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## THE OHIO STATE UNIVERSITY

## OFFICIAL PROCEEDINGS OF THE

# ONE THOUSAND FIVE HUNDREDTH

# MEETING OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 30-31, 2019

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The Board of Trustees met on Thursday, May 30 and Friday, May 31, 2019, at the Longaberger Alumni House in Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

Interim Chairman Timothy P. Smucker called the meeting of the Board of Trustees to order on Thursday, May 30, 2019, at 2:20 p.m.

<u>Members Present</u>: Timothy P. Smucker, Abigail S. Wexner, Alex Shumate, Cheryl L. Krueger, Brent R. Porteus, Erin P. Hoeflinger, Alexander R. Fischer, Hiroyuki Fujita, Alan A. Stockmeister, John W. Zeiger, Gary R. Heminger, Elizabeth P. Kessler, Lewis Von Thaer, Jeff M.S. Kaplan, Janice M. Bonsu, Anand Shah

Mr. Smucker:

I would like to convene the meeting of the Board of Trustees and ask the secretary to please note the attendance.

Ms. Eveland:

A quorum is present.

Mr. Smucker:

I hereby move that the board recess into executive session to consult with legal counsel regarding pending or imminent litigation, to consider business-sensitive trade secrets required to be kept confidential by federal and state statutes, and to discuss personnel matters regarding the employment, investigation and discipline of public officials. May I have a second? Will the secretary please call the roll?

Upon the motion of Mr. Smucker, seconded by Mr. Zeiger, the Board of Trustees adopted the foregoing motion by unanimous roll call vote, cast by trustees Mr. Smucker, Mrs. Wexner, Mr. Shumate, Ms. Krueger, Mr. Porteus, Mrs. Hoeflinger, Mr. Fischer, Dr. Fujita, Mr. Stockmeister, Mr. Zeiger, Mr. Heminger, Ms. Kessler, Mr. Von Thaer, Mr. Kaplan, Ms. Bonsu and Mr. Shah.

Ms. Eveland:

Motion carries.

Mr. Smucker:

We are recessed.

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Interim Chairman Timothy P. Smucker called the meeting of the Board of Trustees to order on Friday, May 31, 2019, at 10:00 a.m.

<u>Members Present</u>: Timothy P. Smucker, Abigail S. Wexner, Alex Shumate, Cheryl L. Krueger, Brent R. Porteus, Erin P. Hoeflinger, Alexander R. Fischer, Hiroyuki Fujita, Alan A. Stockmeister, John W. Zeiger, Gary R. Heminger, Elizabeth P. Kessler, Lewis Von Thaer, Jeff M.S. Kaplan, Janice M. Bonsu and Anand Shah.

Mr. Smucker:

Good morning, everyone. I would like to convene this meeting of the Board of Trustees and ask the secretary to please note the attendance.

Ms. Eveland:

A quorum is present.

Mr. Smucker:

So that we are able to conduct the business of this meeting in an orderly fashion, I would ask that any sound on cell phones and other devices be turned off, and I would ask that all members of the audience observe rules of decorum proper to conducting the business at hand.

It's great to see everybody. And thank you all for the work that you've done in the last three days. As you know, this is the culmination of a lot of work — not just this week, but always. This is an unusual meeting for all of us. I did not anticipate that I would be sitting in this chair today. While we all respect the decision Mr. Gasser made last week, we recognize that his resignation is a significant loss for the board and for the university. We will miss his expertise and his leadership greatly.

In accordance with our bylaws, I have been asked to serve as the interim chair while the board works through the process of electing its next slate of officers. In the meantime, I believe I speak for everyone at this table when I say that our focus will continue to be, as always, on supporting the important work of this university.

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### APPROVAL OF MINUTES

Mr. Smucker:

To that end, our first order of business today is the approval of the minutes from the board's February meeting, which were distributed to all trustees. If there are no additions or corrections, the minutes are approved as distributed.

Now I would like to turn it over to President Drake. I believe that you would like to say a few words on a very important matter.

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## STATEMENT ON STRAUSS REPORT

Mr. Drake:

Thank you, Mr. Smucker. Before we begin, I would like to address an issue that continues to be at the forefront of all of our minds. Earlier this month, the university released the independent report into acts of sexual abuse against at least 177 former students by Dr. Richard Strauss from 1979 to 1998. Strauss died in 2005.

I want to reiterate, on behalf of the university, our profound regret and sincere apologies to the survivors who were effected by Strauss' abuse, and for our institution's failure — and there is no other word for it — to prevent it. The university's inaction at the time was unacceptable. I also want to express again our deep gratitude to the survivors for their courage in coming forward and participating in the investigation.

As a reminder, the university is offering free counseling to anyone affected by Strauss' actions through Praesidium. That's good for life, and, if you've already been through counseling because of Strauss, Ohio State will reimburse those costs.

Yesterday, our Academic Affairs Committee approved a measure to revoke Strauss' faculty emeritus status for behavior antithetical to our values. That will be voted on by the full board today. Our responsibility as Buckeyes is to protect the safety and wellbeing of our community. Our role as leaders in higher education is to work every day to ensure all students, employees and families share those same fundamental protections.

Today, I am announcing the formation of a task force to advance the national conversation surrounding sexual misconduct and abuse on college and university campuses. This issue remains prevalent in our society, and we will use the lessons of the past to play a leadership role in confronting the problem head on.

This task force will include survivors of sexual misconduct, Ohio State and national scholars, and will be charged with using the information detailed in the Strauss report and from other sources to inform a safer future. What can we learn from the report in order to apply it effectively to our campuses and our nation's campuses today? What can we take from all that we have learned to share best practices in prevention and survivor support?

Multiple cases of serial sexual abuse at a variety of institutions suggest strongly the need for a more consolidated and collaborative effort. We need to work together to ensure this kind of abuse could never be hidden or ignored.

#### Mr. Smucker:

Thank you, President Drake. You have the board's full support in this effort. As you noted, it is of the utmost importance to our campus and to campuses and communities across this country. We will continue to be engaged in this important matter, including the work of the task force announced today. Ohio State will play a leadership role in addressing this critical issue.

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#### DIGITAL FLAGSHIP

Mr. Smucker:

Now, I believe Mike Hofherr, our chief information officer, is here to tell us about a program that exemplifies the "Innovations in Learning" theme we have had for our meetings this week. I'm pleased to turn it over to Mike.

Mr. Hofherr:

Mr. Chairman, Mr. President ... thank you so much for the opportunity to talk about the Digital Flagship program today. Yesterday, in the Academic Affairs & Student Life Committee, we talked about our shared approach and our executive leadership team. Today, I want to thank two individuals — Liv Gjestvang, our Associate Vice President for Learning Technology who is not here this morning, and Cory Tressler, who is the lead for the Digital Flagship program — for their leadership. They are the ones who make this work every day with our faculty and students, so thank you to both of them.

First and foremost, Digital Flagship is a student success initiative. Just because a person is born into a world full of technology, does not mean they are a digital native with the ability to research, collaborate, create and work with technology at a professional level. Digital Flagship aims to provide our students with the learning opportunities they need to be equipped to utilize technology efficiently and effectively within academia and professional settings. So in everything we do in the flagship program, we are centered on the students.

We do this through three pillars — the student technology pillar, the coding curriculum, and the design lab and app development. I'd like to walk you through each pillar.

Let's start with student technology. Our goal is to provide a common technology to all students to support digital literacy, curricular integration and workforce readiness. In year one, we distributed roughly 11,500 iPads, cases, pencils and keyboards to all students across all our campuses. In year two, that number goes to just over 13,000. The increase includes our transfer students. If you are a transfer student coming into a new cohort and your cohort is receiving a new iPad, then you will receive an iPad and technology as well.

This seems like an easy thing to say on paper, but it is not. I challenge you to go back to any of your CIOs at your organization and tell them that you are going to add 13,000 devices to their portfolio tomorrow. The team was able to accomplish this in just over eight months. As you know, our orientations started Tuesday of this week and will run through the end of August. Those freshmen who are coming in are receiving their devices this week and the team is on the ground working with them. So this is a quick video here of how we do this. *[Video Plays]* 

So as you can see, it's a complicated process, but one that we have been able to handle seamlessly and one that has led to improvements at the university. This has led us to think how we deploy technology across the university a little differently. Think about if you are a new staff or faculty member coming in and the computer that you need to do your job is ready at your desk when you come — you log in and you're ready to go. So these technologies are not only are helping our students in flagship, but also really modernizing how we use IT across the campus.

One quick note — in that whole process, from when the equipment left Apple to when it entered the students' hands — we did not lost track of a single piece of equipment, and we were able to document and track that equipment from the warehouse to the student by serial number with not a single piece of equipment being missed, lost or stolen. So that was 11,000 iPads, cases, pencils and keyboards, all from one distribution center, packed up and delivered to our students. It was a great job by the team.

But this isn't just about devices; this is about preparing our students for the future. We are providing a coding certificate to all of our students. This will be a four-course sequence with the first course being available this month and the next courses coming online in the following months with the full program being ready by the fall, in December. This will be at no additional cost to our students. So our students will be able to leave here not only with their degree, but if they so choose, certification from both Apple and Ohio State in app development and Swift coding. This is a self-paced, online curriculum that they will participate in.

We also have our mobile design lab, which some of you saw yesterday out front. This is an extension of our belief in coding as a skill for all. We want to be sure our community is understanding of the practical implications of utilizing code to build and create something and solve problems in a new and modern workforce.

So the mobile design lab launched March 20. We have had around 25 events with that bus so far. We have visited all of our regional campuses at least one time. We have had our first engagement with K-12. We have had our first public outreach event at the COSI Science Day. And this summer, the bus will be around town and supporting our orientation sessions as we go forward.

Here is a quick recap of our first year and there are a few things I want to point out. We talked about the number of iPads delivered, and I think this is important — 90 percent of the iPads are active in any 24-hour period. So the students are using these and they are engaged, and our faculty are including them into the curriculum. Less than 2 percent

have been damaged, lost or stolen — so it is a very small number of the devices — and we have a program with Apple to switch out and swap those as well. We have trained with over 310 instructors through the University Institute for Teaching & Learning. As I said, orientation started Tuesday, and if you want to see what 13,000 iPads look like all packed up and ready to go, that's what our warehouse looks like right now. So the scale is how we always doing things here — big.

More importantly, I think, are the outcomes in the classroom. Today, Melissa Beers, who is the program director for Introduction to Psychology in the Department of Psychology, is here to talk to us about some of the findings from the flagship program.

#### Dr. Beers:

Thank you and good morning. Thank you for the opportunity to be here with you today. Again, I am Melissa Beers from the Department of Psychology and I direct this wonderful course, Introduction to Psychology, which is taken by so many of our students. We have over 3,000 students a year take our class in up to 30 different sections with graduate instructors and lecturers. It teaches students an introduction to the discipline of psychology, but it is also a social science and social diversity general education requirement. Because we have so many first-year students, it is also a class that helps them transition into the university and sets the stage for many of their courses to come.

We really wanted to participate in this initiative. We really wanted to help students use this technology in a meaningful way. Part of that was understanding for ourselves what this technology does, so we applied to be in the first cohort of the Digital Flagship instructors. We had two instructors who participated in the autumn and they were trained with the technology, they received the technology and they learned how to use those apps in their classroom.

We noticed very quickly that even though not every student in Introduction to Psychology was a Digital Flagship freshman, it became really important for instructors to understand how they could best be presenting information, how they could be leveraging that and how things looked from a student's standpoint. So we approached the Digital Flagship and asked if every section of Introduction to Psychology could be part of this initiative. In January, all of our instructors who were teaching that semester received the technology, training and apps so that they could integrate this into their classes.

It has been very transformational. We have had some amazing results. At the end of this semester, we did an assessment ... we asked our students how they were using their devices in Intro to Psych. We asked which of the following things they did on their device and these were the top mentioned choices — all of them academic. So they are taking notes in class, they are interacting with their grades in Carmen, they are using email, doing activities in class, answering questions on Top Hat and reading books and textbooks. They also mentioned things like watching lectures for online classes. They also mentioned things hut that was much further down the list. I think it is very encouraging that their top uses of these devices are academic.

So what are they doing with these devices? We asked, "What is the one way you use the device most often?" The answer was taking notes in class. They are using Notability for this. I don't know if you've seen this app, but I want to show you some examples of the kinds of notes students are taking. This is an example that was shared by a student.

Typically, when students were working in class with a laptop, they were transcribing the lecture, so you would hear fingers clicking on the keys and they would simply be transcribing what was being said. As a psychologist, I can tell you that contributes to shallow processing of the information. What we want to see in order for our students to be deeply learning is synthesis and integration of that information. We also like to see dual coding, which is text and images. That will help build retrieval pathways and more

robust kinds of learning, so students will get more out of that experience in class. It was encouraging to see this happening, and it is also helpful for us instructors to have this technology so we know what to make available for students so they can use this technology effectively in our class.

We also asked students some attitudinal questions about their experience with the iPads in Introduction to Psychology, and overwhelmingly students were very positive. This includes over 500 students in Introduction to Psychology who were part of that Digital Flagship initiative. A few things that stood out to me was how much they feel it helped improved their learning and helped their organization — 87 percent agreed it helped them to be more organized, which we all know is so important for your first year of college. They see it as useful for academic purposes. And we know from the literature that it can potentially be a distraction, and it can have a negative impact, but at least in terms of our students' perception, most of them disagreed that that was the case. But I think it is also important for us to understand the technology so we can help students manage digital distractions and help them focus on class when they are in class.

We also asked students what more we could do to support them with these devices in class. And again, they are asking us to use these devices in a meaningful way in the classroom. So that includes incorporating more in-class activities that they can use their iPads for; making sure that assignments can be accessed on the iPad; posting notes and resources so they can access them during class — and all of these things are possible for us to do, and I am so grateful for the support and training we have received from Digital Flagship so that instructors understand how to do that in a way that meets our students' needs.

#### Mr. Hofherr:

Thank you, Missy. The next person we are going to hear from is Andrew Jackson. Andrew is our student experience coordinator in Digital Flagship. He was formerly the Undergraduate Student Government president here at the university, and upon graduation, we stole him and hired him on our team. He has been great at managing our students. Because it is summer, it was hard to get any students here today, but he is going to talk a little about that student experience as he manages a big group of students who help support Digital Flagship.

#### Mr. Jackson:

Like Mike said, I'm Andrew Jackson and I'm the student experience coordinator. I manage all of our student employees, but I also plan and execute the distribution of all our iPads on all our campuses. That is quite a lot of iPads to get out over the summer, but it is an amazing opportunity to get to work with all these students. We talked a little bit about what we see and what we hear from our students.

In front of you, you see Leann Lofton, who is a student at our Newark campus. She has three jobs and is a full-time student. She uses her iPad for time management. Leann uses not only the calendar that comes on the iPad, but also the calendar in the Carmen app. She integrates both of them, color codes what she needs, and uses time blocking, which is a skill where you block out small amounts of time for studying or homework. This way, she knows when she has free time and when she doesn't, so she can plan her day around that.

The next thing is note taking. Like Missy said, it is an amazing thing with Notability. The first set of notes you're going to see are from Hanna Kim, who is a Speech and Hearing Science major, so she is drawing out all these anatomy pieces and parts and writing out her notes. You are also going to see Robert Yengo, who is a Systems Engineering major, writing out code and equations. It is great to see that whenever you open an iPad

and look at students' notes, you will never see two sets of notes that are alike. They are using these iPads in very specific ways that are suiting their needs.

The next student is Liz Webb, who is a Public Affairs major in the John Glenn College. She talks a lot about open resources on the iPad. She has taken courses with Carmen Books and instead of having to buy books and lug them around, she is able to access them all on her iPad. It is much cheaper than buying \$200 or \$300 textbooks — instead they are \$15 to \$20 and she can access them whenever she wants to and they are available after graduation, so if she is going to graduate school and wants to go back to something she learned in undergrad, she is able to do that.

Lastly, creating with technology. This is another student at the Columbus campus. His name is Timothy Huang and he is a Computer Science Engineering major. This screenshot you are going to see is from an app that he created. He and a group of three other students were part of Hackathon and they wanted to make an app that will help students learn how to get around campus, but in a gamified version. At some point, they want to be able to integrate class schedules so when a student first gets here to campus, they can go from class to class and see exactly what their pathway will be. They have programmed it so they can only go on sidewalks or streets, so they aren't just scrolling across campus and going over buildings. It is an amazing app they have been able to do with the help of Digital Flagship and the resources we have been able to connect them with.

#### Mr. Hofherr:

We had another group of students who made an app for the dinosaur sculpture we have over in Orton Hall and through our great partnership with Apple, based on the great work they did, those students now have internships in Apple's AR division this summer. So it is an amazing opportunity for some real hands-on experience here that has led to an opportunity for those students with one of the largest technology companies in the world. So that's our update. I would be happy to take any questions. Thank you for the opportunity to speak with you this morning.

#### Mr. Smucker:

Mike, Melissa and Andrew, thank you very much. Let's give them a round of applause. I would like to say how impressed I am with those figures — 85 percent improved learning and 87 percent are better organized. This doesn't look quite like when I started at university. I am curious, what percentage would use iPads for reading books as opposed to buying books?

#### Mr. Hofherr:

I can work on getting that number, Mr. Smucker. We are really focused on an initiative through our Affordable Learning Exchange to put low- and no-cost textbooks into the general education curriculum. So as we go through the general education redesign that we learned about yesterday in Academic Affairs and Student Life, that will be one of the principles. But for a large number of our general education courses, we have moved to open or free textbooks and we are going to be piloting a program that we call Carmen Books in the fall, and that will be first day-access. Everyone pays a small fee, about \$10 to \$15, and then they get that textbook digitally on day one. So there's no more going to the bookstore to order or pick up your book. As soon as you sign up for that class, you are charged that \$10 — and they are made aware of this before they sign up — and then the book is delivered to them. So I'll have more data on the number of students using digital textbooks that we could talk about at an upcoming meeting. We are really trying to push that with our faculty and make those resources available to our students, because one, we know it reduces the cost of education and two, we know that if they have their materials on day one, they are more likely to be successful.

## Mr. Smucker:

One other question I have is — we are leading the curve here, right? As far as other universities, who else would you say are your peers that you can compare notes with?

#### Mr. Hofherr:

Unfortunately, there are not a lot. We are out on the edge here. There are a lot of smaller liberal arts schools that have done this. Just last week, the University of Kentucky announced a very similar program, and if you go to their website, it looks eerily familiar to what we've been doing. So we've had a lot of conversations with them. The chancellor from the University of Missouri will be on campus here in the coming weeks to talk about doing a similar program there. We've had some other conversations across the Big Ten with our peers like Penn State and others, but no other big R1 outside of the University of Kentucky has attempted this.

So when I say we're on the cutting edge, we are really on the bleeding edge of this, but we need to be. We have done some work with Apple and others around K-12 and what's happening there, like, I have a 10-year-old son and he's building apps in his class. They are in a one-to-one program in their school district, and if you go around the state of Ohio and look at what school districts are doing in K-12, a lot of them are moving to one-to-one programs because it makes financial sense on the textbook and material side for them, but there's also a lot of learning outcomes. So the students we have coming to Ohio State in the future are going to expect this kind of learning from us.

#### Mr. Smucker:

That's great. Congratulations, again. Any other questions?

#### Dr. Fujita:

This is great and I envy all the students today who have access to these devices. My question is that in light of the trade wars between the United States and other countries, how are you protecting IPs, which our students may be generating, by designing Swift code and other things? I am just curious as to what kind of global protection system you are trying to implement.

#### Mr. Hofherr:

We have a University Intellectual Property Policy and anything that is created by students, faculty and staff falls under that policy for flagship as well. We can sit down and talk through that Intellectual Property Policy because these things fall into that policy, and our students are made aware of that when they accept the device. But this is a challenge going forward — it has been a challenge on a lot of fronts, not just with flagship, but even just the markups that the tariffs are causing and all kinds of things with other countries and the protection of our data are providing some challenges across the IT landscape.

#### Dr. Fujita:

I think going forward students should be made more aware of what they are, because just hearing this agreement — for example, when we get an agreement we don't read it, we just sign — I think it is going to be important that we be intentional about how we are going to train these resources and students going forward.

#### Mr. Hofherr:

I agree. Thank you so much for that comment.

Mr. Smucker:

Very good point. Mr. Fischer?

### Mr. Fischer:

I'm sitting here looking at all that data being collected and my mind starts going to the science of learning and the science of teaching. I'm thinking of the decades' worth of data and the correlations of which teachers engage people the most and/or what techniques cause people to do, and it seems like a great data analysis opportunity.

### Mr. Von Thaer:

I agree. First, I have to commend you; I think it is remarkable what you have done so quickly and how smoothly it has gone. To Alex's question, are you able to collect and keep a repository on this data on the use conditions, so that you can run analytics in the future and start to use the learning aspect of this to improve even further?

#### Mr. Hofherr:

The answer is yes. We have the opportunity to create one of the largest learning laboratories in the country through this and the data is invaluable. To be a leader in the research of learning through digital technologies is the opportunity we have, and to make that data available to our faculty. When we start to think about the digital landscape and what is available on that iPad — so think about us having learning management system data, response system data, data for digital textbooks, how students are using this iPad and what the learning outcomes are —that is the opportunity we have for our faculty to be leading-edge researchers.

### Mr. Von Thaer:

Mike, let's also talk offline sometime about the appropriate protections for that data so it's not manipulated and no one is doing anything that can throw algorithms off.

#### Mr. Hofherr:

We just hired a chief privacy officer here at the university who reports through Helen Patton, our chief information security officer, and we are starting those conversations with our constituents, students, faculty and staff about how we are going to use this data and what the approaches are that we are going to take. I appreciate the insight.

#### Mr. Smucker:

Thank you very much. It is a logistics success too, and I am excited that a land-grant university is on the leading edge here. As you can see, there is a lot of interest and we want to hear more about the progress. Thank you so much, another round of applause.

President Drake, we are now ready for your report.

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## PRESIDENT'S REPORT

## Dr. Drake:

Good morning, everyone. Before I begin my report, I would like to take a moment to welcome new board member Jeff Kaplan and our new student trustee Anand Shah. We're also happy to welcome back Lou Von Thaer for a much longer second term on the board. We look forward to your contributions as we work together to advance the

university. Let me also take this moment to acknowledge the service and leadership of our outgoing trustees, Clark Kellogg and Jordan Moseley. Clark couldn't be here today but Jordan, it is nice and comforting to see you sitting here at the table again. We really appreciate your insights, friendship and leadership over the years, and we wish you the very best in your next endeavors. And finally, I see in the audience our colleague Javaune Adams-Gaston. She is preparing to leave to become president of Norfolk State University. Thank you so much and congratulations and best of luck Dr. J.

This week, we have discussed innovations in learning. To prepare our students for the jobs of the future, we are committed to being the most innovative university we can be. Tim you were congratulating Mike for our being on the cutting edge, but we are like a cutting-edge sphere expanding, so it is great and we are all trying to keep up with each other while we are doing these things. So it is a great part of our overall endeavor.

As you heard earlier, one of the hallmarks of our innovative approach to teaching and learning is our Digital Flagship initiative. We know that technology is changing, the workforce is changing and we need to provide our students with the skills and opportunities they need to succeed in a competitive workforce. One of the ways we do this is by partnering with some of the most innovative companies and organizations in the world to enhance our academic mission. As one of our student leaders noted, "When you combine OSU with Apple, what an amazing combination that is."

We're also looking at other ways to modernize our teaching and learning, from the courses we offer and the ways we teach to envisioning the physical campus of the future. We recently completed a significant overhaul of our undergraduate general education requirements — the first of its kind in three decades. Over two years, faculty, staff and students from across the university worked together to create the next era of our foundational curriculum. The result is an updated approach with an emphasis on critical thinking and preparation for a global, cross-disciplinary and innovative workforce. We're grateful to everyone who contributed their time and efforts to this important work.

Many of our faculty are innovating the way they teach through our University Institute for Teaching & Learning. Last fall, the institute launched the Teaching Support Program, which offers opportunities for faculty to incorporate more technology, redesign courses and share best practices. So far, 27 percent of eligible faculty have completed the entire program, and over 50 percent have completed at least one portion of this professional development opportunity. Innovative learning begins with innovative teaching, so we're excited about the progress we're making.

Earlier this month, we celebrated the largest commencement in our history, awarding more than 12,200 degrees and certificates. As we have noted before, Ohio State was recently ranked No. 17 in the nation overall — and No. 2 among U.S. public universities — for graduate employability. When recruiters from across the country were asked which are the best schools at preparing students for the workplace, they thought often of Ohio State and the work being done in Columbus and across Ohio at our regional campuses. To bring that closer to home, of the 84 in-demand jobs requiring a bachelor's degree identified by the state of Ohio, our spring graduates accepted employment in 98 percent of those areas.

Ohio State's faculty also had a record-breaking year. Broadly, 159 awards and recognitions were reported by national and international organizations. This is a new university high, up 14 percent over last year. Our progress wouldn't be possible without the critical relationships and support we receive from the Columbus community and beyond. When we work together to elevate the region and the state, everyone is uplifted.

One example is the collaborative work being done through Smart Columbus, which brought together partners from business, industry and the university to transform our city into a premier transportation region.

Another example is a new initiative to address the opioid epidemic in Ohio. Ohio State is leading a consortium of academic, state and community partners to reduce overdose deaths by 40 percent over three years. As you're aware, this is a problem that needs immediate attention, and we are committed to advancing solutions to this crisis as quickly as possible. We are also working with our community partners and other health systems to reduce infant mortality in Ohio. At the Wexner Medical Center — central Ohio's preferred destination for treating high-risk pregnancies — infant mortality has fallen by more than half since 2011.

Ohio State and our collaborations throughout the city and state have significant and measurable impacts in the communities we serve. A recent economic analysis found that Ohio State generates \$15.2 billion annually in economic impact for the state of Ohio. Ohio State's research enterprise, medical complex, construction projects, athletics events and status as Ohio's fourth-largest employer combined in FY18 to support more than 123,000 jobs across Ohio. We enjoy seeing that impact up close when we embark on our annual state tours to connect with students, families, businesses and community partners, legislators and alumni around the state. Next week, we'll visit counties in northwest Ohio, including a visit to the Marathon Petroleum Corporation in Findlay, Ohio, thanks to our trustee Gary Heminger. And in August, we'll travel to southwest Ohio.

We're proud of the many ways our university uplifts individuals and families in our community, but we're not resting on our laurels. As we approach the 150th anniversary of our founding next year, we are preparing not just for the foreseeable future, but also for those things that will define our work 10, 20 and 30 years down the road. Our founding land-grant mission to improve people's lives has never been more relevant. And we look forward to continued collaboration and innovation as we work together to move Columbus and Ohio forward.

Thank you. That's my report.

#### Mr. Smucker:

Thank you, President Drake. Are there any questions? It is always amazing to me to focus on the amount of activity that is happening at this university. The statement that the university generates \$15.2 billion dollars in economic impact is hard to get your mind around and the fourth-largest employer in the state — that's amazing. So thank you very much and thank you for your leadership.

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## COMMITTEE REPORTS

Mr. Smucker:

Now we move into committee reports and first we have Mrs. Wexner for the Wexner Medical Center Board.

### Wexner Medical Center Board

Mrs. Wexner:

Thank you, Mr. Chairman. The Wexner Medical Center Board met on Wednesday and we began our meeting with remarks from Dr. Hal Paz, our new Chancellor for Health Affairs. We are absolutely thrilled that Dr. Paz has joined us and we are very much looking forward to his leadership and continuing the great work and progress of the medical center.

Next, we heard an inspiring presentation from Dr. Raph Pollock and Doug Ulman, who talked about the success of Pelotonia. In the past 10 years, riders, volunteers and donors from all 50 states and 72 countries have raised more than \$186 million through Pelotonia, and remember, 100 percent of every dollar raised has gone directly to support research here on our campus. Those dollars have recruited some of the top scientists in the world, invested in some of the brightest young minds in Ohio and at Ohio State and ultimately translated into therapies that are literally improving and saving lives around the world, not only here in Ohio. We are thrilled about the coming decade with Pelotonia as it continues to grow and looks for new ways to expand its fundraising. It has really become the envy of many research universities across the country. So we are thrilled with Doug's leadership and obviously that of Dr. Pollock.

In keeping with our "Innovations in Learning" theme, we heard a wonderful presentation about the future of learning from College of Medicine students and faculty. One fascinating development in the med school curriculum in recent years has been the creation of virtual patients. These are avatar representations of human patients that are controlled by artificial intelligence, and they have the ability to carry on nuanced conversations. The College of Medicine — in collaboration with the areas of Computer Science & Engineering, Computational Linguistics and the Advanced Computing Center for the Arts and Design — created these virtual patients as learning tools for med students who need to practice their ability to interact in clinical settings. And again, this is just another wonderful example of what cross collaborations among various areas of interest in the university allows us to do, these very unique innovations.

Dr. Bill Farrar gave progress updates on two programs within The James — Total Cancer Care and CancerBridge. Over the past five years, 52,000 patients have joined the Total Cancer Care Protocol, which involves the collection and study of tissue and blood samples from cancer patients in order to help researchers find ways to individualize cancer prevention, detection and treatment. Nearly 4,000 specimens have been collected already. Meanwhile, more than 20 companies are using CancerBridge to help employees and their families understand and navigate the cancer healthcare environment. CancerBridge is in the process of developing a comprehensive business plan and a five-year financial forecast that they hope will help us grow significantly.

Dr. Craig Kent introduced two new recruits — Isabelle Deschênes, who will serve as chair of the Department of Physiology and Cell Biology and be the inaugural Bernie Frick Research Chair in Heart Failure and Arrhythmia; and Luan Phan, the Charles F. Sinsabaugh Chair in Psychiatry and chair of the Department of Psychiatry and Behavioral Health. Again, this is a testament to the level of amazing recruits we are able to attract at the medical center.

Dr. Kent also highlighted the extraordinary news, as Dr. Drake has mentioned, that Ohio State was recently selected to receive a \$66 million grant as part of the federal HEALing

Communities Study to address the opioid epidemic. Obviously this is an area of critical importance to all of us. This is the largest research grant ever awarded to the university and it will enable us to lead a consortium of academic, state and community partners with a goal of reducing overdose deaths by 40 percent over three years. That's clearly an incredibly ambitious goal, but what could be more important work for the university?

During the Operations Report, David McQuaid shared that Dr. Tom Ryan has been named executive director of the Ross Heart Hospital, a role he has been filling in an interim capacity. Mr. McQuaid also noted that the medical center has once again received an "A" letter grade from the Leapfrog Group in recognition of our high levels of patient safety. This is a tremendous award and something that we need to continue to celebrate just in terms of the quality of patient safety, which is obviously of critical importance to our patients and all we serve.

Our final item for discussion was Mark Larmore's financial summary and our FY2020 budget review. Our admissions volume is slightly ahead of our prior year numbers and ambulatory volume continues to be strong. As we all know, length of stay has been higher than we would like, but progress is being made to bring that number down. Operating revenue is ahead of budget by 1.2 percent and growth year-over-year is 7.6 percent. Across the entire medical center, we are looking at a \$224 million bottom line.

Finally, The Wexner Medical Center Board reviewed seven items for action. Jay Kasey presented a request to enter into and increase professional services and construction contracts for three projects related to new ambulatory facilities in Dublin, New Albany and on West Campus, as well as renovations to the seventh and eighth floors of the Martha Morehouse Tower.

Gail Marsh presented a resolution related to the action steps we have planned to fulfill the federal requirement that all hospitals assess and address the most pressing needs of their communities. As a part of this process, we were required to keep track of the dollars and in-kind services we delivered to the community. In the past year, that has totaled roughly \$200 million in community benefit. Again, a reminder of all the work that Ohio State does and the benefits it provides to our citizens.

Finally, we also reviewed and approved a series of standard resolutions related to the Quality and Professional Affairs Committee, including committee appointments, annual patient care service contract reviews, amendments to the *Rules and Regulations of the Medical Staffs*, revisions to the Patient Complaint & Grievance Management Policy and approval of the Clinical Quality Management, Patient Safety & Reliability Plan for The James. All of these items were either approved or recommended for approval and the appropriate resolutions appear on our consent agenda today. We then met in executive session, and that concludes my report, Mr. Chairman.

(See Appendix LXIII for background information, page 1443)

## Mr. Smucker:

Thank you, Mrs. Wexner. Any questions on her report? I must say, Abigail, that the momentum and the spirit is palpable when you are in those meetings. To see what is going on there is very impressive, so thank you for your leadership.

Mrs. Wexner:

It is the amazing dedication of our staff and physicians.

Mr. Shumate:

It is tremendous. Mr. Fischer, the Master Planning and Facilities Committee?

# Master Planning and Facilities

Mr. Fischer:

Thank you, Mr. Chairman. The Master Planning and Facilities Committee met yesterday. We began in executive session and then had four items for discussion. Mr. Kasey presented the Physical Environment Scorecard. It has ten areas coded green, four coded yellow and two coded red.

Mr. Conselyea presented the Major Project Status Report, which includes construction for projects over \$20 million. The Controlled Environment Food Production Research Complex is coded red for schedule and budget. We have been working with the end users and the leadership within the College of Food, Agriculture and Environmental Sciences to rework this project and plan to have a reworked plan presented to the committee at its November meeting.

Mr. Myers presented the current design for two projects: the Wexner Medical Center Hamilton Road ambulatory facility, which Mrs. Wexner discussed, and the Ty Tucker Tennis Center. The Ty Tucker Tennis Center is located in the Athletics District between the outdoor tennis courts and the newly constructed Covelli Multi-Sport Arena and Jennings Wrestling Practice facility. I would make a special note that Gene Smith has already raised 100 percent of the funding for this facility through philanthropy and continues his strong track record in doing that for athletic projects.

Setbacks for the tennis center will match Covelli to enhance the recently developed streetscape design. Irving Schottenstein Drive, if you haven't driven on it lately, has really emerged as a centerpiece of the athletic district, and landscaping improvements to match the facilities are really coming into shape as spring turns into summer. The approximately 68,000-square-foot facility will include six indoor courts, seating for up to 450, locker rooms and coaches offices and support spaces.

The committee then reviewed items for approval, several of which were also reviewed by the Finance Committee for alignment with applicable financial plans. Mr. Kasey and Mr. Papadakis presented the Fiscal Year 2020 interim capital investment plan. The interim plan authorizes \$472 million for 62 new projects.

Mr. Potter then presented the Fiscal Year 2020 interim Ohio State Energy Partners capital plan. It is anticipated to begin in three categories: life cycle, expansion and energy-conservation measures. The request for interim approval is for the projects that are all time-sensitive. At our August meeting, we will add to those the big five projects that we have often discussed for a new comprehensive capital budget that will be presented in August.

Mr. Conselyea then presented a request for approval to enter into or increase professional services and construction contracts for twelve projects, including the Hamilton Road Ambulatory facility and the Ty Tucker Tennis Center.

The committee saw updated renderings for the performance venues within the Arts District prior to considering their request for professional services and construction for the project. Once complete, the Arts District will bring world-class spaces to our School of Music and Department of Theatre for teaching, learning and performance. This project serves as a great example of the evolution of a project from study to concept to implementation, and it is a great example of the collaborative work of the board and university senior leaders.

I want to pause and make a special shout out to President Drake and Provost McPheron. Their personal touches on the new front door in the academic missions that they represent also represent these two gentlemen's personal commitment to the academic mission in putting it front and at the centerpiece of our campus. Once completed, it will be fantastic to celebrate that with students and host a future meeting in a few years in this stunning new space.

As Mrs. Wexner mentioned, the Wexner Medical Center Board reviewed and recommended for approval the requests related to the regional ambulatory facilities, the West Campus ambulatory facility and the renovation of the seventh and eighth floors of the Martha Morehouse Tower.

Mr. Myers then presented one real estate item requesting to sell approximately 20 acres of unimproved land on Shier Rings Road in Dublin. This property was donated to the university in 1978, and it only took us 40 years to find a buyer. Proceeds from the sale will be credited to the university's operating funds.

All of these resolutions were approved by the Master Planning and Facilities Committee and are included on the Board of Trustee's consent agenda. That concludes my report, Mr. Chairman. Happy to answer any questions.

Mr. Smucker:

Are there questions for Mr. Fischer? I'm not sure if I'm right on this, Alex, but I think there is more going on in this committee than in many years. So thank you for your leadership.

Mr. Fischer:

Stay tuned to the next meeting.

Mr. Smucker:

Thank you. Dr. Fujita, Talent and Compensation?

## Talent and Compensation

Dr. Fujita:

Thank you, Mr. Chairman. The Talent and Compensation Committee met yesterday. We began by honoring the recipients of the 2019 Distinguished Diversity Enhancement Awards. Each recipient was celebrated for their valued contributions to diversity and

inclusiveness at Ohio State. These awards are presented annually by the University Senate's Diversity Committee in partnership with the Office of Human Resources to those who have demonstrated a significant commitment to enhancing diversity and have exceeded expectations through their contributions.

Ms. Susan Basso gave the committee a summary report of key activities and updates specific to HR initiatives currently underway in support of the five-year HR Strategic Plan, effective 2018 through 2023. The summary report is intended to provide timely updates on key HR milestones, along with data metrics specific to current workforce demographics for the university.

In alignment with the three strategic pillars prioritized by the HR Strategic Plan, the specific activities outlined for the May 2019 summary report focused on Leadership & Employee Development, Employee Engagement, Talent Acquisition, HR Service Delivery, Career Roadmap, Health & Welfare, Integrated Absence Management and Vocational Services, as well as union negotiations that are currently underway. Moving forward, the HR summary report will be updated and shared in advance of each Talent & Compensation committee meeting.

The HR scorecard was presented for the second time this board year, as scheduled. Many metrics included in the scorecard are based upon a full year of effort, and therefore showed no change in comparison to the HR scorecard that was presented to the committee in fall 2018. Several significant new developments reflected in this scorecard include the fact that organizational design work in the HR transformation project, along with the Career Roadmap project, is on schedule for completion in the expected timeframe. And Wexner Medical Center talent management initiatives, such as faculty engagement activities and efforts to support diversity and inclusion initiatives, have seen recent success. In the Total Rewards space, achievement has been recognized in our award-winning transitional worker program. Also, importantly, work has begun on the university's Talent and Culture strategic plan with significant milestones expected for fall 2019. As we look ahead for the HR scorecard, there is an opportunity to advance the data and metrics being monitored by HR for the enterprise.

In support of anticipated transformational technology, Ohio State's HR operation is taking the lead to revitalize an Association of American Universities' HR benchmarking report to better enable comparison of its own efforts against peers in higher education. The outcome of the initial reimplementation of that report is expected this fall.

Ms. Basso also updated the committee on several searches, including new hires for the dean positions at Moritz and the colleges of Public Health and Arts & Sciences. She confirmed the launch of the search for the next vice president or senior vice president of Student Life. Additionally, she reported on the ongoing searches at the Wexner Medical Center for a new chief nursing executive; the medical director of the Stefanie Spielman Comprehensive Breast Center; and the CEO for the Ohio State Health Accountable Care Organization.

Finally, the committee approved the personnel actions pertaining to the appointments of Molly Ranz-Calhoun as interim senior vice president of Student Life and Jake Wozniak as treasurer and vice president of Financial Services and Innovation. Likewise, the reappointments of Chris Culley as senior vice president, general counsel and senior advisor to the president; Ryan Day as head football coach; and Gene Smith as senior vice president and Wolfe Foundation Endowed Athletics Director were confirmed.

We also met in executive session, and that concludes my report, Mr. Chairman.

Mr. Smucker:

Thank you, Dr. Fujita. Any questions? The work that this committee does is so important to the talent of this university and the culture, so thank you very much for your leadership.

Mrs. Hoeflinger, Advancement?

### Advancement

Mrs. Hoeflinger:

Thank you, Mr. Chairman. The Advancement Committee met yesterday and I am pleased to share our progress.

We began our discussions with a look at the Advancement scorecard and marketing metrics. While there are two red categories — Gifts & Pledges and Cash — we remain very optimistic about the overall strength of the program.

When we look at our marketing metrics, we can see continued growth across our channels. So far, we have been most successful with Instagram, but our other social media platforms have also seen good growth. We learned that we are outperforming most, if not all, of our peers in our social media presence, and those measures are largely due to the incredible staff refining our messages, doing those searches and understanding the quality of the content and using that to reach out.

The highlight of our meeting was the "Innovations in Advancement" presentation, which introduced us to a newly developed feature of the Ohio State app. This allows our recent graduates to use the current Ohio State app they've been using all along as their alumni app. It also gives them search capabilities and wherever they're going to live, it connects them to other OSU graduates as part of the community. So it is a much more seamless transition than having to give up one app and start using another.

We also discussed the growing successes of three initiatives: Buckeye Love, Day of Giving and Thank a Donor Day. And if you missed the tree in the Oval, we had great pictures from Thank a Donor Day with all of the thank you's on it. All three initiatives allow us to engage Buckeyes not just here but across the globe. Our approaches have become more creative, and we are seeing larger and more engaged audiences as a result. The remainder of our meeting focused on the new endowments and naming resolutions, which are on the consent agenda here today. We then recessed into executive session, and that concludes my report, Mr. Chairman.

Mr. Smucker:

Thank you Erin. Any questions? Again, thank you for your leadership. Mr. Zeiger, the Audit and Compliance Committee?

## Audit and Compliance

#### Mr. Zeiger:

Thank you, Mr. Chairman. The Audit and Compliance Committee met yesterday and had two principal subjects for discussion. As our name indicates, we are responsible for the university's annual audit. That audit is undertaken not only as to the university as a whole, but to various discrete aspects of operations of the university which have individual audits. In particular, two of the significant individual audits are the Wexner

Medical Center and the Athletics Department. This is a key responsibility of the board to oversee the financial situation and we take it very seriously. As a result, we met with Christa Dewire from our outside auditors, PwC, and she provided us with an overview of the planned external audit for this academic and fiscal year. As you know, the university is responsible for the preparation of financial statements and establishing effective internal financial controls. It is the outside auditor, PwC's, responsibility to assess the risks and form an opinion as to the strength of those processes.

Since I have been on the Audit Committee and I think for a long time prior to that, the university has uniformly received a clean opinion from the auditors indicating no significant financial failures. I think that is a compliment to both the university financial team and the Wexner Medical Center financial team and we have high expectations that that clean opinion approach will continue in this upcoming cycle.

The committee discussed a number of technical issues with Christa Dewire about the change in the audit — I will spare you the details of those this morning — but they are available in your board materials. We will receive the full audit, after its review by the Auditor of State, at our November board meeting and as always, not only the comprehensive university audit, but also the specific subcomponent audits, will be publicly available and be subject to public review.

We then shifted to a second important responsibility of the committee and that is the compliance function of the university. We are blessed with an extremely strong compliance director in Gates Garrity-Rokous, and with his assistance, the committee on a quarterly basis reviews the functioning of one aspect of that compliance operation. We had Mark Conselyea and Tina Bogac with us. They are responsible for our environmental health and safety responsibilities at the university. You can imagine that that is a sizable undertaking, given the number of campuses they are responsible for, the magnitude of the hospital operations and the ever-growing element of research at the university.

I was surprised to be educated on the fact that we have over 80 different governmental regulators that the university is responsible for relating to its laboratories and healthcare facilities. We have approximately 40 annual audits by these governmental regulators and as a result we have a team of 42 professionals that are engaged in making sure that the campus is safe and healthy at all times.

An important point of discussion was the fact that this team, which is most impressive, is undertaking a Safety Culture Initiative. We have, I believe, 3,000 laboratories across campus with various components that tie into safety. As a result, they are setting up scorecards and asking deans and other officials to focus on the safety in those laboratories, not only for our students but for our staff as well. There were very impressive demonstrable results and improvements in those laboratory undertakings in terms of safety in the last three years.

The second point they made is that, as we have moved into our partnership with Ohio State Energy Partners, that has created a necessity for this team to continue to monitor the health and safety aspects of the energy program on campus, and they emphasized the cooperation they are receiving from our partner in that endeavor. I have to say this was another compelling example of the care, thoughtfulness and professionalism of the compliance function at Ohio State, and I personally take great comfort in the fact that we have so many quality people working daily to deal with these issues.

We then had an executive session, Mr. Chairman, and that concludes my report.

### Mr. Smucker:

Thank you, John. Any questions? Thank you for your leadership. Mr. Shumate, the Academic Affairs and Student Life Committee?

### Academic Affairs and Student Life

### Mr. Shumate:

Thank you, Mr. Chairman. The Academic Affairs and Student Life Committee also met Thursday and discussed a variety of items. Our focus has been on the theme of "Innovations in Learning," so we started with three presentations reflecting several innovative initiatives to better serve our students which we all know is our primary focus.

We began with a presentation from Dr. Javaune Adams-Gaston on a decade of innovation in the student experience. The university has created a comprehensive suite of services for students with many enhancements. These include new facilities, such as the Ohio Union and North Residential District; new programs, such as the Second-Year Transformational Experience or STEP; new services, such as the Scarlet & Gray Financial Coaching program; and a focus on the whole student from a wellness perspective. To cite just one example of the difference these programs are making, 99.2 percent of STEP students successfully enter their third year at Ohio State — a higher rate than for non-STEP students. This benefit is particularly acute for groups such as first-generation students. And I would be remiss if I didn't pause here to thank Dr. J for her contributions to Ohio State and to wish her well as she prepares to become president of Norfolk State University in Virginia.

For our second presentation, Chief Information Officer Mike Hofherr shared an update on the Digital Flagship. As we heard this morning, this initiative has a far greater impact than simply providing students with iPads. Already, students are improving their note taking and studying skills; faculty are collaborating to further incorporate technology into their teaching; and students are reaping the benefits, both educationally and from an affordability standpoint. This fall, there will be more than 24,000 students using this technology.

Provost McPheron then gave the committee an update on the university's first major update of the general education curriculum in 30 years. The new curriculum, which will launch for autumn semester 2021, will be far more cohesive for our students and provide a broad foundation for citizenship in the 21st century. Importantly, the new GE curriculum will also provide more opportunities for students to take electives, earn minors and pursue double majors. The new GE program requires up to 39 credit hours, compared with up to 69 credit hours under the current curriculum.

Finally, the Academic Affairs and Student Life Committee is recommending seven items for approval today. First, as President Drake referenced earlier, we moved to revoke the emeritus status of Dr. Strauss. We approved two new degree programs — a Bachelor of Science in Engineering Technology for our regional campuses and a Master of Engineering Management. We also approved faculty personnel actions, including the appointments of new deans in the colleges of Law, Public Health and Arts & Sciences. Other items include an honorary degree for spring commencement speaker Fareed Zakaria, updates to the *Student Code of Conduct* and *Rules of the University Faculty*,

and degrees and certificates for autumn commencement. These actions appear on the consent agenda today. After approving these items, the committee adjourned and we did not meet in executive session. That concludes my report, Mr. Chairman.

Mr. Smucker:

Thank you, Alex. It is amazing — 99.2 percent in the STEP program — that is remarkable. Thank you for your leadership.

Mr. Heminger, thank you for stepping into the role of Finance chair here.

### Finance

#### Mr. Heminger:

Thank you. The Finance Committee met yesterday and we began in executive session. During the public session, one item was presented for discussion. Mr. Papadakis and Ms. Devine shared the consolidated university and Wexner Medical Center financial scorecards through April 2019. The metrics demonstrated the university's strong financial position with consolidated revenue ahead of budget for the year to date, and expenses close to plan.

All metrics on the consolidated financial scorecard were green with the exception of three yellow areas related to the change in net assets, total expenses and the one-year investment pool returns. The university financial scorecard shows one red area — change in net assets — and two yellow areas, Advancement cash receipts and state line item appropriations.

Finally, the medical center financial performance scorecard showed six yellow areas — three revenue drivers, two activity metrics and one for total expenses. The Finance Committee then discussed eight items for action.

First, the university is seeking approval to proceed with an interim operating budget, interim capital investment plan and interim utility system capital improvement projects, as Mr. Fischer mentioned earlier. These requests will allow the university to continue to function while the state budget is being completed.

Next, the university is seeking approval to change the Long-Term Investment Pool benchmarks, which will enable the university to expand its investments in illiquid assets, a market segment that has outperformed public equity markets.

The university is also seeking a renewed authorization to waive tuition and fees for Ohio State students who are enrolled in third-party provider or direct-enroll study abroad programs. This waiver will allow students to remain enrolled at Ohio State while participating in these programs.

We also reviewed the standard annual authority for university officials to carry out financial transactions and several reappointments to the Self-Insurance Board.

And finally, the committee reviewed 12 items that have already been discussed by Mrs. Wexner and Mr. Fischer in their committee reports related to professional services and construction contracts, as well as the sale of land located at Shier Rings Road in Dublin. These resolutions were passed by the Finance Committee and are included on the consent agenda today. That concludes my report, Mr. Chairman.

# Mr. Smucker:

Thank you, Gary. I think it is interesting to note, as Gary just mentioned, how it should give us all comfort that many of these same subjects are covered in different committees so that we get a variety of different perspectives. Thank you for your leadership, Gary.

Now, Mr. Shumate again with the Governance Committee.

### Governance

Mr. Shumate:

Thank you, Mr. Chairman. The Governance Committee met this morning and we began by welcoming Governor Dewine's first set of appointments to our board — Jeff Kaplan and Anand Shah — as well as the reappointment of Lou Von Thaer.

Gates Garrity-Rokous and Jessica Tobias presented our annual trustee ethics training. Our Statement of Ethical Conduct & Leadership Integrity requires that all trustees attend annual ethics education, and I am very pleased to report that all of our trustees were present in person this morning.

Janet Porter debriefed the committee on AGB's National Conference on Trusteeship in April. We were proud to have Ohio State well represented this year. We also heard an update from Gail Marsh on the progress we are making on our strategic plan.

Moving onto our items for action, we presented a series of resolutions to the committee, including amendments to the board's *Statement of Expectations*, a very important document that has not been updated in almost 12 years, and that is on our consent agenda. The substantive changes include more explicit expectations around the policies related to us as trustees, along with the creation of an annual attestation requirement.

We ratified committee appointments, which are also on the consent agenda. We also approved amendments to the bylaws of both the University Board and the Wexner Medical Center Board, as well as amendments to the *Rules and Regulations of the Medical Staffs* of the University Hospitals and The James.

Finally, as Chairman Smucker mentioned, we had planned to proceed with our annual election of officers today. Due to an unexpected change in board leadership, however, we are postponing the final decision on our slate of officers until our next meeting. Tim, we certainly want to thank you for stepping and serving as chair during this period and agreeing to serve as interim chair until our next meeting. I also want to thank Abigail Wexner for continuing to serve in her role as vice chair and to Jessie Eveland for serving as our acting secretary.

The committee also met in executive session and that concludes my report.

Mr. Smucker:

Thank you, Alex. Any questions? Thank you for your kind comments about me taking this current role. I am very humbled and honored to assume this role, but I think it is important the audience knows that anybody at this table could do this role. We have a very talented group of people, but I am honored that I can do this for a little while.

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# CONSENT AGENDA

Mr. Smucker:

And now the consent agenda is before the trustees. President Drake, would you please present it to the board?

President Drake:

Thank you, Chairman Smucker. Today we have 32 resolutions on the consent agenda. We are seeking approval of the following:

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## RESOLUTIONS IN MEMORIAM

Resolution No. 2019-88

#### Clara Creager

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on November 20, 2018, of Clara Creager, Professor Emeritus in the Department of Art.

Born in New Jersey, Professor Creager served on the Ohio State faculty from 1972 until her retirement in 1990. She was a master hand weaver and a famous author, having published two of the most seminal works on weaving — *All About Weaving: A Comprehensive Guide to the Craft* (1984) and *Weaving: A Creative Approach for Beginners* (1974). She also served as president of the Ohio Weavers' Guild.

Professor Creager's innovative work has been exhibited widely. Her original wall hangings often combined weaving with scraps of iron or other materials and discarded items found in and around the home. She was truly ahead of her time as an artist, and countless weavers from around the world cite her as their creative inspiration. Always willing to share her wealth of weaving knowledge, Professor Creager had a sincere passion for educating others.

Of working with Professor Creager, internationally renowned artist Ann Hamilton remembers, "As I think back, my beginnings in art were in many ways with that loom and her book, *Weaving: A Creative Approach for Beginners*. I remember her warmth — her generosity in sharing techniques, tools and knowledge — and, of course, the ride there and back with my Dad. It was a big purchase. I certainly learned to weave and, though it has been a long time since my work was loom-based, the processes and metaphors continue to inform everything I work on and how I think about space, structure and processes in time. It is interesting perhaps to note that when I applied to graduate school and interviewed in sculpture at Yale, where I ultimately got my MFA, they asked me, 'You don't do this weaving stuff anymore do you?' I was flummoxed and stammered something. It has been almost 40 years and the recent interest in textiles has made me happy."

On behalf of the university community, the Board of Trustees expresses to the family of Professor Clara Creager its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to her family as an expression of the board's heartfelt sympathy and appreciation.

### Lit S. Han

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on April 13, 2017, of Lit S. Han, Professor Emeritus of Mechanical Engineering in the College of Engineering.

The Department of Mechanical and Aerospace Engineering celebrates the life and contributions of Professor Lit Han. Colleagues recall Professor Han as a consummate professor and an engaging and inspiring figure in the fields of fluid mechanics and heat transfer.

Born and raised in Shanghai, China, Professor Han moved to the United States in 1947 to pursue his master's and doctoral degrees at Ohio State. After earning his PhD in 1954, he enjoyed a long career at the university serving as a lecturer, assistant professor, associate professor and full professor before becoming a professor emeritus.

Much of Professor Han's research at Ohio State, both theoretical and experimental, was sponsored by the Wright Patterson Air Force Base. Professor Han's imposing wind tunnel to study the flow through a turbine blade cascade was hard to miss on the first floor of the old Robinson Laboratory.

For Professor Han, teaching was life. During his long career at Ohio State, he developed graduate courses on convection heat transfer at a time when such courses were not common in American universities. He is fondly remembered as a scholar and a pathbreaker, who kindly offered mentorship to early-career faculty.

At the end of a long and active teaching career, Professor Han retired from the university in 1987. However, his work continued. That same year he moved to Los Altos, California, where he began a second career working at the Lockheed Missiles and Space Company. After his second retirement, Professor Han fueled his passion for sharing knowledge by serving as a substitute teacher in the Palo Alto School District.

Professor Han's honors include being the recipient of the College of Engineering's Charles McQuigg Award for Excellence in Teaching in 1978. In addition to his teaching and research commitments, he also served as a consultant for the U.S. Air Force, Office of Naval Research, Bell Laboratories, Battelle Memorial Institute and NASA.

On behalf of the university community, the Board of Trustees expresses to the family of Professor Lit S. Han its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the board's heartfelt sympathy and appreciation.

## Neal Frederick Johnson

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on December 4, 2019, of Neal Frederick Johnson, Professor Emeritus of Psychology in the College of Arts and Sciences.

Professor Johnson served on the Ohio State faculty from 1961 until his retirement in 2008. He was an expert in reading, and is perhaps best known for his work showing how people actively engage in organizing the material they read into meaningful "chunks," which help to expand the limits of one's immediate memory and thus facilitate

comprehension. His work in this domain contributed to dispelling a theoretical view at the time that such active, cognitive engagement did not take place during reading.

Later in his career, Professor Johnson turned his attention to researching one of the most fundamental aspects of reading, recognizing written words. In 1985, he introduced a theory of word recognition that was notable for its thoroughness in describing the mental operations that are necessary for the word written on a page to make contact with its representation in one's memory.

Professor Johnson mentored several generations of students, some of whom went on to become prominent figures in psychology. He was also a beloved mentor of junior faculty, and he gained a reputation for being ahead of his time in understanding the direction of the field and in helping to build a psychology department of the future.

Professor Johnson's service to psychology was exemplary. Most notable were the many leadership roles he assumed in national and regional societies, as well as in specialty fields. He served as president of the Midwestern Psychological Association (1987) and of the Psychonomic Society (1999). In addition, he had the distinction of serving as president of two divisions of the American Psychological Association: General Psychology (1995) and Experimental Psychology (1996).

On behalf of the university community, the Board of Trustees expresses to the family of Professor Neal Frederick Johnson its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the board's heartfelt sympathy and appreciation.

## John Howard Kessel

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on January 28, 2019, of John Howard Kessel, Distinguished Professor Emeritus of Political Science in the College of Arts and Sciences.

Professor Kessel received his undergraduate degree from Purdue University in 1950. He served as an officer in the U.S. Navy during the Korean War, seeing action on a destroyer minesweeper, The USS Carmick. He then earned his PhD in political science at Columbia University, graduating in 1958. Professor Kessel taught at Mt. Holyoke College, Amherst College, the University of Washington and Allegheny College before joining The Ohio State University in 1970.

Throughout his illustrious career, Professor Kessel authored many articles in the leading political science journals and wrote numerous books. Among the books he authored are *Presidents, the Presidency, and the Political Environment; Presidential Campaign Politics: Coalition Strategies and Citizen Response; The Domestic Presidency: Decision-making in the White House; and The Goldwater Coalition: Republican Strategies in 1964.* 

Professor Kessel was a leader among colleagues at Ohio State studying the presidency. While he was an active faculty member, *U.S. News & World Report* consistently ranked Ohio State's PhD program in American Politics among the top 10 in the country. Professor Kessel was also a leader at the national level of the discipline. His research was supported by grants from the National Science Foundation and he served as editor of the *American Journal of Political Science*, one of the top two journals in the field.

Professor Kessel also served as president of the Midwest Political Science Association. In addition, he was a visiting scholar at the Brookings Institute, the American Enterprise Institute and at the Republican National Committee.

Professor Kessel continued his research after retirement and had a lifelong love of learning, reading, keeping in touch with former students and colleagues, playing tennis, home gardening, travelling and spending time with his family.

On behalf of the university community, the Board of Trustees expresses to the family of Professor John Kessel its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the Board's heartfelt sympathy and appreciation.

## John D. Lee

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on April 13, 2019, of John D. Lee, Professor Emeritus of Aerospace Engineering in the College of Engineering.

The Department of Mechanical and Aerospace Engineering celebrates the life and contributions of Professor Lee. A kindhearted leader and exceptional researcher, Professor Lee is remembered by colleagues for his enduring passion for aerospace education and research.

Born in Canada, Professor Lee became a fighter pilot in WWII for the Royal Canadian Air Force at age 18 and afterward completed his studies at the University of Toronto. At the conclusion of his service, he followed his interests and joined the faculty of Ohio State in 1952 as an assistant professor in the Department of Aeronautical Engineering. He excelled, holding the positions of associate professor, professor and, ultimately, professor emeritus during his career.

As a founding director of the university's Aeronautical and Astronautical Research Laboratory (AARL) at Don Scott Field, Professor Lee designed and built many of the lab's state-of-the-art wind tunnel facilities, which were emulated by other institutions nationwide. His expertise led to collaborative research projects sponsored by the U.S. Air Force, U.S. Army, Department of Defense and many industry partners.

Notably, Professor Lee played a significant role in the design of the propeller and airfoils of the Piaggio Avanti, a fast turboprop aircraft still flying today. His creativity and thoughtfulness continue to inspire subsequent generations.

Professor Lee's dedication to education, service and research spanned his lifetime. Even after retirement, he remained a steadfast figure at the Aerospace Research Center, AARL's successor. He often visited the center and happily shared his wisdom with faculty and students through age 94, and engaged in novel areas of research, such as gas dynamic lasers.

Additional departmental achievements realized by Professor Lee include serving as director of the National Center for Hypersonic Training and Research and establishing the General Aviation Design and Analysis Center.

On behalf of the university community, the Board of Trustees expresses to the family of Professor John D. Lee its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees

and that a copy be tendered to his family as an expression of the board's heartfelt sympathy and appreciation.

### **Glyn Meyrick**

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on January 11, 2019, of Glyn Meyrick, Professor Emeritus of Materials Science and Engineering in the College of Engineering.

Professor Meyrick received his doctorate in physics at the University of Bristol in Great Britain in 1960. After working in research there, he and his wife, Anne, emigrated to the United States. In September of 1967, he joined Ohio State as an associate professor in what was then the Department of Metallurgical Engineering. He served on the faculty from 1967 until his retirement in 1998. After retirement, he was rehired a number of times and his last day of work at Ohio State was ultimately September 16, 2002 — a span of 35 years since his initial appointment.

He and his colleagues carried out research on phase transformations in metals and general physical metallurgy. He was highly regarded by his students, receiving several teaching awards, including the McQuigg Award for Teaching Excellence in the College of Engineering. In one of his early classes, he received the rare accolade of having his students give him a standing ovation at the end of the quarter. He served with distinction on a number of departmental committees and was an inspirational mentor to new faculty members.

Professor Meyrick was active in the forensic analysis of metal failures leading to automobile or industrial accidents. This work was much appreciated in the local legal profession. He also was active with the automobile industry. He was an advisor to the National Highway Traffic Safety Administration via the Ohio Vehicle Research Test Center and carried out related research on the failure of disc brakes, seat belt fixtures and other automotive components.

He served on several college and university committees, notably the Athletic Council. There, his strong sense of right and wrong led to some important changes in procedures. He was also on the informal committee whose efforts led to the construction of Larkins Hall.

In 1966, he and two others founded the Ohio State Rugby Football Club, which today is one of the top programs nationally. He played and later coached and served Ohio as a referee. The high regard of his fellow players is reflected by the several honors that he received. These include a captaincy, an award in 1976 as the Rugby Man of the Decade, and his election to the initial class of the OSURFC Hall of Fame in 2016.

On behalf of the university community, the Board of Trustees expresses to the family of Professor Glyn Meyrick its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the board's heartfelt sympathy and appreciation.

#### Peter Spike

The Board of Trustees of The Ohio State University expresses its sorrow regarding the death on April 17, 2019, of Peter "Pete" Spike, Associate Professor Emeritus in the Department of Animal Sciences.

Professor Spike spent his lifetime dedicated to the students at Ohio State, as well as to Ohio's dairy industry. Born in Saline, Michigan, Professor Spike was valedictorian of the Milan Area High School Class of 1959. He went on to earn degrees in Dairy Science and Animal Breeding at Michigan State University and Iowa State University, where he also earned his doctorate in Animal Breeding. His college honors included membership in Farm House, Alpha Zeta, Phi Kappa Phi, Gamma Sigma Delta and Epsilon Sigma Phi Fraternities.

Across his more than 30-year career in Ohio, he served as an area agent, extension specialist and associate professor with the dairy industry and Department of Animal Sciences through Ohio State until his retirement in 2004. Throughout his career, he was a teacher and friend to his numerous students and colleagues. During his tenure, he not only coached numerous successful 4-H and Collegiate Dairy Judging teams, but also spent countless hours in service to dairy youth projects and events at the state and national levels, and he contributed much to his professional field. He took students to the first North American Intercollegiate Dairy Challenge Contest in 2002, and was instrumental in starting the Ohio Dairy Challenge. Both of these programs still exist today.

For years, Professor Spike managed the Dairy Division of the Ohio State Fair, along with the coordination of Ohio State students who managed the parlor and even the display of dairy breeds at the fair. His extension appointment took him into major building projects of new dairy farms in Ohio, and he was seen as an important source of current information related to commercial and purebred dairy herds.

A few of Professor Spike's honors include Coach, National Champion 4-H Dairy Cattle Judging Team; recipient of several Outstanding Faculty and Service Awards; the A.J. Wright Award; the Outstanding Young Teacher Award; the Outstanding Academic Advisor Award; and Dairy Hall of Service Honoree in conjunction with Ohio State. He was a member of the American Dairy Science Association as well as the Ohio Holstein Association, where he served as a board member, vice president and president. He was the treasurer of the Ohio Cooperative Extension Agents Association and served in the various offices of his collegiate fraternal organizations.

Furthermore, Professor Spike was awarded an Honorary American FFA Degree, an Award of Honor from the Ohio Purebred Dairy Cattle Association, a Distinguished Service Award with the Ohio Holstein Association, the Hoards Dairyman Youth Development Award from the American Dairy Science Association, and he was an Ohio State Fair Hall of Fame Honoree. Most recently, he received the Giant Step Award from The Fifty Year Club of the Ohio State Fair.

Upon his retirement in 2004, a university endowment was established in his name. Fundraising for this endowment was concluded in 2010. In his obituary, the family designated this endowment as the preferred source for contributions made in his memory.

On behalf of the university community, the Board of Trustees expresses to the family of Professor Peter Spike its deepest sympathy and sense of understanding of their loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to his family as an expression of the board's heartfelt sympathy and appreciation.

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## APPROVAL OF FY2020 INTERIM OHIO STATE ENERGY PARTNERS UTILITY SYSTEM CAPITAL IMPROVEMENT PROJECTS

#### Resolution No. 2019-89

Synopsis: Authorization and acceptance of the Ohio State Energy Partners LLC interim fiscal year 2020 plan and authorization for Ohio State Energy Partners LLC to make capital improvements to the utility system pursuant to terms of the Long-Term Lease and Concession Agreement for The Ohio State University Utility System dated April 10, 2017, as amended ("Agreement"), is proposed.

WHEREAS the Agreement requires the concessionaire, Ohio State Energy Partners LLC, to annually submit a plan for utility system capital improvement projects for university approval; and

WHEREAS the plan includes requested approval of these utility system capital improvement projects for the fiscal year beginning July 1, 2019; and

WHEREAS the university has not finalized its operating budget or capital investment plan for fiscal year 2020; and

WHEREAS it is necessary to continue time-sensitive utility systems projects until the fiscal year 2020 operating and capital plans are finalized and adopted; and

WHEREAS the concessionaire has provided the detailed descriptions of the proposed capital improvements, supporting technical data and analysis, pursuant to Section 4.3(c) of the Agreement; and

WHEREAS the projects will be delivered pursuant to the terms of the Agreement; and

WHEREAS the capital expenditures for the approved utility system projects will be added to the variable fee component of the utility fee pursuant to the Agreement; and

WHEREAS the university has reviewed and considered the financial, technical and operational aspects of these projects and the projects' alignment with university plans and sustainability goals; and

WHEREAS the Master Planning and Facilities Committee has reviewed the projects for alignment with all applicable campus plans and guidelines; and

WHEREAS the Finance Committee has reviewed the projects for alignment with the Capital Investment Plan and other applicable financial plans:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves and authorizes Ohio State Energy Partners LLC to proceed with the Interim Fiscal Year 2020 capital improvements to the Utility System as outlined in the attached materials.

(See Appendix XLIV for background information, page 1042)

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# APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

Resolution No. 2019-90

### APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES CONTRACTS

Cannon Drive Relocation – Phase 2 Comprehensive Transportation & Parking Plan Update WMC Regional Ambulatory Facilities – Dublin

### APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

Arts District Morehouse Tower – 7th – 8th Floor Updates Taylor Tower – Main Entrance VMC Community Practice Hospital & Learning Center WMC Regional Ambulatory Facilities – Hamilton Road APPROVAL TO ENTER INTO/INCREASE CONSTRUCTION CONTRACTS

Newark – John & Mary Alford Center for Science and Technology Service Building Annex Renovation Ty Tucker Tennis Center WMC West Campus Ambulatory Facilities

Synopsis: Authorization to enter into/increase professional services and construction contracts, as detailed in the attached materials, is proposed.

WHEREAS in accordance with the attached materials, the university desires to enter into/increase professional services contracts for the following projects; and

|  | Prof. Serv.<br>Approval<br>Requested | Total Project<br>Cost |                                   |
|--|--------------------------------------|-----------------------|-----------------------------------|
| Canon Drive Relocation –<br>Phase 2                | \$5.2M                               | TBD                   | University Debt<br>OSEP Funds     |
| Comprehensive Transportation & Parking Plan Update | \$0.3M                               |                       | University Funds<br>Partner Funds |
| WMC Regional Ambulatory<br>Facility - Dublin       | \$12.0M                              | TBD                   | Auxiliary Funds                   |

WHEREAS in accordance with the attached materials, the university desires to enter into/increase professional services contracts and enter into/increase construction contracts for the following projects; and

| Arts District  | Prof. Serv.<br>Approval<br>Requested<br>\$1.0M | Construction<br>Approval<br>Requested<br>\$145.6M | Total<br>Project<br>Cost<br>\$161.6M | University Debt<br>Fundraising<br>University Funds<br>OSEP Funds |
|--|--|---|--------------------------------------|--|
| Morehouse Tower – 7th<br>& 8th Floor Updates             | \$0.7M   | \$4.3M  | \$5.0M                               | Auxiliary Funds  |
| Taylor Tower – Main<br>Entrance                          | \$1.0M   | \$10.0M   | \$11.0M                              | Auxiliary Funds  |
| VMC Community<br>Practice Hospital &<br>Learning Center  | \$2.0M   | \$15.5M   | \$17.5M                              | Fundraising<br>University Funds                                  |
| WMC Regional<br>Ambulatory Facilities –<br>Hamilton Road | \$11.0M  | \$114.9M  | \$137.9M                             | Auxiliary Funds  |

WHEREAS in accordance with the attached materials, the university desires to enter into/increase construction contracts for the following projects; and

| Newark – John & Mary Alford<br>Center for Science and<br>Technology | Construction<br>Approval<br>Requested<br>\$29.7M | Total<br>Project<br>Cost<br>\$32.0M | University Debt<br>Fundraising<br>University Funds |
|---|--|-------------------------------------|--|
| Service Building Annex<br>Renovation                                | \$1.7M   | \$8.7M                              | University Funds                                   |
| Ty Tucker Tennis Center   | \$20.9M  | \$22.8M                             | Fundraising  |
| WMC West Campus<br>Ambulatory Facilities                            | \$6.6M   | TBD                                 | Auxiliary Funds                                    |

WHEREAS the Master Planning and Facilities Committee has reviewed the projects listed above for alignment with all applicable campus plans and guidelines; and

WHEREAS the Finance Committee has reviewed the projects listed above for alignment with the Capital Investment Plan and other applicable financial plans:

### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the fiscal year 2019 Capital Investment Plan be amended to include additional construction for the Ty Tucker Tennis Center; and

BE IT RESOLVED, That the Board of Trustees hereby approves that the President and/or Senior Vice President for Business and Finance be authorized to enter into/increase professional services and construction contracts for the projects listed above in accordance

with established university and State of Ohio procedures, with all actions to be reported to the board at the appropriate time.

(See Appendix XLV for background information, page 1047)

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# APPROVAL OF THE SALE OF REAL PROPERTY

Resolution No. 2019-91

## SHIER RINGS ROAD DUBLIN, FRANKLIN COUNTY, OHIO

Synopsis: Authorization is requested to sell +/- 20.887 acres of real property located at Shier Rings Road, Dublin, Franklin County, Ohio.

WHEREAS the property, Parcel ID 273-000297, is located at the intersection of Shier Rings Road and Wilcox Road in Dublin, Ohio; and

WHEREAS the property is not needed for university purposes and the Office of Financial Services is seeking authorization to sell the property; and

WHEREAS it has been recommended by the Office of Planning and Real Estate, in coordination with the Office of Financial Services, that the university sell the property; and

WHEREAS proceeds from the sale will benefit the university to the credit of the university operating funds:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the sale of real property as detailed above and in the attached documents; and

BE IT FURTHER RESOLVED, That the President and/or Senior Vice President and CFO for Business and Finance are authorized to take any action required to effect the sale of the property and to negotiate a purchase contract containing terms and conditions deemed to be in the best interest of the university.

(See Appendix XLVI for background information, page 1059)

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### PERSONNEL ACTIONS

Resolution No. 2019-92

BE IT RESOLVED, That the Board of Trustees hereby approves the personnel actions as recorded in the personnel budget records of the university since the February 22, 2019, meeting of the board, including the following appointments and contract renewals:

Appointments Name: Molly Ranz-Calhoun Title: Interim Senior Vice President Unit: Office of Student Life Term: June 24, 2019 Name: Jake Wozniak Title: Treasurer and Vice President Financial Services and Innovation Unit: Office of Business and Finance Term: March 1, 2019

### **Renewals**

Name: Christopher Culley Title: Senior Vice President, General Counsel and Senior Advisor to the President Unit: Office of Legal Affairs Term: April 1, 2019

Name: Ryan P. Day Title: Head Coach Unit: Football Term: January 2, 2019 to January 31, 2024

Name: Eugene D. Smith Title: Senior Vice President and Wolfe Foundation Endowed Athletics Director Unit: Athletics Term: July 1, 2020 to June 30, 2022

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### UNIVERSITY FOUNDATION REPORT

Resolution No. 2019-93

Synopsis: Approval of the University Foundation Report as of April 30, 2019, is proposed.

WHEREAS monies are solicited and received on behalf of the university from alumni, industry and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts are received through The Ohio State University Foundation; and

WHEREAS this report includes: (i) the establishment of one (1) endowed chair: the Andrei Baronov and Ratmir Timashev Endowed Chair in Data Analytics; and forty (40) additional named endowed funds; and (ii) the revision of eleven (11) named endowed funds:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves The Ohio State University Foundation Report as of April 30, 2019.

(See Appendix XLVII for background information, page 1061)

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# NAMING OF THE ACCENTURE APPLIED INTELLIGENCE STUDIO

Resolution No. 2019-94

### IN POMERENE HALL

Synopsis: Approval for naming of the ideation zone lab (320a) within the Translational Data Analytics Institute in Pomerene Hall located at 1760 Neil Avenue, is proposed.

WHEREAS the Translational Data Analytics Institute is designed to address complex global problems requiring data science analytics, know-how and curiosity at a pace and scale few others can match; and

WHEREAS the Translational Data Analytics Institute, housed in Pomerene Hall, enables collaboration and innovation with industry and community partners through ideation spaces such as the innovation lab that is outfitted with smart technology to be used for research and learning; and

WHEREAS Accenture LLP has provided significant contributions to the Institute; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

#### NOW THEREFORE

BE IT RESOLVED, That in acknowledgement of Accenture LLP's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned ideation zone lab (room 320a) be named the Accenture Applied Intelligence Studio for a period of seven years.

\*\*\*

#### NAMING OF THE PILOT DAY ROOM COURTESY OF CITY BARBEQUE

Resolution No. 2019-95

### AT THE OHIO STATE UNIVERSITY AIRPORT

Synopsis: Approval for the naming of the pilot day room at The Ohio State University Airport located at 2160 West Case Road, is proposed.

WHEREAS The Ohio State University Airport is one of the leading general aviation facilities in the nation, partnering with the community to expand opportunities for citizens of Ohio since 1942; and

WHEREAS The Ohio State University Airport offers a learning lab for future professionals, a core facility for university research, and service to Columbus area industry; and

WHEREAS City Barbeque has provided significant contributions to the construction of The Ohio State University Airport; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

### NOW THEREFORE

BE IT RESOLVED, That in acknowledgment of City Barbeque's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned pilot day room be named the Pilot Day Room Courtesy of City Barbeque through the life of the physical facility.

\*\*\*

### NAMING OF MULTIPLE SPACES IN THE COVELLI CENTER

Resolution No. 2019-96

# DEPARTMENT OF ATHLETICS

Synopsis: Approval for naming of multiple spaces in the Covelli Center, located at 2640 Fred Taylor Drive, Columbus, Ohio 43210, is proposed.

WHEREAS the Covelli Center, a multi-sport facility, will serve as a state-of-the-art competition venue for men's and women's fencing, men's and women's gymnastics, men's and women's volleyball and wrestling; and

WHEREAS the Covelli Center will serve as a home for the men's and women's volleyball student-athletes, as well as the wrestling team, complete with locker rooms, coaches' offices, and video and lounge spaces; and

WHEREAS this facility will help attract and retain the best prospective student-athletes; and

WHEREAS the donors listed below have provided significant contributions to the construction of the Covelli Center and the Athletics District projects; and

- Shyan and Michael O'Shaughnessy
- Deborah and Keith Wandell

WHEREAS these namings have been reviewed according to the approval process outlined in the Naming Guidelines policy:

## NOW THEREFORE

BE IT RESOLVED, That in acknowledgment of the aforementioned donors' philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that for the life of the physical facility the aforementioned spaces be named the following:

- Mike & Shyan O'Shaughnessy Court
- Wellington Lew Lash Lobby

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## NAMING OF THE HADLER FAMILY SOLID TUMOR WAITING AREA IN HONOR OF STEPHEN V. BREECH

Resolution No. 2019-97

### IN THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER – ARTHUR G. JAMES CANCER HOSPITAL AND RICHARD J. SOLOVE RESEARCH INSTITUTE

Synopsis: Approval for the naming of the Solid Tumor Waiting Area (Room A500) in The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, located at 460 West 10th Avenue, is proposed.

WHEREAS the expansion of the Wexner Medical Center's campus was the largest project in Ohio State's history, increasing world-class cancer care in central Ohio; and

WHEREAS the 21-level hospital will help revolutionize the way cancer prevention and care are provided in this nation, with world-class oncologists and cancer researchers working side-by-side to unlock the mysteries of why we get cancer and, using those discoveries, move from treating cancer to preventing it from even occurring; and

WHEREAS the Hadler family has provided significant contributions to The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

NOW THEREFORE

BE IT RESOLVED, That in acknowledgement of the Hadler family's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned Solid Tumor Waiting Area (Room A500) of the The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute be named The Hadler Family Solid Tumor Waiting Area in honor of Stephen V. Breech for the life of the current facility.

\*\*\*

# RENAMING OF THE MARCI AND BILL INGRAM ADULT AUTISM AND DEVELOPMENTALLY DISABLED PATIENT PROGRAM

Resolution No. 2019-98

# AT THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

Synopsis: Approval for the renaming of the Marci and Bill Ingram Comprehensive Center for Autism Spectrum Disorders, is proposed.

WHEREAS the Center for Autism and Services and Transition (CAST) offers clinical services for adult and transition-age youth patients with autism; and

WHEREAS the Ingram family has affirmed their philanthropic support of significant contributions to the Center for Autism Services and Transition clinic; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

NOW THEREFORE

BE IT RESOLVED, That in acknowledgment of the Ingram family's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned Marci and Bill Ingram Comprehensive Center for Autism Spectrum Disorders be renamed The Marci and Bill Ingram Adult Autism and Developmentally Disabled Patient Program.

\*\*\*

#### NAMING OF MULTIPLE SPACES IN THE JENNINGS WRESTLING FACILITY

Resolution No. 2019-99

#### DEPARTMENT OF ATHLETICS

Synopsis: Approval for naming of multiple spaces in the Jennings Wrestling Facility, located at 684 Irving Schottenstein Drive, Columbus, Ohio 43210, is proposed.

WHEREAS the Jennings Wrestling Facility will provide a state-of-the-art practice facility, coaches' offices and other spaces for Ohio State wrestling student-athletes; and

WHEREAS the Jennings Wrestling Facility will serve as a space for the wrestling studentathletes to lift, condition, train and rehabilitate injuries, and to strive for peak performance; and

WHEREAS this facility will help attract and retain the best prospective wresting student-athletes; and

WHEREAS the donors listed below have provided significant contributions to the construction of the Jennings Wrestling Facility; and

- Kristi and Darrel Creps
- Stephen E. Kaufmann
- Deborah and Jack Miller
- Kathleen and Christopher Snyder

WHEREAS these namings have been reviewed according to the approval process outlined in the Naming Guidelines policy:

#### NOW THEREFORE

BE IT RESOLVED, That in acknowledgment of the aforementioned donors' philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that for the life of the physical facility the aforementioned spaces be named the following:

- Creps Family Lobby
- Kaufmann Lounge
- Teague Ryan and Family Recruiting War Room
- Kathleen and Chris Snyder Weight Room

\*\*\*

#### NAMING OF THE GRETCHEN & GREGG LEVY FAMILY STAGE

Resolution No. 2019-100

#### DRINKO HALL, MORITZ COLLEGE OF LAW

Synopsis: Approval for the naming of the stage in Saxbe Auditorium (Room 130) in Drinko Hall, located at 55 West 12th Avenue, is proposed.

WHEREAS the Moritz College of Law is one of the nation's leading public law schools and it strives to make a difference in the world through excellence in teaching, meaningful scholarship and advancement of the legal profession; and

WHEREAS the William B. Saxbe Law Auditorium brings together students, faculty and staff for engaging guest lectures, stimulating symposia and spirited community events, which contribute expertise to the public conversations and initiatives that lead to the improvement of law and the administration of justice; and

WHEREAS Gretchen and Gregg Levy have provided significant contributions to the Moritz College of Law; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

NOW THEREFORE

BE IT RESOLVED, That in acknowledgement of Gretchen and Gregg Levy's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned stage in Saxbe Auditorium be named The Gretchen & Gregg Levy Family stage for the life of the current facility.

\*\*\*

#### NAMING OF FRANK STANTON VETERINARY SPECTRUM OF CARE CLINIC

Resolution No. 2019-101

#### COLLEGE OF VETERINARY MEDICINE

Synopsis: Approval for the naming of the veterinary primary care clinic on the veterinary campus, is proposed.

WHEREAS the College of Veterinary Medicine is consistently recognized as a leading veterinary education and research program and is among the largest of its kind, uniquely

located in a heavily populated urban area surrounded by a strong rural and agricultural base; and

WHEREAS the veterinary primary care clinic will serve as a hands-on clinical training opportunity for veterinary students and support the continuum of clinical training and Spectrum of Care education that results in more confident and competent veterinary graduates; and

WHEREAS the "Spectrum of Care" is a veterinary medical care initiative that aims to address the growing problem of affordability of veterinary care by training veterinarians to provide a continuum of acceptable care that takes into account available evidence-based medicine, client expectations and financial limitations, thus allowing them to successfully serve an economically diverse clientele; and

WHEREAS the Stanton Foundation has provided significant contributions to the College of Veterinary Medicine; and

WHEREAS the naming has been reviewed according to the approval process outlined in the Naming Guidelines policy:

#### NOW THEREFORE

BE IT RESOLVED, That in acknowledgement of the Stanton Foundation's philanthropic support, the Board of Trustees hereby approves in accordance with paragraph (D) of rule 3335-1-08 of the Administrative Code, that the aforementioned veterinary primary care clinic be named the Frank Stanton Veterinary Spectrum of Care Clinic for the life of the current facility.

\*\*\*

#### **REVOCATION OF EMERITUS STATUS**

Resolution No. 2019-102

Synopsis: Revocation of professor emeritus title, is proposed.

WHEREAS Dr. Richard Strauss was employed by the university from 1978 to 1998, and he was granted the title of professor emeritus, effective March 1, 1998; and

WHEREAS the university commissioned an independent investigation by Perkins Coie LLP after survivors brought forward allegations of sexual abuse in spring 2018; and

WHEREAS the report delivered by Perkins Coie LLP in May 2019 concludes that Strauss engaged in acts of abuse against at least 177 former students; and

WHEREAS Strauss's actions are antithetical to the university's values; and

WHEREAS the president is recommending that the university revoke said emeritus title from Strauss, who died in 2005; and

WHEREAS the president has fully complied with applicable procedures and university rules and in accordance with those procedures and rules:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the revocation of professor emeritus title from Richard Strauss.

(See Appendix XLVIII for background information, page 1097)

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#### AMENDMENTS TO THE CODE OF STUDENT CONDUCT

Resolution No. 2019-103

Synopsis: Approval of the following amendments to the *Code of Student Conduct*, is proposed.

WHEREAS the University Senate, pursuant to rule 3335-5-48.4 (B)(8) of the Administrative Code, is authorized to recommend to the Board of Trustees the adoption of amendments to the *Code of Student Conduct* as proposed by the Council on Student Affairs and approved by the University Senate; and

WHEREAS the proposed changes to the *Code of Student Conduct* were approved by the University Senate on April 18, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the *Code of Student Conduct* be adopted as recommended by the University Senate effective no earlier than August 1, 2019, and on the date of issuance of interim university policies 1.10 and 1.15.

(See Appendix XLIX for background information, page 1098)

#### \*\*\*

#### AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 2019-104

Synopsis: Approval of the following amendments to the *Rules of the University Faculty*, is proposed.

WHEREAS the University Senate, pursuant to rule 3335-1-09 of the Administrative Code, is authorized to recommend through the president to the Board of Trustees the adoption of amendments to the *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes to rule 3335-48.14 in the *Rules of the University Faculty* was approved by the University Senate on February 28, 2019; and

WHEREAS the proposed changes to rule 3335-5-48 through rule 3335-5-48.16, rule 3335-7-01 through rule 3335-7-37, and to rules 3335-5-37, 3335-5-38, 3335-17-01, 3335-17-02, 3335-17-03, 3335-17-04, 3335-17-05, and 3335-17-08 in the *Rules of the University Faculty* were approved by the University Senate on April 18, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the attached amendments to the *Rules of the University Faculty* be adopted as recommended by the University Senate.

(See Appendix L for background information, page 1119)

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#### ESTABLISHMENT OF A NEW DEGREE PROGRAM: BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY

Resolution No. 2019-105

#### COLLEGE OF ENGINEERING

Synopsis: Approval to establish a Bachelor of Science in Engineering Technology degree program in the College of Engineering for the Lima, Marion, Mansfield and Newark campuses, is proposed.

WHEREAS the Bachelor of Science in Engineering Technology degree program was developed in response to the growing needs of regional and state manufacturers for highly skilled college graduates who possess broad training in manufacturing engineering technology and are prepared for plant management roles; and

WHEREAS the program will begin in Autumn 2020, initially with the focus on Manufacturing Engineering Technology and initially at the Lima, Marion and Mansfield campuses, with the Newark campus added later; and

WHEREAS the regional campuses will assume budgetary responsibility; clinical faculty will assume much of the teaching responsibilities; a program coordinator will be appointed and student services are available; and a full curriculum outline has been established; and

WHEREAS the proposal was reviewed and approved by the Council on Academic Affairs at its meeting on March 20, 2019; and

WHEREAS the proposal was reviewed and approved by the University Senate on April 18, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the establishment of a Bachelor of Science in Engineering Technology degree program.

(See Appendix LI for background information, page 1150)

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#### ESTABLISHMENT OF A DEGREE PROGRAM: MASTER OF ENGINEERING MANAGEMENT

Resolution No. 2019-106

#### COLLEGE OF ENGINEERING

Synopsis: Approval to establish a Master of Engineering Management degree program in the College of Engineering, is proposed.

WHEREAS the Master of Engineering Management program is a post-baccalaureate professional degree aimed at practicing engineers, with a title that conveys both the technical aspects of an engineering degree and the important management and leadership skills necessary for success in business management and economic, social and political domains; and

WHEREAS the degree program has a target audience of engineers from the public or private sectors who have been in the field three to 10 years; and

WHEREAS the degree program is aligned with the College of Engineering's strategic plan, which was updated in 2018; and

WHEREAS the degree program is a 30 semester credit hour program (core and elective courses and a capstone course) that students can complete on a full- or part-time basis; and

WHEREAS the content for the degree will be provided by faculty in the College of Engineering and content experts in the John Glenn College of Public Affairs and the Fisher College of Business, and delivered using distance education technology; and

WHEREAS the proposal was reviewed and approved by the Council on Academic Affairs at its meeting on March 20, 2019; and

WHEREAS the proposal was reviewed and received a vote of approval by the University Senate on April 18, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the establishment of a Master of Engineering Management degree program.

(See Appendix LII for background information, page 1228)

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#### DEGREES AND CERTIFICATES

Resolution No. 2019-107

Synopsis: Approval of degrees and certificates for summer term 2019, is proposed.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees, the names of persons who have completed degree and certificate requirements:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the degrees and certificates to be conferred on August 4, 2019, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools.

(See Appendix LIII for background information, page 1264)

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#### HONORARY DEGREE

Resolution No. 2019-108

Synopsis: Approval of the below honorary degrees, is proposed.

WHEREAS pursuant to paragraph (A)(3) of rule 3335-1-03 of the Administrative Code, the president, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees the awarding of the honorary degree as listed below:

Fareed Zakaria

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the awarding of the above honorary degree.

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#### FACULTY PERSONNEL ACTIONS

Resolution No. 2019-109

BE IT RESOLVED, That the Board of Trustees hereby approves the faculty personnel actions as recorded in the personnel budget records of the university since the February 21, 2019, meeting of the board, including the following appointments, appointments/reappointments of chairpersons, faculty professional leaves and emeritus titles: Appointments

Name: OLIVER ADUNKA

Title: Professor (William H. Saunders M.D. Professorship in Otolaryngology)

College: Medicine

Term: March 1, 2019 through February 28, 2023

Name: BRIDGET A. CHAPMAN

Title: Clinical Assistant Professor (Sander and Mechele Flaum Designated Professorship in Fluency)

College: Arts and Sciences

Term: March 1, 2019 through August 31, 2020

| Name:                                | *LINCOLN L. DAVIES  |
|--------------------------------------|---|
| Title:                               | Dean and Professor (Frank R. Strong Chair in Law)   |
| College:                             | Moritz College of Law   |
| Term:                                | July 1, 2019 through June 30, 2024  |
| Name:                                | *ISABELLE DESCHENES   |
| Title:                               | Professor (Bernie Frick research Chair in Heart Failure and Arrhythmia)   |
| Title:                               | Professor (Chair, Department of Physiology and Cell Biology)  |
| College:                             | Medicine  |
| Term:                                | August 1, 2019  |
| Name:                                | *AMY FAIRCHILD  |
| Title:                               | Dean and Professor  |
| College:                             | Public Health   |
| Term:                                | July 1, 2019 through May 31, 2024   |
| Name:<br>Title:<br>College:<br>Term: | ROGER B. FINGLAND<br>Frank Stanton Endowed Chair in General Practice and Canine Health and<br>Wellness<br>Veterinary Medicine<br>April 1, 2019 through May 31, 2024         |
| Name:                                | RAMIRO GARZON   |
| Title:                               | Professor (Bertha Bouroncle MD and Andrew Pereny Chair of Medicine)   |
| College:                             | Medicine  |
| Term:                                | March 1, 2019 through February 29, 2023   |
| Name:<br>Title:<br>College:<br>Term: | RICHARD GUMINA<br>Associate Professor (James Hay and Ruth Jansson Wilson Professorship in<br>Cardiology)<br>Medicine<br>March 1, 2019 through February 28, 2023             |
| Name:<br>Title:<br>College:<br>Term: | CHRISTOPHER HOCH<br>Professor (Endowed Chair for Director of The Ohio State University Marching<br>Band)<br>Arts and Sciences<br>April 1, 2019 through May 31, 2020         |
| Name:<br>Title:<br>College:<br>Term: | JOEL T. JOHNSON<br>Professor (Burn Jeng Lin, PhD and Sue Huange Lin Endowed ElectroScience<br>Laboratory Professorship)<br>Engineering<br>June 1, 2019 through May 31, 2024 |
| Name:                                | HELEN I. MALONE   |
| Title:                               | Vice Provost for Academic Policy and Faculty Resources  |
| College:                             | Academic Affairs  |
| Term:                                | June 1, 2019 through May 31, 2024   |

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|--|---|
| Name:<br>Title:<br>Title:<br>Title:<br>College:<br>Term: | *KINH LUAN PHAN<br>Professor (Charles F. Sinsabaugh Chair in Psychiatry)<br>Professor (Chair, Department of Psychiatry and Behavioral Health)<br>Chief of Psychiatry Services for the Health System<br>Medicine<br>June 1, 2019 through June 30, 2023 |
| Name:<br>Title:<br>College:<br>Term:                     | *GRETCHEN RITTER<br>Executive Dean and Vice Provost<br>Arts and Sciences<br>August 1, 2019 through July 31, 2024  |
| Name:<br>Title:<br>College:<br>Term:                     | *RACHEL SKAGGS<br>Assistant Professor (Lawrence and Isabel Barnett Endowed Professorship of<br>Arts Management)<br>Arts and Science<br>August 16, 2019 through August 15, 2024  |
| Name:<br>Title:<br>College:                              | ALLAN TSUNG<br>Professor (John L. Marakas Nationwide Insurance Enterprise Foundation Chair<br>in Cancer Research)<br>Medicine   |
| Term:<br>Name:<br>Title:<br>College:<br>Term:            | March 1, 2019 through February 28, 2023<br>*ORI YEHUDAI<br>Assistant Professor (Sault and Sonia Schottenstein Chair in Israel Studies)<br>Arts and Science<br>August 20, 2019 through August 19, 2024Name:  |
| Reappoir   | <u>itments</u>  |
| Name:<br>Title:<br>Title:<br>College:<br>Term:           | WENDY L. FRANKEL<br>Professor (Ralph W. and Helen Kurtz Chair in Pathology)<br>Professor (Chair, Department of Pathology)<br>Medicine<br>July 1, 2019 through June 30, 2023   |
| Name:<br>Title:<br>College:<br>Term:                     | TINA M. HENKIN<br>Professor (Robert W. and Estelle S. Bingham Designated Professorship)<br>Arts and Sciences<br>July 1, 2019 through August 31, 2024  |
| Name:<br>Title:<br>College:<br>Term:                     | MICHELLE L. JONES<br>Professor (D.C. Kiplinger Chair in Floriculture)<br>Food, Agriculture and Environmental Sciences<br>February 1, 2019 through January 31, 2022  |
| Name:<br>Title:<br>College:<br>Term:                     | WILLIAM L. MACDONALD<br>Dean and Director<br>Newark<br>June 1, 2019 through June 30, 2024   |
|  |   |

Name:MARIA PALAZZITitle:Professor (Ohio Eminent Scholar in Art and Design Technology)College:Arts and SciencesTerm:September 1, 2019 through July 31, 2020

Name: KARLA S. ZADNIK Title: Dean College: Optometry Term: July 1, 2019 through June 31, 2024

Name:DONGPING ZHONGTitle:Professor (Robert Smith Endowed Professorship in Physics)College:Arts and SciencesTerm:September 1, 2019 through August 31, 2024

(See Appendix LIV for background information, page 1376)

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#### APPROVAL OF INTERIM OPERATING BUDGET AND INTERIM CAPITAL INVESTMENT PLAN FOR FISCAL YEAR 2020

Resolution No. 2019-110

Synopsis: Authorization to make expenditures in fiscal year 2020, is proposed.

WHEREAS the State of Ohio Biennial Budget for State Fiscal Years 2020 and 2021, including funding levels for state institutions of higher education, is still pending in the Ohio General Assembly; and

WHEREAS the university has not yet finalized its operating budget and capital expenditure plan for fiscal year 2020; and

WHEREAS this will allow the university to continue to advance the academic and financial goals during the period from July 1, 2019 through August 31, 2019; and

WHEREAS it is necessary to continue operating and capital expenditures, including payment of faculty and staff, operation of the Wexner Medical Center and other auxiliaries and student instructional and support services prior to the time that the fiscal year 2020 operating budget is finalized and adopted; and

WHEREAS the Finance Committee has reviewed and recommends for approval the interim operating budget and capital expenditure plan:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby authorizes the university to make operating expenditures consistent with the level of resources approved for fiscal year 2019 and capital expenditures consistent with the interim fiscal year 2020-2024 Capital Investment Plan, pending the adoption of the fiscal year 2020 operating budget and the fiscal year 2020-2024 Capital Investment Plan at the August 2019 Board of Trustees meeting.

(See Appendix LV for background information, page 1397)

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#### MODIFICATION OF BENCHMARK WEIGHTING FOR CERTAIN ASSET CLASSES FOR THE LONG-TERM INVESTMENT POOL

Resolution No. 2019-111

Synopsis: Modifying the university's benchmark weighting for certain asset classes for the university's Long- Term Investment Pool, is proposed.

WHEREAS The Ohio State University Board of Trustees previously amended the asset classes and allocations, benchmarks and benchmark weighting for the university's Long-Term Investment Pool effective as of July 2014; and

WHEREAS there is a desire to modify the benchmark weighting for certain asset classes for the Long-Term Investment Pool; and

WHEREAS the Chief Investment Officer has recommended to the Senior Vice President for Business and Finance certain modifications to the benchmark weighting for certain asset classes for the Long-Term Investment Pool; and

WHEREAS the Senior Vice President for Business and Finance has reviewed the proposed modifications to the benchmark weighting for certain asset classes for the Long-Term Investment Pool, has determined that it is appropriate and in the best interest of the university that such modifications be adopted, and has recommended such modifications to the Finance Committee; and

WHEREAS the Finance Committee has approved such modifications to the benchmark weighting for certain asset classes for the Long-Term Investment Pool; and

WHEREAS the Finance Committee hereby recommends such modifications to the benchmark weighting for certain asset classes for the Long-Term Investment Pool to The Ohio State University Board of Trustees:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the following benchmark weighting for all asset classes for the Long-Term Investment Pool to be effective beginning July 1, 2019:

| Asset Class     | <u>Range</u> | Modified LTIP Benchmark Weighting |
|-----------------|--------------|-----------------------------------|
| Global Equities | 40-80%       | 65%                               |
| Global Credit   | 10-50%       | 25%                               |
| Read Assets     | 5-20%        | 10%                               |

(See Appendix LVI for background information, page 1399)

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#### WAIVER OF TUITION FOR STUDY ABROAD

Resolution No. 2019-112

Synopsis: Waiver of tuition for Ohio State students who enroll in university-approved thirdparty provider/direct enroll study abroad programs for fiscal year 2020 and fiscal year 2021, is proposed.

WHEREAS the Board of Trustees of The Ohio State University supports academic programs that meet the needs of Ohio State students; and

WHEREAS Ohio State students who participate in study abroad programs through thirdparty providers or direct enrollment are required to pay tuition to the host institution; and

WHEREAS students benefit from continued enrollment at Ohio State during study abroad, which allows them to earn Ohio State credit, access financial aid and receive support when needed in other circumstances; and

WHEREAS Ohio State has, since fiscal year 2015, requested and received a tuition waiver for approved third-party provider/direct enroll study abroad programs from the Board of Trustees and the Ohio Department of Higher Education (ODHE) so that students avoid two tuition payments during study abroad; and

WHEREAS the university seeks to continue the study abroad tuition waiver, but the current waiver expires after June 30, 2019; and

WHEREAS the Ohio Department of Higher Education requires a Board of Trustees resolution to consider a new tuition waiver per Ohio Revised Code and ODHE directive 2009-011:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves to waive tuition and fees at The Ohio State University for students enrolled in a third-party provider/direct enroll study abroad program and to allow the students to remain enrolled at the university while participating in these programs; and

BE IT FURTHER RESOLVED, That this approval will become effective for all semesters and terms, beginning July 1, 2019, through June 30, 2021; and

BE IT FURTHER RESOLVED, That the administration will seek approval of a tuition waiver from the Ohio Department of Higher Education for state fiscal years 2020 and 2021.

(See Appendix LVII for background information, page 1401)

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#### AUTHORIZATION FOR DESIGNATED OFFICIALS TO BUY, SELL, ASSIGN AND TRANSFER SECURITIES

Resolution No. 2019-113

#### ALSO TO DEPOSIT OR WITHDRAW FUNDS FROM BANK AND INVESTMENT ACCOUNTS, TO DESIGNATE DEPOSITORIES AND TO EXECUTE TREASURY- AND INSURANCE-RELATED AGREEMENTS

Synopsis: Authorization for designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank and investment accounts held in the name of The Ohio State University, to designate depositories and to execute treasury- and insurance-related agreements, is proposed.

WHEREAS designated officials of the university buy, sell, assign and transfer stocks, bonds and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories of The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University; and

WHEREAS designated officials of the university are responsible for the procurement and management of the university's insurance programs:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby authorizes the university treasurer and/or the university senior vice president for Business and Finance or their designees to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the university treasurer and/or the university senior vice president for Business and Finance or their designees be authorized to designate various financial institutions as depositories and/or custodians for The Ohio State University, and to open and maintain accounts and enter into agreements at institutions providing financial products and services in the name of The Ohio State University; to engage in and sign agreements for bank financing, underwriting, brokerage, leasing, equipment financing, deposits, foreign currency exchange, hedging vehicles including forwards, futures, swaps and options, financial advisory services; and

BE IT FURTHER RESOLVED, That the university treasurer and/or the university senior vice president for Business and Finance or their designees be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, letters of credit, acceptances, electronic fund transfers or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit, or other instruments owned or held by the university for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances and other instruments payable to said banks; to waive, demand, protest, file notice of protest,

or dishonor any check, note, bill, draft, or other instrument made, drawn, or endorsed by the university; and

BE IT FURTHER RESOLVED, That the university treasurer and/or the university senior vice president for Business and Finance or their designees be authorized to engage in insurance-related transactions and sign insurance-related agreements to ensure coverage that best fits the needs of The Ohio State University to include, but not be limited to, insurance carrier, consulting and broker agreements, emergency response services, and third-party claim administrator contracts.

(See Appendix LVIII for background information, page 1402)

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#### REAPPOINTMENTS TO THE SELF-INSURANCE BOARD

Resolution No. 2019-114

Synopsis: Reappointments to the Self-Insurance Board, is proposed.

WHEREAS the Board of Trustees directed that a Self-Insurance Board be established to oversee the University Self-Insurance Program; and

WHEREAS all members of the Self-Insurance Board are appointed by The Ohio State University Board of Trustees upon recommendation of the President; and

WHEREAS the terms of members Charlotte Agnone, MD; L. Arick Forrest, MD; Reed Fraley; James Gilmour; and Andrew Thomas, MD; expire on June 30, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the following individuals be reappointed as members of the Self-Insurance Board effective July 1, 2019 for the terms specified below:

- Charlotte Agnone, MD, term ending June 30, 2021 (reappointment)
- L. Arick Forrest, MD, term ending June 30, 2021 (reappointment)
- Reed Fraley, term ending June 30, 2021 (reappointment)
- James Gilmour, term ending June 30, 2021 (reappointment)
- Andrew Thomas, MD, term ending June 30, 2021 (reappointment)

BE IT FURTHER RESOLVED, That this appointment entitles each member to any immunity, insurance or indemnity protection to which officers and employees of the university are, or hereafter may become, entitled.

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#### STATEMENT OF EXPECTATIONS THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES

Resolution No. 2019-115

#### Preamble

As Trustees of The Ohio State University, Board Members have one overriding and allencompassing responsibility: to serve the best interests of the University so that the University, in turn, can serve the best interests of the State of Ohio and society at-large. The Board's principal duty, as fiduciaries, requires loyalty to the University as a whole not to any particular parts or personal agendas—and an objective, long-term view.

This document is a guide to trustee behavior, a statement of what we ask and expect of one another. Compliance with the principles and practices delineated here will enable the Board to serve and govern the University most effectively. For that reason, above all others, we individually and collectively pledge adherence to the Statement as a commitment to the University and the citizens of Ohio and as a covenant with one another. We aim, through allegiance to the Statement, to ensure due diligence, a culture of constructive inquiry and open discussion, a climate respectful of shared governance and University leadership, and an intense focus on matters of strategic importance.

The Board of Trustees strives to function as a collective, cohesive corporate entity. The voices and votes of Board members count equally; no one enjoys special privilege or status except as accorded by the Board as a whole. We recognize that we are not free agents empowered to speak or act on behalf of the Board or the University.

#### Comportment among Trustees

The Board of Trustees has specific expectations about Trustee performance and behavior that apply uniformly to all Board members and facilitate the Board's effectiveness. Every Board member:

- Shall be engaged, informed and thoughtful leaders. Specifically, all trustees shall prepare diligently and participate constructively and collaboratively as a Board member by:
  - Carefully reading and reviewing all relevant materials;
  - Thoughtfully preparing for all Board and committee meetings;
  - Expending the time and effort to understand the issues at hand;
  - Making a good faith effort to attend important campus events and participating in programs and conferences designed to educate and update university trustees;
  - Speaking openly on matters under consideration;
  - Participating actively by asking pertinent questions, offering insights, registering concerns, contributing expertise, and proposing alternative opinions and perspectives;
  - Accepting and competently completing, to the greatest extent possible, assignments from the Board Chair or a Committee Chair.
- Shall foster a culture of inclusivity and curiosity, seeking to better understand how this university—its mission, its constituents, and how it is constituted and operates, the unique and ever-changing higher education environment more broadly, as well as the diverse background and perspectives each board member contributes to the collective body.

- May expect from and shall accord to every other Board member civil, respectful treatment, even when trustees have different opinions or recommendations. Civility and respect include:
  - Extending good will to one another;
  - o Listening attentively and taking seriously the comments of all trustees;
  - Being open to alternative points of view;
  - Encouraging healthy debate, and seeking no reprisals for dissent;
  - Refraining from publicly or privately disparaging or criticizing fellow trustees or impugning their motives;
  - o Refraining from "multi-tasking" during Board and committee meetings.
- Shall adhere to the highest standards of ethical conduct and comply fully with all laws and policies relating to conduct of public officials and university trustees, including, but not limited to, the Ohio Ethics Laws and the Board Statement of Ethical Conduct and Leadership Integrity.
- Shall adhere to the letter and spirit of all Board bylaws, policies, processes and protocols, including, but not limited to, this Statement of Expectations and the Bylaws of the Board of Trustees of The Ohio State University.
- Shall, except for extraordinary reasons, attend all Board meetings and, as assigned, all committee meetings, consistent with the attendance requirements set forth under Ohio Revised Code Section 3.17. When a trustee cannot attend, for instance due to personal illness, family matters, or work-related imperatives, the individual will so inform the Chair with as much advance notice as possible and provide an explanation for the absence. In the event that a board member fails to attend faithfully Board and committee meetings, the matter shall be referred to the Governance Committee.
- Shall, without exception, maintain confidentiality. Any information, written or oral, whatever the source, the Board receives or discusses in confidence shall remain in confidence. To ensure candor and trust, no trustee, at any time for any reason, shall disclose points of view privately or confidentially expressed by Board members or officers of the University, particularly with regard to any information shared or topics discussed in executive sessions. Disclosure of confidential information to any person for any reason without the express consent of the Board Chair or the University President violates the public trust placed in the Board collectively and trust Board members extend to each other.
- Shall be supportive of the precepts of the State's "sunshine laws," and the practice of open discussions at open meetings except when executive sessions are both permissible and warranted.
- Shall have the opportunity to understand and participate in processes associated with the selection of Board officers and the review of the President's performance.
- Shall support the University philanthropically, commensurate with one's means as one expression, among others, of a personal commitment to the University's well-being.
- Shall submit annually to the Chair of the Board a written declaration of any potential or actual conflicts of interest with respect to the discharge of one's responsibilities as a trustee of the University.

#### Comportment with the President

A strong working relationship between the University President and the Board of Trustees is paramount to the University's success. The Board recognizes the President as the University's Chief Executive Officer. In general, the Board delegates management of the University to the President, and holds the President accountable for the institution's performance, progress, and well-being. In partnership with the President, the Board will, to the greatest degree possible, focus on strategic opportunities and challenges of paramount significance and, at the same, time minimize the amount of attention accorded operational matters except as necessary to fulfill the Board's fiduciary duties.

The President reports to and serves at the pleasure of the Board, not individual Board members. Publicly, trustees should be supportive and respectful of the President. In executive sessions, trustees should be candid and, as warranted, provide constructive feedback. Performance-related concerns about the President should be presented to the Board Chair. Performance reviews of the President shall occur no less than annually and through a defined process that invites contributions from all Board members and that apprises all Board members of the overall assessment. The Chair (and others the Chair may designate) shall convey the Board's evaluation to the President.

All trustees should seek to develop a comfortable working relationship with the President, but none should ever usurp the role of Board member to offer the President a personal performance review, to advocate personnel actions, to seek or gain special access or favors personally or on behalf of others, or to ensure a particular outcome to a matter under consideration. If a trustee has a relationship with the President (e.g., a business or financial connection) that creates a potential or actual conflict of interest, that information should be disclosed immediately to the Chair of the Board.

Board members are encouraged to have one-on-one conversations with the President to share information, insights, concerns, and advice, and to build a relationship. However, trustees must not explicitly or implicitly direct the President to reach a particular conclusion or take a particular course of action. Suggestions and observations from Board members are always welcome; directives are never appropriate.

#### **Comportment with Internal Constituents**

Both the Board as a whole and trustees singly must strike a balance between the equally undesirable extremes of daily engagement with campus constituents and distant detachment from the life and people of the

University. Trustees are encouraged to interact with the University's campus constituents, especially members of the administration, faculty, and student body. However, Board members must exercise great care, particularly when trustees approach constituents rather than vice versa. Under those circumstances, the possibility always exists that constituents will perceive the interaction as an attempt by the trustee to exert influence, seek favors, or prescribe a course of action.

Conversations with internal constituents should honor these guidelines. Trustees should not:

- Breach matters deemed confidential by the Board or Committee.
- Discuss pending Board business or policy matters with constituents without the express authorization of the Board Chair or relevant Committee Chair.

- Take these occasions to advance personal agendas, promote advocacy by constituents, or criticize the President or Board.
- Elicit performance evaluations of any officers or employees of the University. Concerns about the performance at any level of the University should be raised within the Board with questions or concerns then communicated to the President, with the outcome then reported to the Board by the Chair or the President.
- Organize or undertake information gathering events or activities to solicit constituent views unless authorized to do so by the Board Chair or relevant Committee Chair.
- Be insensitive to the time demands trustee-initiated conversations place on administrators, faculty, and students.

Committee chairs are free to initiate requests for information necessary to discharge the committee's designated responsibilities. Such requests should always be respectful of administrative lines of authority and demands on administrators' time. Requests for institutional data by individual trustees should be rare. In such cases, trustees should not contact staff independently and directly. Rather, the trustee should route the request through the Board Chair, relevant Committee chair, or the President, and proceed only when so authorized and only through established organizational channels.

These guidelines do not preclude personal connections between trustees and members of the campus community which the Board encourages. Instead, such relationships should be clearly personal and distinctly outside the duties of trusteeship

#### Comportment with External Constituents

The Board must speak as a single entity. No individual trustee or self-appointed group of trustees shall speak on behalf of the Board or the University. No trustee should be publicly critical of actions taken or decisions made by the Board or President. Board members should not invite or initiate opportunities for personal pronouncements. When asked by constituents, the press, media, or government to represent or speak on behalf of the Board or the University, all trustees, unless specifically designated to do so by the Chair, should demur *without exception*. When presented with concerns about the performance of individuals or offices, trustees should direct constituents to the President.

Board members shall initiate communication on behalf of the University or in the role of University trustee with external constituencies (the Governor, senior State executives, the Chancellor, Board of Regents, members of the General Assembly, or local or federal officials) *only* with the prior consent of the Board Chair or President. Should any external constituents contact Board members, trustees should be mindful not to speak on the Board's behalf or otherwise violate the letter or spirit of this Statement. In all instances, Board members should promptly report to the Board Chair any conversations with government officials.

Trustees should not interact with external stakeholders on specific University issues, projects, policies, or concerns unless that interaction occurs directly and expressly as part of a Board or Committee approved process.

Board members should publicly support the University, the President, and decisions the Board and President reach, even when one holds views or cast votes to the contrary.

#### **Compliance**

Because all members of the Board agree to honor the standards, procedures, and expectations stated in this document, compliance is fundamentally voluntary and selfenforced. More broadly, the Governance Committee has overall responsibility to monitor the Board's effectiveness. Toward that end, the Governance Committee will periodically conduct a self-study of the Board's performance that includes compliance with this Statement of Expectations.

A trustee concerned about the comportment of a fellow Committee member should speak with the Chair of the Committee. If the concerns transcend comportment on the Committee, the trustee should confer with the Chair of the Governance Committee.

Upon appointment to the Board and annually thereafter, all members of the Board and its committees will sign an acknowledgement of their commitment to abide by this Statement of Expectations, the Board Statement of Ethical Conduct and Leadership Integrity, the Board's bylaws, and all relevant federal and state laws governing the conduct of university trustees and public officials.

#### RATIFICATION OF COMMITTEE APPOINTMENTS 2019-2020

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Resolution No. 2019-116

BE IT RESOLVED, That the Board of Trustees hereby approves that the ratification of committee appointments for 2019-2020 are as follows:

Academic Affairs and Student Life: ALEX SHUMATE, Chair BRENT R. PORTEUS, Vice Chair Cheryl L. Krueger Abigail S. Wexner Hiroyuki Fujita Alan A. Stockmeister Elizabeth P. Kessler JEFF M.S. KAPLAN ANAND SHAH Alan VanderMolen Janet Porter Richard K. Herrmann (faculty member) Michael J. Gasser (ex officio)

#### Finance:

Timothy P. Smucker, Chair GARY R. HEMINGER, Vice Chair Erin P. Hoeflinger Alexander R. Fischer John W. Zeiger Lewis Von Thaer JANICE M. BONSU James D. Klingbeil *Finance cont'd* Lawrence A. Hilsheimer Michael J. Gasser (ex officio)

#### Advancement:

Erin P. Hoeflinger, Chair Alan A. Stockmeister, Vice Chair Alex Shumate Chervl L. Krueger Abigail S. Wexner JANICE M. BONSU Alan VanderMolen Janet Porter Nancy Kramer Craig S. Bahner Kristin L. Watt (Alumni Assn member) Catherine Baumgardner (Alumni Assn member) Gifford Weary (Foundation Board member) ALEC WIGHTMAN (Foundation Board member) Michael J. Gasser (ex officio)

#### Audit and Compliance:

John W. Zeiger, Chair **ELIZABETH P. KESSLER**, Vice Chair Timothy P. Smucker Brent R. Porteus Hiroyuki Fujita Lewis Von Thaer Gary R. Heminger **JEFF M.S. KAPLAN ANAND SHAH** James D. Klingbeil Amy Chronis Michael J. Gasser (ex officio)

#### Talent and Compensation:

Hiroyuki Fujita, Chair **LEWIS VON THAER**, Vice Chair Alex Shumate Erin P. Hoeflinger John W. Zeiger Elizabeth P. Kessler **JEFF M.S. KAPLAN JANICE M. BONSU** Janet Porter Michael J. Gasser (ex officio)

#### Wexner Medical Center:

Leslie H. Wexner, Chair Abigail S. Wexner Cheryl L. Krueger Hiroyuki Fujita John W. Zeiger Janet Porter Stephen D. Steinour Robert H. Schottenstein W.G. Jurgensen **Cindy Hilsheimer** Michael J. Gasser (ex officio, voting) Michael V. Drake (ex officio, voting) HAROLD L. PAZ (ex officio, voting) Bruce A. McPheron (ex officio, votina) Michael Papadakis (ex officio, voting) William B. Farrar (ex officio, nonvotina)

#### Governance:

Alex Shumate, Chair Janet Porter, Vice Chair Timothy P. Smucker Erin P. Hoeflinger Alexander R. Fischer Hiroyuki Fujita Gary R. Heminger JANICE M. BONSU Alan VanderMolen Michael J. Gasser (ex officio)

#### Master Planning and Facilities:

Alexander R. Fischer, Chair James D. Klingbeil, Vice Chair Timothy P. Smucker Brent R. Porteus Alan A. Stockmeister Gary R. Heminger **ANAND SHAH** Robert H. Schottenstein Michael J. Gasser (ex officio)

L. Arick Forrest (ex officio, nonvotina) Mary A. Howard (ex officio, nonvoting) K. Craig Kent (ex officio, non-voting) Mark E. Larmore (ex officio, nonvotina) Amanda N. Lucas (ex officio, nonvoting) David P. McQuaid (ex officio, nonvotina) Susan D. Moffatt-Bruce (ex officio. non-votina) Thomas J. Ryan (ex officio, nonvoting) Elizabeth O. Seely (ex officio, nonvoting) Andrew M. Thomas (ex officio, nonvotina)

\*\*\*

#### AMENDMENTS TO THE BYLAWS OF THE OHIO STATE UNIVERSITY BOARD OF TRUSTEES

Resolution No. 2019-117

Synopsis: Approval of the attached amendments to the *Bylaws of the Ohio State University Board of Trustees*, is proposed.

WHEREAS a comprehensive periodic review of all chapters of the bylaws is a governance best practice; and

WHEREAS the last revisions to the *Bylaws of the Ohio State University Board of Trustees* took place in August 2015; and

WHEREAS the Board of Trustees desires to update Board committee structure and other board practices as described in the *Bylaws of the Ohio State University Board of Trustees*; and

WHEREAS pursuant to 3335-1-09 (C) of the Administrative Code, the rules and regulations for the university may be adopted, amended, or repealed by a majority vote of the Board of Trustees at any regular meeting of the Board:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the *Bylaws of the Ohio State University Board of Trustees.* 

(See Appendix LIX for background information, page 1403)

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#### AMENDMENTS TO THE BYLAWS OF THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER BOARD

Resolution No. 2019-118

Synopsis: Approval of the attached amendments to the *Bylaws of the Ohio State University Wexner Medical Center Board*, is proposed.

WHEREAS a comprehensive periodic review of all chapters of the bylaws is a governance best practice; and

WHEREAS the last revisions to the *Bylaws of the Ohio State University Wexner Medical Center Board* took place in November 2017; and

WHEREAS pursuant to 3335-1-09 (C) of the Administrative Code, the rules and regulations for the university may be adopted, amended, or repealed by a majority vote of the Board of Trustees at any regular meeting of the Board:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the *Bylaws of the Ohio State University Wexner Medical Center Board*.

(See Appendix LX for background information, page 1414)

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# AMENDMENTS TO THE RULES AND REGULATIONS OF THE MEDICAL STAFF OF UNIVERSITY HOSPITALS

Resolution No. 2019-119

Synopsis: The amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals are recommended for approval.

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff Administrative Committee on January 9, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff on January 23, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the Quality and Professional Affairs Committee on March 26, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the Wexner Medical Center Board on May 29, 2019; and

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals.

(See Appendix LXI for background information, page 1428)

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#### AMENDMENTS TO RULES AND REGULATIONS OF THE MEDICAL STAFF OF THE ARTHUR G. JAMES CANCER HOSPITAL AND RICHARD J. SOLOVE RESEARCH INSTITUTE

Resolution No. 2019-120

Synopsis: The amendments to the *Rules and Regulations of the Medical Staff* of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute are recommended for approval.

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the James Medical Staff Administrative Committee on January 18, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the James Medical Staff on January 23, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the Quality and Professional Affairs Committee on March 26, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the Wexner Medical Center Board on May 29, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the *Rules and Regulations of the Medical Staff* of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute.

(See Appendix LXII for background information, page 1435)

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#### Mr. Smucker:

Thank you, President Drake. We will now vote on item number 15 — the Status of Emeritus Revocation. May I have a motion please? A second? Will the secretary please call the roll?

Upon the motion of Mrs. Wexner, seconded by Mrs. Hoeflinger, the Board of Trustees adopted the foregoing motion by majority roll call vote, cast by trustees Mr. Shah, Ms. Bonsu, Mr. Kaplan, Mr. Von Thaer, Ms. Kessler, Mr. Heminger, Mr. Zeiger, Mr. Stockmeister, Dr. Fujita, Mr. Fischer, Mrs. Hoeflinger, Mr. Porteus, Ms. Krueger, Mr. Shumate, Mrs. Wexner and Mr. Smucker.

Ms. Eveland:

The motion carries.

Mr. Smucker:

Thank you. Next we will vote on item number three — Professional Services and Construction Contracts — and Mrs. Wexner, Mr. Fischer and Mr. Von Thaer are all advised to abstain. May I have a motion? Will the secretary please call the roll?

Upon the motion of Mr. Zeiger, seconded by Ms. Krueger, the Board of Trustees adopted the foregoing motion by majority roll call vote, cast by trustees Mr. Shah, Ms. Bonsu, Mr. Kaplan, Ms. Kessler, Mr. Heminger, Mr. Zeiger, Mr. Stockmeister, Dr. Fujita, Mrs. Hoeflinger, Mr. Porteus, Ms. Krueger, Mr. Shumate and Mr. Smucker. Mr. Von Thaer, Mr. Fischer and Mrs. Wexner abstained.

Ms. Eveland:

The motion carries.

Mr. Smucker:

Finally, we will now vote on the remainder of the items listed on the consent agenda. May I have a motion? A second? Will the secretary please call the roll?

Upon the motion of Mr. Fischer, seconded by Mr. Porteus, the Board of Trustees adopted the foregoing motion by majority roll call vote, cast by trustees Mr. Shah, Ms. Bonsu, Mr. Kaplan, Mr. Von Thaer, Ms. Kessler, Mr. Heminger, Mr. Zeiger, Mr. Stockmeister, Dr. Fujita, Mr. Fischer, Mrs. Hoeflinger, Mr. Porteus, Ms. Krueger, Mr. Shumate, Mrs. Wexner and Mr. Smucker.

Ms. Eveland:

The motion carries.

Mr. Smucker:

Thank you, again, for the support of all of the trustees and for the leadership of President Drake. The next meeting of the Board of Trustees is Friday, August 30, 2019. If there is no further business, this meeting is adjourned.

Attest:

Timothy P. Smucker Chairman Jessica A. Eveland Secretary

#### Appendix XLIV

#### APPROVAL OF INTERIM FISCAL YEAR 2020 OHIO STATE ENERGY PARTNERS UTILITY SYSTEM CAPITAL IMPROVEMENT PROJECTS

#### BACKGROUND

Pursuant to the terms of the long-term lease and concession agreement ("Agreement") for the Ohio State University utility system dated April 10, 2017 and as amended; Ohio State Energy Partners LLC (OSEP) will fund and implement capital improvements to the utility system. Capital investments made by OSEP will be tied to the variable fee component of the annual Utility Fee structure.

Proposed capital projects are evaluated by the university and OSEP for alignment with applicable strategic, financial, and physical plans and to ensure continued reliability, safety and compliance of the utility system.

Pursuant to the Agreement, OSEP submitted a draft five-year plan to the Energy Advisory Committee (EAC) 180 days prior to the start of the fiscal year. Members of the EAC have reviewed the details of the proposed five-year plan, provided feedback and made recommendations to OSEP. OSEP submitted a revised five-year plan for university review and approval, including the OSEP Fiscal Year 2020 proposed capital investments. To ensure alignment with the university's operating budget and capital plan approval schedule, an Interim OSEP fiscal year 2020 Utility System capital improvement plan was developed as further described below.

Approval of these projects will be pursuant to the project scope outlined below, any applicable university directives, applicable project requests, and supporting documentation submitted pursuant to the Agreement.

Utility Systems Life-Cycle Renovation, Repair, and Replacement Projects Utility Systems Expansion and Extension Projects Energy Conservation Measure Projects

#### Utility System Life-Cycle Renovations, Repairs, and Replacement Projects

Electrical Distribution Equipment Assessment and Replacement 31-20-LFC

Scope: Upgrades to the electrical distribution system to address equipment at the end of its life cycle. The scope of this project includes the assessment of relevant components of the distribution system for replacement according to a risk-prioritized schedule.

Estimated Cost: \$ 339,000 (Design Only)

| Project Cost Breakdown | Cost     |
|------------------------|----------|
| Design – FY 2020       | \$0.34 M |

McCracken Chilled Water Lifecycle Upgrade 32-20-LFC

Scope: The current chilled water system in McCracken is approximately 20 years old and near the end of its useful life. This project will replace approximately 200 feet of piping; media in the sand filters, sensors, insulation, and valves. The project will also correct cooling tower leaks; and upgrade lighting, security, and emergency egress.

Estimated Cost: \$2.9 M

| Project Cost Breakdown | Cost     |
|------------------------|----------|
| FY 2020                | \$1.35 M |
| FY 2021                | \$1.55 M |

#### Steam Piping Weld Inspection & Correction Project 52-20-LFC

Scope: Inspection of 4000 feet of piping in the campus core to identify and correct weld deficiencies. Estimated Cost: \$394,000

#### stimated Cost: \$394,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.39 M |

City Water Loss Utility System Risk Assessment & Improvement 62-19-LFC

Scope: Construction of a water storage tank supply system for the South Campus Central Chiller Plant.

#### Estimated Cost: \$ 302,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2019 – Design       | \$ 0.05 M |
| FY 2020 – Construction | \$0.30 M  |

#### Campus Gas - Building System Upgrade 77-20-LFC

Scope: The university will audit all buildings within the nine master-meter natural gas systems to ascertain the gas needs of each buildings. Using the audit, OSEP will identify and repair/upgrade any system inadequacies to insure safe, reliable, and compliant operation. This project will be repeated annually until the entire system has been addressed.

Estimated Cost: \$ 544,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.54 M |

#### **Utility Systems Expansions and Extensions Projects**

South Neil Steam Capacity Upgrade 09-18-EXP

Scope: Upgrade the South Neil steam capacity to provide adequate steam to the expanded Postle Hall.

Estimated Cost: \$1.92 M

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2019 – Design       | \$ 0.09 M |
| FY 2020 - Construction | \$ 1.92 M |

#### College Road Utility System Infrastructure 15-18-EXP

Scope: Expand and improve utility infrastructure for the new Arts District facilities School of Music and Department of Theatre; buildout of the East Region Chilled Water Plant (ERCWP); connecting the Wexner Arts complex to ERCWP; and tunnel repairs at Page Hall. To maximize construction efficiencies, the university's Arts District project will manage the installation of OSEP utility system equipment within the Department of Theatre site. This \$20.56 M request includes approximately \$1.6 M that OSEP will transfer to OSU for this portion of the project.

Estimated Cost: \$ 20.56 M

| Project Cost Breakdown | Cost       |
|------------------------|------------|
| FY 2019 – Design       | \$ 1.80 M  |
| FY 2020 - Construction | \$ 20.56 M |

#### Combined Heat and Power Plant and Midwest District Heating & Cooling Loop 16-19-EXP

Scope: Selection of contractors to advance the design of the Combined Heat and Power Plant and Midwest District Heating & Cooling Loop, including the major equipment elements (gas and steam turbines and heat recovery steam generators). The permitting process with the Ohio Power Siting Board will also be initiated.

Estimated Cost: \$ 10.0 M (Design, Permitting, and OEM long-lead contracts)

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2019                | \$ 10.0 M |

#### Chilled Water Plants Network Connections 38-20-EXP

Scope: Modifications to campus central chilled water systems to optimize resiliency through interconnection of the chilled water loops. Project scope will include new/upgraded pumps, distribution pipes, and a thermal storage system. The interconnection of the existing networks will enable greater optimization, increase resiliency, and improve energy efficiency.

Estimated Cost: \$ 809,000 (Design only)

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020 – Design only  | \$ 0.81 M |

South Residence Halls Air Conditioning 57-19-EXP

Scope: Design to bring air conditioning to Baker, Mack, Canfield, Bradley and Paterson Halls via available capacity in the existing south high-rise geothermal plant. It is expected that construction approval will be sought in August 2019. To ensure that the project is complete prior to the residence move-in for summer 2020, the design work must begin promptly.

Estimated Cost: \$ 1.4 M (Design only)

Scope:

| Project Cost Breakdown           | Cost      |
|----------------------------------|-----------|
| FY 2019 – Study                  | \$ 0.06 M |
| FY 2020 – Design                 | \$ 1.40 M |
| Projected FY 2020 – Construction | \$ 9.40 M |

Athletics District Gas & Power Infrastructure (Tennis Facility only) 73-20-EXP

Expand the utility system to provide power and gas to new Athletics District facilities including Ty Tucker Tennis Facility, gymnastics, fencing, practice facility, indoor track, and lacrosse stadium. Design work for the tennis facility must begin promptly to stay on schedule with the university's planned construction schedule for this facility.

Estimated Cost: \$ 50,000 (Tennis Facility Design only)

| Project Cost Breakdown              | Cost      |
|-------------------------------------|-----------|
| FY 2020 – Design                    | \$ 0.05 M |
| Projected FY 2020-22 - Construction | \$ 5.68 M |

#### Optometry Building Electrical Supply - 74-20-EXP

Scope: Extension of the university electricity distribution system to the new optometry building. This work includes the installation of a new transformer. The transformer must be ordered promptly to keep the project on the university's desired schedule.

Estimated Cost: \$ 256,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.26 M |

#### ENGIE Digital Platform – Phase II 75-20-EXP

Scope: Continuation of the ENGIE Digital platform. Phase I, was a platform for real-time energy data from the various campus buildings and energy systems. Phase II will optimize communications between campus heating and cooling assets (e.g. regional plants and local in-building assets); and implement controls to better engage in ancillary energy market programs, reduce system energy peaks, and manage the optimization of campus as an integrated energy system.

Estimated Cost: \$ 593,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.59 M |

Controlled Environment Food Production Research facility utility infrastructure 80-20-EXP

Scope: Provide the necessary infrastructure to supply the required electricity and natural gas needs for the university's project OSU-160920.

Estimated Cost: \$ 320,000 (Design only)

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.18 M |
| FY 2021                | \$ 0.14 M |

Vet Community Practice Hospital and Learning Expansion - Utility Systems 83-20-EXP

Scope: Expansion of the primary electricity and natural gas distribution systems to provide service to the new Vet Community Practice Hospital. Installations will include new underground primary electric service and natural gas service, a transformer, electric and natural gas meters, switch, and associated communications equipment.

Estimated Cost: \$421,000

| Project Cost Breakdown | Cost      |
|------------------------|-----------|
| FY 2020                | \$ 0.22 M |
| FY 2021                | \$ 0.20 M |

#### **Energy Conservation Measures Projects**

Campus Lighting - Buildings Phase III 54-20-ECM (Student Life Only)

Scope: Continuation of the indoor lighting retrofit. Phase III is being sub-divided. For the Interim FY 2020 plan, Phase III will only include approximately 25 Student Life residence halls and buildings. It is necessary to begin the work on the Student Life facilities so the work can be completed over the summer when students are away. The balance of Phase III is projected to come for approval in August 2019 and will include over 150 additional buildings. Completion of Phase III will complete a campus-wide lighting retrofit of more than 70,000 lamps.

Estimated Cost: \$4,085,000

| Project Cost Breakdown      | Cost      |
|-----------------------------|-----------|
| FY 2020 – SL Buildings Only | \$ 4.08 M |

Appendix XLV

\$5.2M

\$3.0M

\$3.6M

\$1.6M

TBD

TRD

## Project Data Sheet for Board of Trustees Approval

### Cannon Drive Relocation – Phase 2

OSU-180069 (CNI# 13000046, 18000174) Project Location: Cannon Drive between John Herrick Drive and Woody Hayes Drive

#### approval requested and amount

professional services including OSEP scope

#### project budget

professional services (previously approved) professional services (remaining design) construction w/contingency OSEP scope total project cost

#### project funding

- ⊠ university debt
- □ fundraising
- □ university funds
- ⊠ OSEP funds
- □ auxiliarv funds
- □ state funds

#### project schedule

| BoT professional services | approval 8/17 |
|---------------------------|---------------|
| design                    | 9/17 – 5/20   |
| construction              | 3/20 – 12/22  |

#### • project delivery method

- □ general contracting
- □ design/build
- ⊠ construction manager at risk

#### planning framework

- this project was included in the FY 2018 Capital Investment Plan to begin design services; the remaining \$3.6M for professional services is included in the FY 2019 Capital Investment Plan
- o schematic design is complete

#### project scope

- the project will continue the relocation of Cannon Drive between John Herrick Drive and Woody Hayes Drive and will raise Cannon Drive above the 500-year flood level
- the project anticipates extending Annie and John Glenn Ave from Tuttle Park Place to Cannon Drive
- a new north/south road will be constructed east of Lincoln and Morrill Towers to provide service access for the towers
- o final project scope and total project cost will be validated during design

#### approval requested

- approval is requested to increase professional services contracts for the remainder of design services including OSEP scope
- project team University project manager: Tom Ekegren AE/design architect: EMHT, Inc. CM at Risk: Igel/Ruhlin (joint venture)

#### APPROVAL TO ENTER INTO A CONTRACT FOR PROFESSIONAL SERVICES TO UPDATE THE COMPREHENSIVE TRANSPORTATION AND PARKING PLAN

The Ohio State University campus master plan, Framework 2.0, is a long-term guiding vision that imagines the development of transformational, clinical, research and learning environments over the next decade and beyond. While Framework 2.0, adopted in 2017, establishes a very high-level transportation strategy, more detailed planning is needed around transportation and parking to support near-term and long-term campus development.

Two previous Comprehensive Transportation and Parking Plans have been conducted — one in 2014, and a follow-up with a more narrow focus in 2016. Both studies identified the need for a paradigm shift for transportation that will support key principles embodied in Framework 2.0. These principles include a more pedestrian-oriented campus core, implementing a park-once strategy and migrating over time to an integrated, seamless parking and transit system that is both convenient and effective.

The goal of this Comprehensive Transportation and Parking Plan update is to outline and prioritize a path to an efficient and sustainable transportation and parking system that is effective for everyday users, yet easy for visitors to navigate. It must also be flexible, enabling the university to grow and evolve over time. In addition, projects and plans being implemented outside the boundaries of the university need to be understood as they impact the Ohio State transportation system. The university will partner with CampusParc to ensure the following deliverables:

- Provide strategies and solutions to address near-term parking and transportation needs related to campus development on West Campus, the Wexner Medical Center and Health Sciences District, and Arts District.
- Refine the university's high-level future "mobility vision" and test it for reasonableness against an evolving mobility landscape.
- Document current parking supply/utilization and project future faculty, staff, student and visitor population levels related to transportation and parking needs.
- Analyze and recommend solutions for fully utilizing all parking assets and identify associated transit requirements.
- Provide recommendations for both near-term and long-term strategies that address the needs of vehicles, integrate and improve area transit, address traffic congestion with mitigation options, and increase functionality and safety for alternative modes including bicyclists, pedestrians, and scooters.
- Produce a comprehensive plan that summarizes mobility and logistical best practices to provide efficient and effective mobility, identify project priorities and estimate planning level costs appropriate for inclusion in future capital plans.

#### WMC Regional Ambulatory Facilities - Dublin

OSU-180636-1 (CNI#18000177, 19000140) Project Location: Dublin, Ohio

| • | approval requested and amount<br>professional services   | \$12.0M               |
|---|--|-----------------------|
| • | project budget<br>professional services (through DD)<br>construction w/contingency<br>total project budget | \$12.0M<br>TBD<br>TBD |
| • | <b>project funding</b> <ul> <li>university debt</li> </ul>   |                       |

- □ development funds
- university funds
- $\boxtimes$  auxiliary funds (health system)
- □ state funds

#### • project schedule

| BoT professional services approval | 5/19        |
|------------------------------------|-------------|
| design                             | 6/19 – 6/20 |
| construction                       | 7/20 – 6/22 |
| facility opening                   | 9/22        |
|                                    |             |

#### project delivery method

- □ general contracting
- □ design/build
- ⊠ construction manager at risk

#### planning framework

- consistent with the strategic plans of the university and Wexner Medical Center to provide medical services within community-based ambulatory facilities
- the FY 2019 Capital Investment Plan includes the \$4.0M professional services; the FY 2020 Capital Investment Plan includes \$8.0M for a total of \$12.0M for design services through Design Development

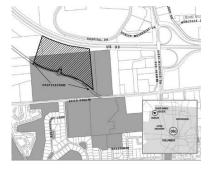
#### project scope

 the project will design an ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support

#### approval requested

 approval is requested to enter into professional services contracts for design services through Design Development

project team University project manager: Holly Cloud AE/design architect: CMR:



#### Arts District

OSU-180285 (CNI# 17000142, 18000075) Project Location: Arts district between 15<sup>th</sup> and 18<sup>th</sup> Avenues

#### approval requested and amount

prof services/construction including OSEP scope \$146.6M

• project budget professional services \$16.0M construction w/contingency \$144.0M OSEP scope \$1.6M total project budget \$161.6M

#### project funding

- ⊠ university debt
- ⊠ fundraising
- ☑ university funds
- ☑ OSEP funds
- □ auxiliary funds
- □ state funds

#### project schedule

| BoT professional services appro | val     | 11/17 |
|---------------------------------|---------|-------|
| BoT construction approval       |         | 05/19 |
| design                          | 05/18 - | 07/19 |
| construction                    | 06/19 - | 08/21 |
| facility opening                |         | 12/21 |
| facility opening                |         | 12/21 |

#### project delivery method

- □ general contracting
- design/build
- ☑ construction manager at risk

#### planning framework

- the project aligns with Framework 2.0 and the Strategic Plan by promoting teaching, learning and creative expression
- $_{\odot}$   $\,$  this project is included in the FY 2018 and FY 2020 Capital Investment Plans

#### project scope

- o the project will develop a new Arts District between 15th and 18th Avenues
- the project envisions high-quality, modern learning environments for interaction across arts disciplines
- included are new facilities for the School of Music and Department of Theatre, which will feature a home for the Moving Image Production program
- the project will also include site amenities such as the road extensions and adjacent pedestrian spaces

#### approval requested

 approval is requested to increase professional services and enter into construction contracts including OSEP scope

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| • | <ul> <li>project team</li> </ul> |                                  |  |
|---|----------------------------------|----------------------------------|--|
|   | University project manager:      | Nate Thomas                      |  |
|   | AE/design architect:             | DLR Group/Westlake Reed Leskosky |  |
|   | CM at Risk:                      | Holder Construction Group LLC    |  |



# Morehouse Tower – 7<sup>th</sup>& 8<sup>th</sup> Floor Updates

OSU-190180 (CNI#18000154)

Project Location: Morehouse Medical Plaza - Tower

| • | approval requested and amount<br>prof serv/construction               | \$5.0M           |
|---|---|------------------|
| • | project budget<br>professional services<br>construction w/contingency | \$0.7M<br>\$4.3M |
|   | total project budget  | \$5.0M           |

#### project funding

- university debt
- $\Box$  fundraising
- university funds
- ☑ auxiliary funds (health system)
- □ state funds

| 5/19        |
|-------------|
| 6/19 – 6/20 |
| 7/20 – 2/21 |
|             |



#### project delivery method

- ☑ general contracting
- □ design/build
- □ construction manager at risk

#### • planning framework

o this project is included in the FY 2019 Capital Investment Plan

#### project scope

- the project will renovate the recently vacated 7th floor for the Gastrointestinal Cancer Center, which is currently on the 8th floor. The program will include patient exam rooms, procedure room and support spaces
- o the project will also renovate the 8th floor for future patient services
- the scope includes HVAC updates, updates for ADA restroom compliance, and interior finish upgrades

#### approval requested

o approval is requested to enter into professional services contracts and construction contracts

project team
 University project manager: Kevin Koesters
 AE/design architect:

# Taylor Tower – Main Entrance OSU-180067 (CNI# 18000138, 19000134) Project Location: Taylor Tower • approval requested and amount prof services/construction \$11.0M

| project budget             |         |  |
|----------------------------|---------|--|
| professional services      | \$1.0M  |  |
| construction w/contingency | \$10.0M |  |
| total project budget       | \$11.0M |  |

#### project funding

- university debt
- fundraising
- □ university funds
- ⊠ auxiliary funds
- □ state funds

#### o project schedule

| BoT prof services/construction | 5/19         |
|--------------------------------|--------------|
| design                         | 5/19 – 1/20  |
| construction                   | 2/20 - 10/20 |

#### o project delivery method

- ⊠ general contracting
- □ design/build
- □ construction manager at risk

#### o planning framework

 the project aligns with the Framework 2.0 and Strategic Plan by providing programmatic spaces to enhance student success

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- o project scope and budget are based on programming completed in March 2019
- o this project is included in the FY 2019 and FY 2020 Capital Investment Plans

#### project scope

- this project will renovate the ground floor and 1st floor of Taylor Tower to provide accessibility and create student program spaces, staff offices, lounges and lobby areas
- $\circ\;$  the project will create a visual connectivity between the two floors to promote student collaboration and socialization

#### o approval requested

o approval is requested to enter into professional services contracts and construction contracts

Karin Murillo-Kirlangitis The Collaborative, Inc. TBD

# VMC Community Practice Hospital & Learning Center

OSU-190900 (CNI# 19000093)

Project Location: Community Practice Hospital & Learning Center

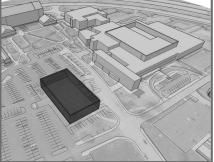
| • | approval requested and amount prof serv/construction | \$17.5M |
|---|--|---------|
| • | project budget<br>professional services              | \$2.0M  |
|   | construction w/contingency                           | \$15.5M |
|   | total project budget                                 | \$17.5M |

#### project funding

- □ university debt
- ⊠ fundraising
- ⊠ university funds
- □ OSEP funds
- □ auxiliary funds
- □ state funds

| • | project schedule |    |
|---|------------------|----|
|   | BoT approval     |    |
|   | desian           | 6/ |

| project schedule |             |
|------------------|-------------|
| BoT approval     | 5/19        |
| design           | 6/19 - 9/20 |
| construction     | 5/20 – 5/21 |
| facility opening | 6/21        |



#### project delivery method

- general contracting
- □ design/build
- construction manager at risk

#### planning framework

o this project is included in the FY 2020 Capital Investment Plan

#### project scope

- the project will construct a 35,000 square foot freestanding community care veterinary clinic for 0 primary care to enhance the clinical training of veterinary students and a learning center
- the facility will include teaching and clinical spaces, offices, and support spaces 0

#### approval requested

approval is requested to enter into professional services and construction contracts 0

project team University project manager: Josh Kranyik AE/design architect: CM at Risk:

# WMC Regional Ambulatory Facilities – Hamilton Road

OSU-180636 (CNI# 18000157, 19000139) Project Location: Hamilton Road and SR 161

approval requested and amount

\$125.9M prof serv/construction

| <ul> <li>project budget</li> </ul> |          |
|------------------------------------|----------|
| professional services              | \$20.1M  |
| construction w/contingency         | \$117.8M |
| total project budget               | \$137.9M |

## project funding

- university debt
- development funds
- university funds
- auxiliary funds (health system)
- □ state funds

## project schedule

| BoT professional services approval       | 4/18         |
|--|--------------|
| design                                   | 4/18 – 5/19  |
| BoT construction approval (site)         | 8/18         |
| BoT construction approval (full project) | 5/19         |
| construction                             | 10/18 – 5/21 |
| facility opening                         | 7/21         |

## project delivery method

- general contracting
- □ design/build
- construction manager at risk

## planning framework

- o consistent with the strategic plans of the university and Wexner Medical Center to provide medical services within community-based ambulatory facilities
- the FY 2019 Capital Investment Plan includes the remainder of professional services and a 0 portion of construction costs; the FY 2020 Capital Investment Plan includes the remainder of construction costs

## project scope

- design and construct an approximately 244,000 square foot ambulatory building that will include 0 ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support
- 0 the facility will be located at Hamilton Road and SR 161 in Columbus

## approval requested

- approval is requested to increase professional services and construction contracts for the remainder of design and construction
- project team University project manager: Holly Cloud AE/design architect: DLR Group CMR. Daimler Group



# Newark – John & Mary Alford Ctr for Science and Technology

OSU-190050 (CNI# 12000648, 19000124) Project Location: Newark Campus

| 0 | approval requested and amount construction w/contingency                                      | \$29.7M                             |
|---|---|-------------------------------------|
| 0 | project budget<br>professional services<br>construction w/contingency<br>total project budget | \$2.3M<br><u>\$29.7M</u><br>\$32.0M |

## project funding

- $\boxtimes$  university debt
- $\boxtimes$  fundraising
- $\boxtimes$  university funds
- □ auxiliary funds
- □ state funds

## o project schedule

| 08/18         |
|---------------|
| 05/19         |
| 09/18 - 06/19 |
| 07/19 - 12/20 |
| 01/21         |
|               |

## project delivery method

- □ general contracting
- □ design/build
- ☑ construction manager at risk

## o planning framework

o this project is included in the FY 2019 and FY 2020 Capital Investment Plans

## project scope

- this project will construct a 60,000 square foot building for biological and physical sciences research and teaching labs, classrooms, collaborative learning and academic support space
- shared instructional spaces will serve both The Ohio State University Newark and Central Ohio Technical College
- project funding includes Central Ohio Technical College local funds

## o approval requested

o approval is requested to enter into construction contracts

## project team

University project manager: AE/Design Architect: CM at Risk: Brandon Shoop Design Group/Perkins + Will Smoot Construction Company



# Service Building Annex Renovation

OSU-180830 (CNI# 14000406)

Project Location: Service Building Annex

| • | approval requested and amount<br>increase construction w/contingency | \$1.7M |
|---|--|--------|
| • | project budget   |        |

| • | project buuget             |        |
|---|----------------------------|--------|
|   | professional services      | \$1.1M |
|   | construction w/contingency | \$7.6M |
|   | total project budget       | \$8.7M |

## project funding

- university debt
- □ fundraising
- ⊠ university funds
- □ auxiliary funds
- □ state funds

## • project schedule

| BoT approval                                   | 6/18        |
|--|-------------|
| design   | 6/18 – 6/19 |
| BoT approval – construction increase           | 5/19        |
| construction                                   | 7/19 – 8/20 |
| design<br>BoT approval – construction increase | 5/19        |

## project delivery method

- general contracting
- □ design/build
- ☑ construction manager at risk

## • planning framework

o this project is included in the FY 2019 Capital Investment Plan

## project scope

- the project will renovate the Service Building to accommodate a combined Facilities Operations and Development and Transportation and Traffic Management bus and vehicle maintenance facility
- o infrastructure upgrades included in scope support university sustainability initiatives
- $\circ$   $\;$  the budget increase will address deferred maintenance and code compliance issues

## approval requested

o approval is requested to increase construction contracts





# **Ty Tucker Tennis Center**

OSU-190076 (CNI# 18000038)

Project Location: Athletics District

| 0 | approval requested and amount construction w/contingency                                      | \$20.9M                      |
|---|---|------------------------------|
| 0 | project budget<br>professional services<br>construction w/contingency<br>total project budget | \$1.9M<br>\$20.9M<br>\$22.8M |



## o project funding

- university debt
- ⊠ fundraising
- □ university funds
- OSEP funds
- □ auxiliary funds
- □ state funds

## o project schedule

| BoT prof serv approval    | 8/18          |
|---------------------------|---------------|
| BoT construction approval | 5/19          |
| design                    | 9/18 – 11/19  |
| construction              | 11/19 - 12/20 |
| facility opening          | 01/21         |

## project delivery method

- general contracting
- □ design/build
- construction manager at risk

## o planning framework

- the FY 2019 Capital Investment Plan includes \$21.9M for the project: the Capital Investment Plan will be amended to include an additional \$0.9M
- 0
- o this project is consistent with Framework 2.0 and the Athletics District Framework Plan

## project scope

- this project will construct a new 68,000 square foot indoor tennis facility to be located in the Athletic District adjacent to the existing outdoor tennis facility
- the project includes 6 courts, 450 spectator seats, men/women varsity locker rooms, athletic training room and offices

#### o approval requested

- o approval is requested to amend the FY 2019 Capital Investment Plan
- o approval is requested to enter into construction contracts

## project team

University project manager: Gary Collier Architect/Engineer: Moody Nolan Inc CM at Risk Barton Malow Co

Office of Administration and Planning

May 2019

# WMC West Campus Ambulatory Facilities

OSU-180390 (CNI# 18000175)

Project Location: Kenny Road and Carmack Road

 approval requested and amount construction w/contingency

## project budget

- professional services (through DD)
   \$23.0M

   construction enabling projects
   \$6.6M

   construction w/contingency
   TBD

   total project budget
   TBD
- project funding
  - university debt
  - □ development funds
  - □ university funds
  - ⊠ auxiliary funds (health system)
  - □ state funds

## • project schedule

| BoT professional services approval     | 11/18        |
|--|--------------|
| design                                 | 12/18 – 8/20 |
| BoT construction approval - enabling p | rojects 5/19 |
| construction                           | 9/20 – 12/22 |
| facility opening – proton              | 2022         |
| facility opening – ambulatory          | 2023         |

## • project delivery method

- □ general contracting
- □ design/build
- ⊠ construction manager at risk

## planning framework

 consistent with the strategic plans of the university and Wexner Medical Center to provide highvalue care with an unparalleled patient experience

\$6.6M

- this project was included in the FY 2019 Capital Investment Plan for design; the enabling projects are included in the FY 2020 Capital Investment Plan
- o total project cost will be validated during design

## project scope

- o the project will construct a new ambulatory facility on west campus
- the ambulatory center will be approximately 395,000 square feet and will include outpatient operating rooms, an endoscopy unit, an urgent care, a pre-anesthesia center, an outpatient diagnostic imaging center, and patient and building support spaces

## approval requested

 approval is requested to enter into construction contracts to construct a parking lot on Kinnear Road and for initial proton equipment procurement

| • | project team                |                |
|---|-----------------------------|----------------|
|   | University project manager: | Mitch Dollery  |
|   | Study/Planning AE:          | Perkins & Will |
|   | AE/design architect:        | Perkins & Will |
|   | CM at Risk:                 | (selected)     |



Appendix XLVI

## APPROVAL FOR SALE OF REAL PROPERTY SHIER RINGS ROAD DUBLIN, FRANKLIN COUNTY, OHIO BOARD BACKGROUND

## Background

The Ohio State University seeks to sell approximately +/- 20.887 acres of unimproved land located in Dublin, Ohio, Parcel ID 273-000297, to AEP Ohio Transmission Company, Inc. (AEP). AEP intends to use the property for its new transmission line to upgrade two existing substations as part of the Dublin West Innovation District Improvements.

## **Location and Description**

The property is located at the northeast corner of Shier Rings Road and Wilcox Road in Dublin, Ohio. The property is undeveloped, largely wooded, and approximately 5 acres are tillable. The property is located in a Technology Flex zoning district.

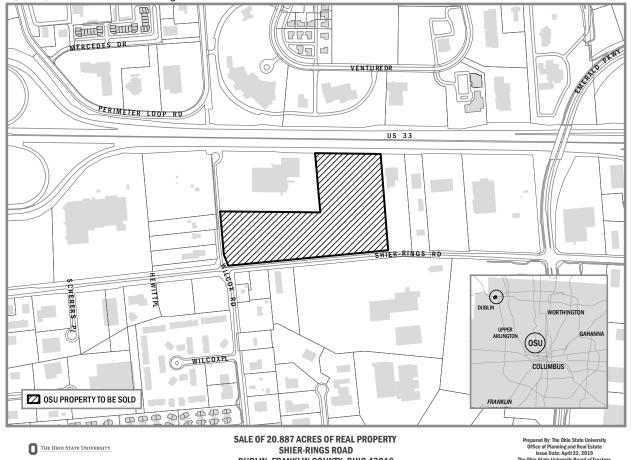
## **Property History**

The property is titled in the name of the Board of Trustees and was donated to the university in 1978. The donation included another property on Eiterman Road, Dublin, Ohio, which was sold by the university in 2012. The land is not needed for university purposes and is available for disposition.

## Sale of Property

Planning and Real Estate, together with the Office of Financial Services, recommend that the property be sold under terms and conditions that are deemed to be in the best interest of the university. AEP is responsible for all due diligence required for their purchase of the property as well as any potential costs associated with making the property available for its use. Sale proceeds will benefit the university to the credit of the university operating funds.

May 31, 2019, Board of Trustees Meeting



**DUBLIN, FRANKLIN COUNTY, OHIO 43016** PARCEL ID #273-000297

The Ohio State University Board of Trustees

# Appendix XLVII

|   | Amount<br>Establishing<br>Endowment* | Total<br><u>Commitment</u> |
|---|--------------------------------------|----------------------------|
| Establishment of Named Endowed Funds (University)   |                                      |                            |
| Civil Engineering Scholarship Fund<br>Established May 31, 2019, with a fund transfer by the College of<br>Engineering of a gift from the estate of Rachel L. Zook; used to provide<br>one or more scholarships to students who are majoring in civil engineering.   | \$752,631.70                         | \$752,631.70               |
| Louise B. Guthman Scholarship Fund<br>Established May 31, 2019, with a fund transfer by the College of Arts and<br>Sciences of a gift from the estate of Louise B. Guthman; used to provide<br>scholarships to students for the study of dance production.  | \$200,000.00                         | \$200,000.00               |
| Change in Description and Name of Named Endowed Fund (University)   |                                      |                            |
| From: College of Veterinary Medicine Endowed Fund<br>To: Dr. William L. Ingalls Endowed Scholarship in the College of Veterinary<br>Medicine  |                                      |                            |
| Change in Description of Named Endowed Fund (University)  |                                      |                            |
| The W. Keith Davis Memorial Scholarship Fund  |                                      |                            |
| Establishment of Named Endowed Chair (Foundation)   |                                      |                            |
| Andrei Baronov and Ratmir Timashev Endowed Chair in Data Analytics<br>Established June 8, 2018, with gifts from Veeam Software Corporation;<br>used to support an endowed chair position in data analytics. The eligible<br>candidate must be a professor from an Arts and Sciences tenure-initiating<br>unit. Revised May 31, 2019.  | \$2,000,000.00                       | \$2,000,000.00             |
| Establishment of Named Endowed Funds (Foundation)   |                                      |                            |
| Arthur Scholarship in Medicine Fund<br>Established May 31, 2019, with gifts from Dr. R. Eugene Arthur (MD 1968)<br>and Catherine B. Arthur; used to provide scholarships to students who are<br>enrolled in the College of Medicine and demonstrate financial need.   | \$200,000.00                         | \$200,000.00               |
| The Dr. and Mrs. William M. Black Endowed Scholarship Fund<br>Established May 31, 2019, with a distribution from The William M. Black<br>Charitable Remainder Unitrust in memory of Dr. William M. Black (BA<br>1953, DDS 1956) and Mrs. Nancy Black of Zanesville, Ohio; used to<br>provide four annual scholarship awards for good students from any class<br>level in the College of Dentistry. Scholarships shall be named in honor of<br>Dr. and Mrs. Frederick L. Black, Dr. and Mrs. Frederick W. Black, Dr. and<br>Mrs. Harold W. Black, and Dr. and Mrs. William M. Black.                   | \$192,271.32                         | \$192,271.32               |
| Casey Family Endowed Scholarship Fund<br>Established May 31, 2019, with a gift from Karen S. Casey (MA 1978, JD<br>1991); used to provide renewable scholarships to students who are<br>enrolled in the Michael E. Moritz College of Law and demonstrate financial<br>need. Candidates must be residents of the state of Ohio and demonstrate<br>a high level of leadership or community service potential for the profession<br>of law or other professional fields. Preference shall be given to students<br>with an interest in small firm law practice, corporate law, or public interest<br>law. | \$172,426.14                         | \$172,426.14               |

law.

| Alan C. Michaels Endowed Scholarship Fund<br>Established May 31, 2019, with gifts from friends and colleagues; used to<br>provide one or more scholarships to students who are enrolled in the<br>Michael E. Moritz College of Law and demonstrate financial need. The<br>donors desire that when awarding this scholarship special consideration<br>be given for students who have experience living or working in diverse<br>environments.  | \$159,428.00 | \$159,428.00   |
|---|--------------|----------------|
| The Jerry F. Nichols Accounting Scholarship Endowment Fund<br>Established May 31, 2019, with gifts from Jerry F. Nichols (BS 1965); used<br>to provide scholarships to undergraduate students who are studying<br>accounting.   | \$129,910.00 | \$800,000.00   |
| Women & Philanthropy Scholarship Fund<br>Established May 31, 2019, with gifts from members of Women &<br>Philanthropy; used to provide one or more scholarships to students.  | \$110,100.00 | \$110,100.00   |
| The Joshua Song Fund for Career Exploration<br>Established May 31, 2019, with gifts from family and friends of Joshua<br>Song to encourage and enable students to dream, grow, and find their<br>passion in Food Science and Technology; used to support students who<br>are enrolled in the College of Food, Agricultural, and Environmental<br>Sciences and are studying Food Science and Technology in personal and<br>professional growth.  | \$101,000.00 | \$101,000.00   |
| The Eugene D. Smith Leadership Institute Fund<br>Established May 31, 2019, with gifts from the Margaret and Robert Walter<br>Foundation; used to provide leadership, character and career development<br>for all Ohio State student-athletes in order to best prepare them for life<br>after graduation.  | \$100,100.00 | \$100,100.00   |
| Blue Buffalo Foundation Joyce Novotny Memorial Scholarship Fund<br>Established May 31, 2019, with a gift from the Blue Buffalo Foundation;<br>used to provide scholarships to third-year veterinary students who have<br>demonstrated an interest in canine medicine or nutrition. If no students<br>meet the selection criteria, the scholarship(s) will be open to all students<br>enrolled in the College of Veterinary Medicine. It is the donor's intent to<br>provide significant financial support to the scholarship recipients, rather<br>than provide smaller scholarships to several recipients.   | \$100,000.00 | \$100,000.00   |
| The Ingram Family Endowed Fund<br>Established May 31, 2019, with gifts from donors, including The Columbus<br>Foundation's Bill and Marci Ingram Foundation donor advised fund; used<br>solely to provide support for the operations of the Center for Autism<br>Services and Transition Clinic at The Ohio State University Wexner<br>Medical Center, Department of Internal Medicine.   | \$100,000.00 | \$2,775,000.00 |
| The Thomas X. Singer and Marie E. Dixon Endowed Fund<br>Established May 31, 2019, with gifts from Thomas X. Singer (BS 1962)<br>and Marie E. Dixon; used to support students who are enrolled in the<br>School of Environment and Natural Resources and majoring in<br>Environmental Science, with preference given to those who demonstrate<br>financial need, but are not eligible to receive funding from the Federal Pell<br>Grant Program. If the Pell Grant ceases to exist, preference shall be given<br>to those who demonstrate financial need. If no students meet the selection<br>criteria, support will be open to all students who are enrolled in the school<br>and majoring in Environmental Science. | \$100,000.00 | \$500,000.00   |

| James R. Wright Jr, MD, PhD Lectureship Endowed Fund<br>Established May 31, 2019, with gifts from James R. Wright Jr. (BS 1977,<br>MA 1984, MD 1984, PhD 1995); used to provide a lectureship (to be held<br>annually as funding permits) focusing first on the field of history of<br>pathology and second on other medical history topics.   | \$100,000.00 | \$100,000.00 |
|--|--------------|--------------|
| The Herr Endowment for the Chadwick Arboretum & Learning Gardens<br>Established May 31, 2019, with gifts from Joan E. (MS 1954) and Donald<br>E. (BS 1951, PhD 1965) Herr; used to support the operation and<br>maintenance of the Chadwick Arboretum & Learning Gardens within the<br>Department of Horticulture and Crop Science.  | \$93,972.78  | \$93,972.78  |
| Centennial Fund for the Department of Agricultural Communication,<br>Education, and Leadership<br>Established May 31, 2019, with gifts from friends of the Department of<br>Agricultural Communication, Education, and Leadership; used to benefit<br>the students and faculty of the Department of Agricultural Communication,<br>Education, and Leadership by filling discretionary needs to include, but not<br>be limited to, providing teaching/research awards and/or a named<br>professorship/chair.  | \$88,106.50  | \$88,106.50  |
| The Douglas and Jamie Fairchild Endowed Scholarship Fund<br>Established May 31, 2019, with gifts from Douglas (BS 1980, MS 1982,<br>PhD 1995) and Jamie (BS 1981) Fairchild and matching gifts from<br>ExxonMobil; used to provide scholarships to undergraduate students who<br>are enrolled in the College of Engineering and have declared and/or<br>maintain Welding Engineering as their major. First preference is for<br>candidates who demonstrate financial need and who have a minimum 3.0<br>grade point average (GPA). Scholarships are renewable, up to a total of<br>five years. Second preference is for candidates who have a minimum 3.5<br>GPA. These scholarships are not renewable. If there are no Welding<br>Engineering candidates, then students pursuing a degree in Materials<br>Science and Engineering degree may be considered. | \$61,000.00  | \$61,000.00  |
| The Carol and Ryan Wright Wrestling Scholarship Fund<br>Established May 31, 2019, with gifts from Carol and Ryan Wright of<br>Jackson, Ohio; used to supplement the grant-in-aid costs of an<br>undergraduate student-athlete who is a member of the wrestling team.   | \$60,000.00  | \$150,000.00 |
| The Joseph Palmer Scholarship in the College of Social Work<br>Established May 31, 2019, with gifts from Mark J. Palmer in memory of his<br>father; used to provide a need-based scholarship to a graduate student<br>who is enrolled in the College of Social Work and working toward a MSW<br>or PhD. Preference shall be given to candidates whose field placement<br>demonstrates an interest in faith-based social work.  | \$57,109.66  | \$57,109.66  |
| Herr Family Endowment Fund<br>Established May 31, 2019, with gifts from Joan E. (MS 1954) and Donald<br>E. (BS 1951, PhD 1965) Herr; used to support programs for caregivers of<br>patient's with cognitive disorders.   | \$56,548.44  | \$56,548.44  |

| The Doris and Robert Zulauf Endowed Scholarship Fund<br>Established May 31, 2019, with gifts from Dr. Carl R. Zulauf (BS 1973, MS<br>1973) and friends; used to support undergraduate students who are<br>enrolled in the College of Food, Agricultural, and Environmental Sciences<br>and are pursuing an internship in the Washington, D.C. area. Top priority<br>will be given to students who have been accepted in the John Glenn<br>College of Public Affairs' Washington Academic Internship Program or its<br>successor. Scholarships will be awarded to candidates who meet the<br>following selection criteria in this order of preference: 1) Internship will be<br>focused on commercial agricultural policy; 2) Internship will be on Capitol<br>Hill or internship will have congressional legislative activity responsibilities;<br>3) Majoring in a degree program in the Department of Agricultural,<br>Environmental, and Development Economics. | \$56,417.00 | \$73,875.00 |
|--|-------------|-------------|
| The Sheldon J. Harris Endowed Scholarship Fund<br>Established May 31, 2019, with gifts from Sheldon Harris (BS 1974); used<br>to provide scholarships to students who without the scholarship would not<br>be able to attend due to dire financial need. The donor requests that the<br>University use the endowed fund's annual distribution to provide need-<br>based scholarship support to full-time undergraduate students attending<br>the Columbus campus who are residents of Ohio. The donor's intent is to<br>support late academic bloomers who show scholastic potential. The<br>scholarship shall be given to incoming freshmen with the minimum ACT<br>and GPA for admission to the Columbus campus. If Ohio State does not<br>have a required ACT score and high school GPA, preference is for<br>students who do not receive merit aid from the University.  | \$56,000.00 | \$56,000.00 |
| Sally Ann Manby and William Manby Education Endowment Fund<br>Established May 31, 2019, with gifts from William J. Manby (BS 1967);<br>used to provide scholarships to undergraduate students enrolled in the<br>College of Education and Human Ecology who are studying to become<br>special education teachers and demonstrate financial need. First<br>preference shall be given to candidates from Summit, Medina, Stark,<br>Portage and Wayne counties of Ohio.   | \$53,167.47 | \$53,167.47 |
| The Dr. Carole Wendy Myer Bynner Radiology Resident Endowed Support<br>Fund<br>Established May 31, 2019, with a grant from Vanguard Charitable<br>recommended by Mr. Charles E. Bynner (BCE 1967) and Dr. Carole W.<br>Bynner (MS 1974); used to support the residence program in radiology in<br>the College of Veterinary Medicine.  | \$53,000.00 | \$53,000.00 |
| The Helen Hodson and Elizabeth Coad Fund for Leukemia Research<br>Established May 31, 2019, with gifts from Dr. Mark S. Hodson (DDS 1972)<br>given in memory of Helen Hodson and Elizabeth Coad; used to support<br>leukemia research as undertaken by Dr. John Byrd (or successor).   | \$53,000.00 | \$53,000.00 |
| Jeffrey M. Fowler, MD Endowed Lectureship Fund in Gynecologic<br>Oncology<br>Established May 31, 2019, with gifts from friends of Dr. Jeffrey M. Fowler;<br>used to support a lectureship in Gynecologic Oncology at The Ohio State<br>University Comprehensive Cancer Center – Arthur G. James Cancer<br>Hospital and Richard J. Solove Research Institute for medical<br>professionals, students or fellows, researchers and clinicians. The lecture<br>shall occur annually or as funding permits. Experts in the medical specialty<br>shall present on topics of interest such as physician wellness and life/work<br>integration.   | \$52,250.00 | \$52,250.00 |

| Dr. Melanie Brodnik Endowed Scholarship Fund<br>Established May 31, 2019, with gifts from Dr. Melanie Brodnik (PhD 1991)<br>and interested parties. Dr. Brodnik served as Director of the Health<br>Information Management and Systems (HIMS) program at Ohio State for<br>nearly 40 years; used to provide scholarship support to one or more<br>students studying in the Health Information Management and Systems<br>program or its successor.  | \$50,540.40 | \$50,540.40 |
|--|-------------|-------------|
| Class of 1983 Dr. Dana Snyder Scholarship Fund<br>Established May 31, 2019, with gifts from Dr. Jane Wolford (OD 1983) and<br>the College of Optometry Class of 1983; used to provide scholarships to<br>students who are enrolled in the College of Optometry, demonstrate<br>outstanding leadership ability, are involved in student organizations, and<br>volunteer in the community. Preference will be given to candidates who<br>are involved in intramural sports. It is the donors' desire to provide as<br>significant financial support as possible to one eligible recipient. Any<br>remaining distribution shall be used to provide as significant financial<br>support as possible to additional eligible recipients. | \$50,425.00 | \$50,425.00 |
| Barbara Rausch Conner Cancer Endowment Fund<br>Established May 31, 2019, with a gift from Dr. Cynthia Lynn Conner (BS<br>1981, PhD 1988) given in memory of Paul Eugene Conner (BS 1957, MA<br>1963) and Barbara Rausch Conner (BS 1958); used at the discretion of<br>the highest ranking official(s) in The Ohio State University Comprehensive<br>Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove<br>Research Institute.  | \$50,400.00 | \$50,400.00 |
| The Dr. Judith and David Westman Scholarship Fund<br>Established May 31, 2019, with gifts from Dr. Judith Ann Westman (MD<br>1981, MS 1987) and David Arthur Westman; used to provide scholarships<br>to medical students who are enrolled in the Genetic Counseling Graduate<br>Program in the College of Medicine. If at any time the Genetic Counseling<br>Graduate Program in the College of Medicine ceases to exist, the donors<br>request that the University use the endowed fund's annual distribution to<br>provide scholarships to medical students who are enrolled in the college.  | \$50,382.69 | \$50,382.69 |
| Ira Deep and Lansing Williams Plant Pathology Fund<br>Established May 31, 2019, with gifts from friends of the Department of<br>Plant Pathology, College of Food, Agricultural, and Environmental<br>Sciences; used to provide program support in the Department of Plant<br>Pathology. Preference shall be given to graduate student support, which<br>includes, but is not limited to, graduate student research, travel, supplies<br>and other awards.  | \$50,249.00 | \$50,249.00 |
| College of Engineering Distinguished Lecture Fund<br>Established May 31, 2019, with gifts from friends of the College of<br>Engineering; used to support lectures in the College of Engineering.   | \$50,075.00 | \$50,075.00 |
| Andre Ezis Endowed Memorial Scholarship Fund<br>Established May 31, 2019, with gifts from his spouse, Kira Gilbert Ezis,<br>and family, friends, and colleagues; used to provide one scholarship to an<br>undergraduate student ranked as sophomore or higher who has a<br>minimum 2.5/4.0 grade point average, is enrolled in the Department of<br>Materials Science & Engineering and has expressed an interest in<br>Ceramic Engineering.   | \$50,002.00 | \$50,002.00 |
| Michael H. Chema Dean's Innovation Fund<br>Established May 31, 2019, with a gift from Michael H. Chema (BS 1971);<br>used at the discretion of the highest ranking official in the Max M. Fisher<br>College of Business or his/her designee.   | \$50,000.00 | \$50,000.00 |

| Distinguished Lectureship in Climate Science Fund<br>Established May 31, 2019, with a gift from the Science & Environmental<br>Policy Project; used to provide a "Distinguished Lectureship in Climate<br>Science" on the subject of climate, involving satellites, microwaves and<br>similar topics, all in furtherance of the corporation's educational and<br>charitable purpose.  | \$50,000.00 | \$50,000.00 |
|---|-------------|-------------|
| Lakshmi and Prabir Dutta Chemistry and Biochemistry Staff Fund<br>Established May 31, 2019, with gifts from Prabir K. Dutta and Lakshmi<br>Dutta (MA 1992, MA 1996); used to provide four equal awards to four<br>Department of Chemistry and Biochemistry staff employees as a bonus in<br>addition to regular salary. Candidates will be chosen based on a simple<br>lottery.   | \$50,000.00 | \$50,000.00 |
| The E.F. Harris Memorial Senior Capstone Fund<br>Established May 31, 2019, with gifts from the E.F. Harris Family<br>Foundation; used to support the Senior Capstone Program in the College<br>of Engineering.  | \$50,000.00 | \$50,000.00 |
| Vera Harris Memorial Award Fund<br>Established May 31, 2019, with gifts from the E.F. Harris Family<br>Foundation; used to support graduate students who are enrolled in the<br>College of Arts and Sciences, working toward a PhD in psychology and<br>need financial assistance for travel, research, or professional conferences<br>in order to complete their degrees.  | \$50,000.00 | \$50,000.00 |
| Nick Nguyen and Nora Mullaney Scholarship Fund<br>Established May 31, 2019, with gifts from Nicholas S. Nguyen (BS 1999)<br>who desires to further the advancement of women in the field of Computer<br>and Information Science; used to provide. scholarships to students who<br>are enrolled in the College of Arts and Sciences and are majoring in<br>Computer and Information Science. Preference shall be given to students<br>who demonstrate financial need. The donor desires that when awarding<br>this scholarship special consideration be given for students who are<br>traditionally underrepresented in Computer and Information Science. If no<br>students meet the selection criteria, the scholarship(s) will be open to all<br>students who are enrolled in the college. | \$50,000.00 | \$50,000.00 |
| Dr. J. James Thimons Fund for Clinical Excellence in Optometry<br>Established May 31, 2019, with gifts from Dr. J. James Thimons (OD<br>1978); used to provide a tuition-only scholarship to one third or fourth year,<br>optometry student who is enrolled in the College of Optometry. Candidates<br>must demonstrate clinical excellence. Preference shall be given to<br>candidates who reside in the state of Ohio.  | \$50,000.00 | \$50,000.00 |
| Change Description and Name of Named Endowed Fund (Foundation)  |             |             |
| From: Dr. Carl F. Asseff Professorship Fund in History of Medicine<br>To: Dr. Carl F. Asseff Professorship Fund in Anthropology and History of<br>Medicine  |             |             |
| From: The Dr. John H. Helwig Endowment Fund for Food Animal<br>Research and Graduate Studies in Veterinary Preventive Medicine<br>To: The Dr. John H. Helwig Endowment Fund for Graduate Studies in<br>Veterinary Preventive Medicine   |             |             |
| From: The Timothy P. (DVM) and Debra J. Trayer, Marysville Teaching<br>Practice Fund<br>To: The Timothy P. (DVM) and Debra J. Trayer Scholarship / Marysville<br>Teaching Practice Fund   |             |             |

Change Description of Named Endowed Fund (Foundation)

Coach John F. Bruce Swimming Scholarship Fund

Tim and Kathleen Keenan Entrepreneurship Endowment Fund

Dr. Robert G. Sigler Scholarship Fund

Benjamin and Cleo Toombs Medical Scholarship Fund

Change Name of Named Endowed Fund (Foundation)

From: The Ohio State Women's Swimming Champions Fund To: The McNulty Family Champions Fund

From: Tetrapods Collection Endowed Support Fund To: Jen Foren Tetrapod Fund

Total \$5,960,513.10

\*Amounts establishing endowments as of April 30, 2019.

#### **Civil Engineering Scholarship Fund**

The Board of Trustees of The Ohio State University shall establish the Civil Engineering Scholarship Fund, as a quasiendowment, effective May 31, 2019, with a fund transfer by the College of Engineering of a gift from the estate of Rachel L. Zook.

The annual distribution from this fund provides one or more scholarships to students who are majoring in civil engineering. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Engineering, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Engineering or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the College of Engineering that the quasi-endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University may modify the purpose of this fund, in consultation with the unit named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University, may modify the purpose of this fund. The University shall consult the highest ranking official in the college or his/her designee to identify a similar purpose consistent with the original intent of the unit. Modifications to endowed funds shall be approved by the University's Board of Trustees, in accordance with the policies of the University.

#### Louise B. Guthman Scholarship Fund

The Board of Trustees of The Ohio State University shall establish the Louise B. Guthman Scholarship Fund, as a quasi-endowment, effective May 31, 2019, with a fund transfer by the College of Arts and Sciences of a gift from the estate of Louise B. Guthman.

The annual distribution from this fund provides one or more scholarships to students for the study of dance production. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Arts and Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the College of Arts and Sciences that the quasi-endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University may modify the purpose of this fund, in consultation with the unit named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University, may modify the purpose of this fund. The University shall consult the highest ranking official in the college or his/her designee to identify a similar purpose

consistent with the original intent of the unit. Modifications to endowed funds shall be approved by the University's Board of Trustees, in accordance with the policies of the University.

#### Dr. William L. Ingalls Endowed Scholarship in the College of Veterinary Medicine

The Board of Trustees of The Ohio State University shall establish the College of Veterinary Medicine Endowed Fund effective November 3, 2017, with a fund transfer by the College of Veterinary Medicine of an unrestricted gift from the estate of William L. Ingalls (DVM 1942, MS 1947). Effective May 31, 2019, the fund name and purpose shall be revised.

Throughout his career in veterinary medicine, Dr. Ingalls embodied the values of integrity, passion, loyalty, tireless work ethic, professionalism and servant leadership.

The annual distribution from this fund shall be used to provide scholarships to students enrolled in the College of Veterinary Medicine. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment, or reinvested in the endowment principal at the discretion of the dean of the College of Veterinary Medicine or his/her designee.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the College of Veterinary Medicine that the endowment established herein should benefit the University in perpetuity. The University reserves the right to modify the purposes of this fund, however, if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University shall consult the dean of the college or his/her designee. Modifications to endowed funds shall be approved by the University's Board of Trustees, in accordance with the policies of the University.

#### The W. Keith Davis Memorial Scholarship Fund

The W. Keith Davis Memorial Scholarship Fund was established March 1, 1985, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Gerald A. and Betty L. (BS 1949) Davis, of Marion. Ohio. The description was revised on March 5, 2003. Effective May 31, 2019, the fund description shall be revised.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

Seventy-five percent of the annual distribution shall be used to provide scholarship assistance to qualified students of sophomore standing or higher who are enrolled at The Ohio State University, Marion Campus. The selection of the scholarship recipient(s) will be made by Student Financial Aid upon the recommendation of the dean and director of The Ohio State University at Marion. The remaining twenty-five percent of the distribution shall be reinvested to principal.

Should the need for this fund cease to exist or so diminish as to provide unused distribution, then the distribution may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the person or committee then responsible for student scholarship awards.

#### Andrei Baronov and Ratmir Timashev Endowed Chair in Data Analytics

The Andrei Baronov and Ratmir Timashev Endowed Chair Fund in Data Analytics was established June 8, 2018, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from Veeam Software Corporation. The required funding

level for an endowed chair has been reached. Effective May 31, 2019, the fund name and description shall be revised and the position shall be established.

The annual distribution from this fund supports an endowed chair position in data analytics. The eligible candidate must be a professor from an Arts and Sciences tenure-initiating unit. Appointment to the position shall be recommended to the Provost by the executive dean of the college and approved by the University's Board of Trustees. The activities of the chair holder shall be reviewed no less than every four years by the executive dean of the College of Arts and Sciences to determine compliance with the intent of the donor, as well as the academic and research standards of the University.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment, or reinvested in the endowment principal at the discretion of the executive dean of the College of Arts and Sciences or his/her designee.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donor named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult executive dean of the College of Arts and Sciences. Modifications to endowed funds shall be approved by the University's Board.

#### Arthur Scholarship in Medicine Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Arthur Scholarship in Medicine Fund effective May 31, 2019, with gifts from Dr. R. Eugene Arthur (MD 1968) and Catherine B. Arthur.

The annual distribution from this fund provides one or more scholarships to students who are enrolled in the College of Medicine and demonstrate financial need. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

### The Dr. and Mrs. William M. Black Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Dr. and Mrs. William M. Black Endowed Scholarship Fund effective May 31, 2019, with a distribution from The William M. Black Charitable Remainder Unitrust in memory of Dr. William M. Black (BA 1953, DDS 1956) and Mrs. Nancy Black of Zanesville, Ohio.

The annual distribution from this fund provides four annual scholarship awards for good students from any class level in the College of Dentistry. Scholarships shall be named in honor of Dr. and Mrs. Frederick L. Black, Dr. and Mrs. Frederick W. Black, Dr. and Mrs. Harold W. Black, and Dr. and Mrs. William M. Black. Scholarship recipients and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Dentistry, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Dentistry or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Dentistry or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Casey Family Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Casey Family Endowed Scholarship Fund effective May 31, 2019, with a gift from Karen S. Casey (MA 1978, JD 1991).

The annual distribution from this fund provides one or more renewable scholarships to students who are enrolled in the Michael E. Moritz College of Law and demonstrate financial need. Candidates must be residents of the state of Ohio and demonstrate a high level of leadership or community service potential for the profession of law or other professional fields. Preference shall be given to students with an interest in small firm law practice, corporate law, or public interest law. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the Michael E. Moritz College of Law or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation

with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Michael E. Moritz College of Law or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Alan C. Michaels Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Alan C. Michaels Endowed Scholarship Fund effective May 31, 2019, with gifts from friends and colleagues.

The annual distribution from this fund provides one or more scholarships to students who are enrolled in the Michael E. Moritz College of Law and demonstrate financial need. The donors desire that when awarding this scholarship special consideration be given for students who have experience living or working in diverse environments. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the Michael E. Moritz College of Law or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Michael E. Moritz College of Law or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Jerry F. Nichols Accounting Scholarship Endowment Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Jerry F. Nichols Accounting Scholarship Endowment Fund effective May 31, 2019, with gifts from Jerry F. Nichols (BS 1965).

The annual distribution from this fund provides one or more scholarships to undergraduate students who are studying accounting. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the Max M. Fisher College of Business, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the Max M. Fisher College of Business or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal. The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Max M. Fisher College of Business or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Women & Philanthropy Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Women & Philanthropy Scholarship Fund effective May 31, 2019, with gifts from members of Women & Philanthropy.

The annual distribution from this fund provides one or more scholarships to students. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by Student Financial Aid, in consultation with Women & Philanthropy.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in Student Financial or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in Student Financial Aid or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Joshua Song Fund for Career Exploration

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Joshua Song Fund for Career Exploration effective May 31, 2019, with gifts from family and friends of Joshua Song to encourage and enable students to dream, grow, and find their passion in Food Science and Technology.

The annual distribution from this fund supports students who are enrolled in the College of Food, Agricultural, and Environmental Sciences and are studying Food Science and Technology in personal and professional growth. Expenditures may include but are not limited to undergraduate research, unpaid internships, professional development, conference, travel, and student club support. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the college. The highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Eugene D. Smith Leadership Institute Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Eugene D. Smith Leadership Institute Fund effective May 31, 2019, with gifts from the Margaret and Robert Walter Foundation.

The annual distribution from this fund shall be used in support of Ohio State's Eugene D. Smith Leadership Institute to provide leadership, character and career development for all Ohio State student-athletes in order to best prepare them for life after graduation. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the Department of Athletics.

The highest ranking official in the Department of Athletics or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Department of Athletics or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Blue Buffalo Foundation Joyce Novotny Memorial Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Blue Buffalo Foundation Joyce Novotny Memorial Scholarship Fund effective May 31, 2019, with a gift from the Blue Buffalo Foundation.

The annual distribution from this fund provides one or more scholarships to third-year veterinary students who have demonstrated an interest in canine medicine or nutrition. If no students meet the selection criteria, the scholarship(s) will be open to all students enrolled in the College of Veterinary Medicine. It is the donor's intent to provide significant financial support to the scholarship recipients, rather than provide smaller scholarships to several recipients. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid. The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Veterinary Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Veterinary Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Ingram Family Endowed Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Ingram Family Endowed Fund effective May 31, 2019, with gifts from donors, including Marci and Bill Ingram on behalf of the Bill and Marci Ingram Foundation, a donor advised fund of The Columbus Foundation.

This fund is designated to The Ohio State University Wexner Medical Center, Center for Autism Services and Transition Clinic, the purpose of which is to develop and provide ongoing operational support to The Ohio State University Wexner Medical Center to advance clinical care, outreach programs, centralized services and community partnerships for adults or transitioning adolescents with autism spectrum disorder or developmental disabilities, and their families, through a patient-centered medical-home-model clinic which provides specialized services in medical, holistic health, social/psychological care and in navigation/transitioning assistance and community partnership referrals.

At the discretion of the highest ranking official in The Ohio State University Wexner Medical Center, the annual distribution from this fund shall be transferred to the Marci and Bill Ingram Adult Autism and Developmentally Disabled Program Fund which is used solely to provide support for the operations of the Center for Autism Services and Transition Clinic at The Ohio State University Wexner Medical Center, Department of Internal Medicine.

The highest ranking official in The Ohio State University Wexner Medical Center or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in The Ohio State University Wexner Medical Center or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Thomas X. Singer and Marie E. Dixon Endowed Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Thomas X. Singer and Marie E. Dixon Endowed Fund effective May 31, 2019, with gifts from Thomas X. Singer (BS 1962) and Marie E. Dixon.

The annual distribution from this fund supports students who are enrolled in the School of Environment and Natural Resources and majoring in Environmental Science, with preference given to those who demonstrate financial need, but are not eligible to receive funding from the Federal Pell Grant Program. If the Pell Grant ceases to exist, preference shall be given to those who demonstrate financial need. Support may include but is not limited to, scholarships, research projects, conference expenses, registration fees, professional development activities, and internships. If no students meet the selection criteria, support will be open to all students who are enrolled in the school and majoring in Environmental Science.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

Recipients, the number of recipients, and amount of each award shall be determined in accordance with the then current guidelines and procedures established by the College of Food, Agricultural, and Environmental Sciences, in consultation with Student Financial Aid.

Unused distribution in the distribution fund is to be held and used in subsequent years.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### James R. Wright Jr, MD, PhD Lectureship Endowed Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the James R. Wright Jr, MD, PhD Lectureship Endowed Fund effective May 31, 2019, with gifts from James R. Wright Jr. (BS 1977, MA 1984, MD 1984, PhD 1995).

The annual distribution from this fund provides a lectureship (to be held annually as funding permits) focusing first on the field of history of pathology and second on other medical history topics including, but not limited to, practices, procedures, medical technology, treatment and prevention of disease, and institutional approaches as may be identified by the director of the Health Science Library or his/her designee, in consultation with the head curator of the Medical Heritage Center. Expenditures shall be approved in accordance with the current guidelines and procedures established by the College of Medicine.

The highest ranking official in the College of Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund.

The University and the Foundation shall consult the highest ranking official in the College of Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Herr Endowment for the Chadwick Arboretum & Learning Gardens

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Herr Endowment for the Chadwick Arboretum & Learning Gardens effective May 31, 2019, with gifts from Joan E. (MS 1954) and Donald E. (BS 1951, PhD 1965) Herr.

The annual distribution from this fund shall to support the operation and maintenance of the Chadwick Arboretum & Learning Gardens within the Department of Horticulture and Crop Science. Use of the funds will be at the discretion of the director of the Chadwick Arboretum & Learning Gardens, in consultation with the chair of the Department of Horticulture and Crop Science.

In any given year that the endowment distribution is not fully used for its intended purposes, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment, or reinvested in the endowment principal at the discretion of the director of the Chadwick Arboretum & Learning Gardens, in consultation with the chair of the Department of Horticulture and Crop Science.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donors named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the dean of the College of Food, Agricultural, and Environmental Sciences and the chair of Horticulture and Crop Science. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Centennial Fund for the Department of Agricultural Communication, Education, and Leadership

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Centennial Fund for The Department of Agricultural Communication, Education, and Leadership effective May 31, 2019, with gifts from friends of the Department of Agricultural Communication, Education, and Leadership.

This Centennial Fund commemorates the 100th Anniversary of the Department of Agricultural Communication, Education, and Leadership. The goal of this fund is to ensure the continued evolution of educational opportunities, programs and curricula that best prepare our graduates for rewarding careers as communicators, educators and agricultural industry leaders.

The annual distribution from this fund shall benefit the students and faculty of the Department of Agricultural Communication, Education, and Leadership by filling discretionary needs to include, but not be limited to, providing teaching/research awards and/or a named professorship/chair, as determined by the chair of the department. Expenditures shall be approved in accordance with the then current University policies and guidelines and procedures established by the College of Food, Agricultural, and Environmental Sciences.

The highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to

their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Douglas and Jamie Fairchild Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Douglas and Jamie Fairchild Endowed Scholarship Fund effective May 31, 2019, with gifts from Douglas (BS 1980, MS 1982, PhD 1995) and Jamie (BS 1981) Fairchild and matching gifts from ExxonMobil.

The annual distribution from this fund provides one or more scholarships to undergraduate students who are enrolled in the College of Engineering and have declared and/or maintain Welding Engineering as their major. First preference is for candidates who demonstrate financial need and who have a minimum 3.0 grade point average (GPA). Scholarships are renewable, up to a total of five years. Second preference is for candidates who have a minimum 3.5 GPA. These scholarships are not renewable. If there are no Welding Engineering candidates, then students pursuing a degree in Materials Science and Engineering degree may be considered.

The number of scholarships awarded shall be determined based on the amount of the annual distribution. Scholarships shall be no more than fifty percent of the cost-of-tuition. The donors' objective is to provide as many fifty percent costof-tuition scholarships. If the annual distribution is more than sufficient to provide one fifty percent costtuition scholarship, the excess amount shall provide a second scholarship at a lesser percentage. If the annual distribution is more than sufficient to provide two fifty percent cost-of-tuition scholarships, the excess amount shall provide a third scholarship at a lesser percentage, etc. Recipients shall be selected by the college's scholarship committee, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

Unused distribution shall be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Engineering or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

### The Carol and Ryan Wright Wrestling Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Carol and Ryan Wright Wrestling Scholarship Fund effective May 31, 2019, with gifts from Carol and Ryan Wright of Jackson, Ohio.

The annual distribution from this fund shall supplement the grant-in-aid costs of an undergraduate student-athlete who is a member of the wrestling team. Scholarship recipients shall be selected by the director of the Department of Athletics, in consultation with Student Financial Aid.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donors named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the director of the Department of Athletics. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Joseph Palmer Scholarship in the College of Social Work

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Joseph Palmer Scholarship in the College of Social Work effective May 31, 2019, with gifts from Mark J. Palmer in memory of his father.

Dr. Joseph R. Palmer received a BS in Social Administration from Ohio State in 1956; an MSW degree from Michigan State in 1960; and a PhD in Criminology from Ohio State in 1970. He spent much of his career in the corrections field, starting as a parole officer and working his way up into leadership positions for many organizations including the Ohio Department of Rehabilitation and Correction; Ohio Department of Youth Services; and the Ohio Department of Mental Health. In 1992, he founded his own private practice, Mediation Services of Ohio. Dr. Palmer served in the U.S. Navy during the Korean War, and later was in the U.S. Airforce Reserve, retiring at the rank of Lieutenant Colonel. He was an example to all as a husband, father, grandfather, great-grandfather, soldier, public servant, community leader and most of all—a follower of Jesus Christ. His dedication to paying it forward and taking care of those who needed it most was evident in the work he did and the love he showed to all he came to know.

The annual distribution from this fund shall be used to provide a need-based scholarship to a graduate student enrolled in the College of Social Work and working toward a MSW or PhD. Preference shall be given to candidates whose field placement demonstrates an interest in faith-based social work. Recipients will be selected by the dean of the college or his/her designee, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment, or reinvested in the endowment principal at the discretion of the dean of the College of Social Work or his/her designee.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donor named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the dean of the College of Social Work or his/her designee. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Herr Family Endowment Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Herr Family Endowment Fund effective May 31, 2019, with gifts from Joan E. (MS 1954) and Donald E. (BS 1951, PhD 1965) Herr.

The annual distribution from this fund supports programs for caregivers of patient's with cognitive disorders. Expenditures may include, but are not limited to, social work or other referral services to community resources;

education or support group activities; and other types of outreach programs for caregivers. Expenditures shall be approved in accordance with the current guidelines and procedures established by the College of Medicine.

The highest ranking official in the College of Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Doris and Robert Zulauf Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Doris and Robert Zulauf Endowed Scholarship Fund effective May 31, 2019, with gifts from Dr. Carl R. Zulauf (BS 1973, MS 1973) and friends.

The annual distribution from this fund supports undergraduate students who are enrolled in the College of Food, Agricultural, and Environmental Sciences and are pursuing an internship in the Washington, D.C. area. Top priority will be given to students who have been accepted in the John Glenn College of Public Affairs' Washington Academic Internship Program or its successor. Scholarships will be awarded to candidates who meet the following selection criteria in this order of preference.

- 1) Internship will be focused on commercial agricultural policy
- 2) Internship will be on Capitol Hill or internship will have congressional legislative activity responsibilities
- 3) Majoring in a degree program in the Department of Agricultural, Environmental, and Development Economics

Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Food, Agricultural, and Environmental Sciences, in consultation with Student Financial Aid. Scholarships will be awarded in amounts not to exceed fifty percent of the cost to participate in the internship program. It is the donor's desire to provide as significant financial support as possible to one eligible recipient. Any remaining distribution may be used to provide as significant financial support as possible to additional eligible recipients.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

Unused distribution in the distribution fund shall be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donor/. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Sheldon J. Harris Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Sheldon J. Harris Endowed Scholarship Fund effective May 31, 2019, with gifts from Sheldon Harris (BS 1974).

The annual distribution from this fund provides scholarships to students who without the scholarship would not be able to attend due to dire financial need. The donor requests that the University use the endowed fund's annual distribution to provide need-based scholarship support to full-time undergraduate students attending the Columbus campus who are residents of Ohio. The donor's intent is to support late academic bloomers who show scholastic potential. The scholarship shall be given to incoming freshmen with the minimum ACT and GPA for admission to the Columbus campus. If Ohio State does not have a required ACT score and high school GPA, preference is for students who do not receive merit aid from the University. The scholarship shall be used for the cost of tuition, room & board, books & supplies, and miscellaneous educational expenses. Recipients will be selected by Student Financial Aid. Scholarships are renewable up to eight semesters as long as recipients meet the selection criteria.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in Student Financial Aid or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in Student Financial Aid or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Sally Ann Manby and William Manby Education Endowment Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Sally Ann Manby and William Manby Education Endowment Fund effective May 31, 2019, with gifts from William J. Manby (BS 1967).

The annual distribution from this fund provides one or more scholarships to undergraduate students enrolled in the College of Education and Human Ecology who are studying to become special education teachers and demonstrate financial need. First preference shall be given to candidates from Summit, Medina, Stark, Portage and Wayne counties of Ohio. Recipients will be selected by the college's dean, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Education and Human Ecology or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Education and Human Ecology or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Dr. Carole Wendy Myer Bynner Radiology Resident Endowed Support Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Dr. Carole Wendy Myer Bynner Radiology Resident Endowed Support Fund effective May 31, 2019, with a grant from Vanguard Charitable recommended by Mr. Charles E. Bynner (BCE 1967) and Dr. Carole W. Bynner (MS 1974).

The annual distribution from this fund supports the residence program in radiology in the College of Veterinary Medicine. Expenditures shall be recommended by the section head of radiology with approval by the dean of the college or his/her designee.

The highest ranking official in the College of Veterinary Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the grantor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of the fund, in consultation with the grantor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Veterinary Medicine or his/her designee to identify a similar purpose consistent with the original intent of the grantor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Helen Hodson and Elizabeth Coad Fund for Leukemia Research

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Helen Hodson and Elizabeth Coad Fund for Leukemia Research effective May 31, 2019, with gifts from Dr. Mark S. Hodson (DDS 1972) given in memory of Helen Hodson and Elizabeth Coad.

The annual distribution from this fund supports leukemia research as undertaken by Dr. John Byrd (or successor). Expenditures shall be recommended by Dr. John Byrd (or successor) or his/her designee and approved in accordance with the then current guidelines and procedures established by The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion shall be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful,

impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking officials in The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute or his/her/their designee(s) to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Jeffrey M. Fowler, MD Endowed Lectureship Fund in Gynecologic Oncology

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Jeffrey M. Fowler, MD Endowed Lectureship Fund in Gynecologic Oncology effective May 31, 2019, with gifts from friends of Dr. Jeffrey M. Fowler.

The annual distribution from this fund supports a lectureship in Gynecologic Oncology at The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (OSUCCC-James) for medical professionals, students or fellows, researchers and clinicians. The lecture shall occur annually or as funding permits. Experts in the medical specialty shall present on topics of interest such as physician wellness and life/work integration. Expenditures may include the speaker's honorarium, travel, lodging, per diem expenses as well as space rental, signage, technology, printing and other associated lectureship costs, as approved by the head of the Division of Gynecologic Oncology, in consultation with the CEO of The James.

The highest ranking official in the OSUCCC-James or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the OSUCCC-James or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

### Dr. Melanie Brodnik Endowed Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Dr. Melanie Brodnik Endowed Scholarship Fund effective May 31, 2019, with gifts from Dr. Melanie Brodnik (PhD 1991) and interested parties. Dr. Brodnik served as Director of the Health Information Management and Systems (HIMS) program at Ohio State for nearly 40 years.

The annual distribution from this fund provides scholarship support to one or more students studying in the Health Information Management and Systems program or its successor. Candidates will be recommended by the highest ranking official in the program or his/her designee. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Medicine, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Class of 1983 Dr. Dana Snyder Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Class of 1983 Dr. Dana Snyder Scholarship Fund effective May 31, 2019, with gifts from Dr. Jane Wolford (OD 1983) and the College of Optometry Class of 1983.

The annual distribution from this fund provides one or more scholarships to students who are enrolled in the College of Optometry, demonstrate outstanding leadership ability, are involved in student organizations, and volunteer in the community. Preference will be given to candidates who are involved in intramural sports. It is the donors' desire to provide as significant financial support as possible to one eligible recipient. Any remaining distribution shall be used to provide as significant financial support as possible to additional eligible recipients. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Optometry or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Optometry or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Barbara Rausch Conner Cancer Endowment Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Barbara Rausch Conner Cancer Endowment Fund effective May 31, 2019, with a gift from Dr. Cynthia Lynn Conner (BS 1981, PhD 1988) given in memory of Paul Eugene Conner (BS 1957, MA 1963) and Barbara Rausch Conner (BS 1958).

The annual distribution from this fund shall be used at the discretion of the highest ranking official(s) in The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (OSUCCC - James). Expenditures shall be approved in accordance with the then current guidelines and procedures established by the OSUCCC – James. The highest ranking official in the OSUCCC - James or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the OSUCCC - James or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Dr. Judith and David Westman Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The Dr. Judith and David Westman Scholarship Fund effective May 31, 2019, with gifts from Dr. Judith Ann Westman (MD 1981, MS 1987) and David Arthur Westman.

The annual distribution from this fund provides scholarships to medical students who are enrolled in the Genetic Counseling Graduate Program in the College of Medicine. If at any time the Genetic Counseling Graduate Program in the College of Medicine cases to exist, the donors request that the University use the endowed fund's annual distribution to provide scholarships to medical students who are enrolled in the college. Recipients will be selected by the dean of the college or his/her designee, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Ira Deep and Lansing Williams Plant Pathology Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Ira Deep and Lansing Williams (MS 1952, PhD 1954) Plant Pathology Fund effective May 31, 2019, with gifts from friends of the Department of Plant Pathology, College of Food, Agricultural, and Environmental Sciences.

The annual distribution from this fund provides program support in the Department of Plant Pathology. Preference shall be given to graduate student support, which includes, but is not limited to, graduate student research, travel, supplies and other awards. If the department's chairperson has contributed to this endowment, the chairperson shall recommend

expenditures and the dean of the College of Food, Agricultural, and Environmental Sciences shall approve the expenditures, in consultation with Student Financial Aid when appropriate. When the current chairperson is not a contributor, the expenditures shall then be approved by the chairperson, in consultation with Student Financial Aid when appropriate.

The University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Food, Agricultural, and Environmental Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### College of Engineering Distinguished Lecture Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the College of Engineering Distinguished Lecture Fund effective May 31, 2019, with gifts from friends of the College of Engineering.

The annual distribution from this fund supports lectures in the College of Engineering. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the college.

The highest ranking official in the College of Engineering or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Engineering or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

### Andre Ezis Endowed Memorial Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Andre Ezis Endowed Scholarship Fund effective May 31, 2019, with gifts from his spouse, Kira Gilbert Ezis, and family, friends, and colleagues.

Andre Ezis was born in Latvia and lived "the American dream". As an infant, he and his parents were forced to leave their home from the invading Russian army. His family spent five years in a labor camp for displaced persons in

Kempten, Germany. In 1949 his family successfully made the journey to America with the help of the Lutheran Church and settled in North Baltimore, in northwest Ohio. The family worked for 3 years to repay the church for their fare from Germany. They later moved to Findlay, Ohio. Andre would be accepted into The Ohio State University and receive his bachelor's degree in Ceramic Engineering followed by a master's degree in Nuclear Engineering. After an acclaimed career in the automotive industry, Andre started and led a successful business in the ceramics industry.

The intent of this fund is to recognize Mr. Andre Ezis, an immigrant to the United States, an entrepreneur and significant force in the study of structural ceramics and to strengthen and perpetuate the interest and study of ceramic engineering at The Ohio State University.

It is the desire of the Donor that the recipients exhibit an understanding of the fundamental work of Andre's career and understand how his passion for his work affected the ceramics industry resulting in his many contributions.

Annual distribution shall provide one scholarship to an undergraduate student ranked as sophomore or higher who has a minimum 2.5/4.0 grade point average, is enrolled in the Department of Materials Science & Engineering and has expressed an interest in Ceramic Engineering. Candidates must provide a one-time 500 word (maximum) essay on Andre Ezis' contributions in the area of Ceramic Engineering. The scholarship is renewable for two additional academic years as long as the recipient meets the selection criteria. In the event that multiple candidates with equal qualifications are identified, preference shall be given to candidates who demonstrate financial need.

Scholarship recipients may be recommended by the scholarship committee of the Department of Materials Science & Engineering with input from faculty specializing in the field of Ceramic Engineering. Scholarship recipients and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Engineering, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused distribution from this endowed fund shall be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donors named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the dean of the College of Engineering or his/her designee. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Michael H. Chema Dean's Innovation Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Michael H. Chema Dean's Innovation Fund effective May 31, 2019, with a gift from Michael H. Chema (BS 1971).

The annual distribution from this fund shall be used at the discretion of the highest ranking official in the Max M. Fisher College of Business or his/her designee. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the college.

The highest ranking official in the Max M. Fisher College of Business or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Max M. Fisher College of Business or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

### Distinguished Lectureship in Climate Science Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Distinguished Lectureship in Climate Science Fund effective May 31, 2019, with a gift from the Science & Environmental Policy Project.

The annual distribution from this fund shall be used to provide a "Distinguished Lectureship in Climate Science" on the subject of climate, involving satellites, microwaves and similar topics, all in furtherance of the corporation's educational and charitable purpose. The annual distribution shall be used to cover the expenses of the annual lecture. A selection panel selected and chaired by the department head of the Department of Electrical Engineering shall select the person who will deliver the lecture. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the College of Engineering.

The highest ranking official in the College of Engineering or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Engineering or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Lakshmi and Prabir Dutta Chemistry and Biochemistry Staff Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Lakshmi and Prabir Dutta Chemistry and Biochemistry Staff Fund effective May 31, 2019, with gifts from Prabir K. Dutta and Lakshmi Dutta (MA 1992, MA 1996).

The annual distribution from this fund provides four equal awards to four Department of Chemistry and Biochemistry staff employees as a bonus in addition to regular salary. Candidates will be chosen based on a simple lottery. Once a staff member receives the award, they are not eligible again until every other eligible staff member in the department has received the award. The bonus is not related in any way to performance or any other metrics. Candidates must have at least two years of service in the department. Candidates whose primary function is to do research are ineligible. An announcement of the recipients shall be made annually by the department.

Expenditures shall be approved in accordance with the then current guidelines and procedures established by the College of Arts and Sciences.

The highest ranking official in the College of Arts and Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Arts and Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The E.F. Harris Memorial Senior Capstone Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish The E.F. Harris Memorial Senior Capstone Fund effective May 31, 2019, with gifts from the E.F. Harris Family Foundation.

The annual distribution from this fund supports the Senior Capstone Program in the College of Engineering. Expenditures shall be recommended by the chair of the Department of Engineering Education or his/her designee and approved by the dean of the college or his/her designee.

The highest ranking official in the College of Engineering or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Engineering or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Vera Harris Memorial Award Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Vera Harris Memorial Award Fund effective May 31, 2019, with gifts from the E.F. Harris Family Foundation.

The annual distribution from this fund supports graduate students who are enrolled in the College of Arts and Sciences, working toward a PhD in psychology and need financial assistance for travel, research, or professional conferences in order to complete their degrees. Recipients shall be selected by the chair of the Department of Psychology or his/her designee, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Arts and Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Arts and Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Nick Nguyen and Nora Mullaney Scholarship Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Nick Nguyen and Nora Mullaney Scholarship Fund effective May 31, 2019, with gifts from Nicholas S. Nguyen (BS 1999) who desires to further the advancement of women in the field of Computer and Information Science.

The annual distribution from this fund provides one or more scholarships to students who are enrolled in the College of Arts and Sciences and are majoring in Computer and Information Science. Preference shall be given to students who demonstrate financial need. The donor desires that when awarding this scholarship special consideration be given for students who are traditionally underrepresented in Computer and Information Science. If no students meet the selection criteria, the scholarship(s) will be open to all students who are enrolled in the college. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the college, in consultation with Student Financial Aid.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Arts and Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Arts and Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Dr. J. James Thimons Fund for Clinical Excellence in Optometry

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, shall establish the Dr. J. James Thimons Fund for Clinical Excellence in Optometry effective May 31, 2019, with gifts from Dr. J. James Thimons (OD 1978).

The annual distribution from this fund provides a tuition-only scholarship to one third or fourth year, optometry student who is enrolled in the College of Optometry. Candidates must demonstrate clinical excellence. Preference shall be given to candidates who reside in the state of Ohio. Recipients shall be recommended by the college's Admissions and Financial Aid personnel or their designees and selected by the dean of the college or his/her designee, in consultation

with the University's Student Financial Aid personnel. The scholarship is renewable as long as the recipient remains in good standing with the college.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Optometry or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Optometry or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Dr. Carl F. Asseff Professorship Fund in Anthropology and History of Medicine

The Dr. Carl F. Asseff Professorship Fund in History of Medicine was established April 8, 2016, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from Dr. Carl F. Asseff (BA 1963, MD 1966). Effective May 31, 2019, the fund name and description shall be revised to the Dr. Carl F. Asseff Professorship Fund in Anthropology and History of Medicine.

Until the endowment principal reaches the minimum funding level required at that date for an endowed professorship (\$1,000,000 on or before December 31, 2019), the annual distribution shall be used to recruit candidates for the position.

When the endowment principal reaches the minimum funding level required at that date for an endowed professorship (\$1,000,000 on or before December 31, 2019), the fund name shall be revised to the Dr. Carl F. Asseff Professorship in Anthropology and History of Medicine. Thereafter, the University shall use the endowed fund's annual distribution to support an endowed professorship position in the Department of Anthropology or the Department of History. Appointment to the position shall be recommended to the Provost by the executive dean of the College of Arts and Sciences and approved by the University's Board of Trustees. The activities of the professorship holder shall be reviewed no less than every four years by the college's executive dean to determine compliance with the intent of the donor, as well as the academic and research standards of the University.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment, or reinvested in the endowment principal at the discretion of the chairs of the Departments of Anthropology and History or their designees.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donor named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the executive dean of the College of Arts and Sciences or his/her designee. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The Dr. John H. Helwig Endowment Fund for Graduate Studies in Veterinary Preventive Medicine

The Dr. John H. Helwig Endowment Fund for Food Animal Research and Graduate Studies in Veterinary Preventive Medicine was established November 4, 2005, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from Suzanne Helwig McNutt (BA 1961), Joanne Jarvis Percy (BSEd 1964), alumni, family, and friends, in memory of Dr. John H. Helwig (DVM 1937, MS 1939). Effective May 31, 2019, the fund name and description shall be revised.

The annual distribution from this fund shall be used to provide monies to support post-DVM graduate students doing research in food animal disease or public health within the Department of Veterinary Preventive Medicine. Recipients, the number of recipients, and amount of each award shall be determined in accordance with the then current guidelines and procedures established by the College of Veterinary Medicine.

The highest ranking official in the College of Veterinary Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that this fund should benefit the University in perpetuity. If, in the future, the need for this fund should cease to exist or so diminish as to provide unused distributions, then another use shall be designated by the Board of Trustees and Foundation Board as recommended by the dean of the College of Veterinary Medicine, in consultation with the donors or their designee. Any such alternate distributions shall be made in a manner as nearly aligned with the original intent of the donors as good conscience and need dictate.

#### The Timothy P. (DVM) and Debra J. Trayer Scholarship / Marysville Teaching Practice Fund

The Timothy P. (DVM) and Debra J. Trayer, Marysville Teaching Practice Fund was established June 4, 2004, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from Dr. Timothy P. (DVM 1979) and Debra J. Trayer of Denver, Pennsylvania. The description was revised on June 6, 2014. Effective May 31, 2019, the fund name and description shall be revised.

The annual distribution from this fund shall be used by the College of Veterinary Medicine in the following order of preference. First, to provide scholarship support to students from Wilmington College who are enrolled in the College of Veterinary Medicine. And demonstrate interest in food animal practice. Second, to provide scholarship support to students from Wilmington College who are enrolled in the College of Veterinary Medicine. Third, to support educational activities at the Marysville Teaching Practice. Scholarship recipients, the number of recipients, and amount of each scholarship shall be determined in accordance with the then current guidelines and procedures for scholarship administration established by the College of Veterinary Medicine, in consultation with Student Financial Aid. Expenditures shall be approved in accordance with the then current guidelines and procedures established by the College of Veterinary Medicine.

The Ohio State University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The highest ranking official in the College of Veterinary Medicine or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above or their designee. In accordance with Ohio Revised Code, if the purpose of the fund

becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Veterinary Medicine or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Coach John F. Bruce Swimming Scholarship Fund

The John Bruce Family Swimming Scholarship Fund was established July 12, 2002, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with seed gifts from Dr. Timothy Duffey, Shawn Sentz and Joseph Budde and other gifts from family, friends, and former athletes of the late swimming coach. The name was revised on June 4, 2004. Effective May 31, 2019, the fund description shall be revised.

The annual distribution from this fund shall be used to supplement the student grant-in-aid scholarship costs of a student-athlete who is a member of the men's swimming team pursuing an undergraduate degree at The Ohio State University. The recipient will be selected by the director of the Department of Athletics, in consultation with Student Financial Aid.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that this fund should benefit the University in perpetuity. If, in the future, the need for this fund should cease to exist or so diminish as to provide unused distributions, then another use shall be designated by the Board of Trustees and Foundation Board as recommended by the director of Department of Athletics. Any such alternate distributions shall be made in a manner as nearly aligned with the original intent of the donors as good conscience and need dictate.

#### Tim and Kathleen Keenan Entrepreneurship Endowment Fund

The Tim (BS 1980) and Kathleen Keenan Entrepreneurship Endowment Fund was established August 31, 2018, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from The Keenan Family Foundation. Effective May 31, 2019, the fund description shall be revised.

The annual distribution shall be reinvested in the endowment principal until the pledge is fulfilled, the donor redesignates the fund, or if The Ohio State University Center for Entrepreneurship ceases to exist. Once the pledge is fulfilled, the annual distribution shall be used by the Max M. Fisher College of Business to support the infrastructure of the university-wide center. The university-wide center will focus on a traditional entrepreneurship experience for students and related programming involving students in entrepreneurial opportunities.

Expenditures shall be approved in accordance with the current guidelines and procedures established by the Max M. Fisher College of Business.

Notwithstanding the above paragraph, in any given year that the endowment distribution is not fully used for its intended purpose, the unused portion should be held in the distribution account to be used in subsequent years and only for the purposes of the endowment.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. The University and the Foundation may modify the purpose of this fund, in consultation with the donor named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the Max M. Fisher College of Business or his/her designee to identify a similar purpose consistent with the original intent of the donor. Modifications to endowed funds shall be approved by the University and Foundation.

#### Dr. Robert G. Sigler Scholarship Fund

The Dr. Robert G. Sigler Scholarship Fund was established September 2, 2016, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from Dr. Robert Sigler. Effective May 31, 2019, the fund description shall be revised.

This fund honors the legacy of the Sigler family in the veterinary profession. Robert Richard Sigler (DVM 1946) started Sigler Animal Hospital in 1955. Later his two sons, Robert Glenn Sigler (DVM 1975) and William Keith Sigler (DVM 1978), joined the practice.

The annual distribution from this fund shall be used to provide scholarships. It is the donor's intent to provide significant financial support to a fewer number of students. First-time recipients must be second, third, or fourth year students from the State of Ohio who are enrolled in the College of Veterinary Medicine's DVM program. It is the donor's desire to equally support students who have demonstrated an interest in small animal medicine and large/mixed animal medicine. Additionally, first-time recipients must be in good academic standing with the University and demonstrate financial need. Scholarship recipients shall be selected by the college's scholarship committee, in consultation with Student Financial Aid.

The scholarships are portable if the recipients change campuses; transferable if they change major; and renewable for up to eight semesters, even if the semesters are non-consecutive, as long as the student remains in good standing with the University.

This fund is eligible to be included in the Ohio Scholarship Challenge. If the fund's principal balance reaches \$100,000 on or before December 31, 2021 the University will match annual distribution payouts in perpetuity. The transfer of matching funds will occur once annually, usually in July. Under the Challenge, unused annual distribution cannot be reinvested in the fund's principal.

If the fund's principal balance does not reach \$100,000 on or before December 31, 2021 the fund will no longer be eligible to be included in the Ohio Scholarship Challenge; the annual distribution will not be matched; the scholarships will not be required to be portable, transferable, or renewable; and unused distribution can be reinvested in the fund's principal.

The University's mission and admissions policy supports educational diversity. The University may modify any criteria used to select scholarship recipients should the criteria be found, in whole or in part, to be contrary to federal or state law or University policy.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donor named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University and the Foundation shall consult the dean of the College of Veterinary Medicine or his/her designee. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and ton.

#### Benjamin and Cleo Toombs Medical Scholarship Fund

The Cleo and Ella Toombs Medical Scholarship Fund was established March 2, 2007, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with gifts from Dr. Ella Louise Toombs (MD 1981) of Washington, D.C. Effective September 2, 2016, the fund name was revised to the Benjamin and Cleo Toombs Medical Scholarship Fund shall be revised. Effective February 22, 2019, the fund description was revised. Effective May 31, 2019, the fund description shall be revised. In funding this endowment, it is the desire of Dr. Toombs to increase the number of African American male physicians.

The annual distribution shall be reinvested to principal until it reaches \$100,000; upon reaching this level, it will be used to support medical education at the University, consistent with the University's mission and admissions policy. It is the donor's desire that a student financial need scholarship be awarded annually to incoming students in furtherance of the diversity mission in support of College of Medicine efforts to increase the representation of students from groups historically underrepresented in the medical profession who have been accepted for admissions at the College of

Medicine. It is the donor's desire that the scholarships be awarded with particular attention to, but not limited to, African American male medical students. The donor desires that when awarding this scholarship special consideration be given for students who have experience living or working in diverse environments and/or have overcome substantial educational or economic obstacles and/or are members in organizations open to all but whose missions' seek to improve the quality of life for African Americans through education or economic opportunities.

The associate dean for Diversity and Inclusion and the director of Student Financial Services for the College of Medicine shall recommend scholarship recipients to the college's associate dean for Admissions. The associate dean for Admissions shall select the recipients, in consultation with the college's dean and University's office of Student Financial Aid.

In any given year that the endowment distribution is not fully expended, the unused portion should be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donor that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. If in the future, the purpose of the fund ever becomes unlawful, impracticable, impossible to achieve, or wasteful, the Foundation and University, in consultation with the donor, donor's daughter, Andito Lloyd or designee, when available, may redirect the funds for similar purposes that are consistent with the original intent of the donor as described herein. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### The McNulty Family Champions Fund

The Ohio State Women's Swimming Champions Fund was established April 8, 2016, by the Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, with a gift from Suzanne and Jim (BS 1988) McNulty from Greenville, South Carolina. Effective May 31, 2019, the fund name shall be revised.

The annual distribution from this fund shall supplement the discretionary budget of the women's swimming team. Expenditures shall be recommended by the coach of the women's swimming team and approved by the director of the Department of Athletics or his/her designee.

In any given year that the endowment distribution is not fully used for its intended purpose, the unused distribution from this endowed fund shall be reinvested in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. The University and the Foundation reserve the right to modify the purposes of this fund, however, (1) in consultation with the donors named above, or (2) if such purposes become unlawful, impracticable, impossible to achieve, or wasteful, provided that such fund shall only be used for the University's charitable purposes. In seeking such modification, the University and the Foundation shall consult the director of the Department of Athletics. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

#### Jen Foren Tetrapod Fund

The Board of Trustees of The Ohio State University, in accordance with the guidelines approved by the Board of Directors of The Ohio State University Foundation, established the Tetrapods Collection Endowed Support Fund effective February 22, 2019, with gifts from Jennifer A. Foren (BS 2014), the Foren Family Foundation, friends, family and colleagues. Effective May 31, 2019, the fund name shall be revised.

The annual distribution from this fund provides financial support for the Tetrapods Collections. Expenditures shall be recommended by the director of the Museum of Biological Diversity, in consultation with the chair of the Department of Evolution, Ecology and Organismal Biology.

The highest ranking official in the College of Arts and Sciences or his/her designee has the discretion to hold all or a portion of the unused distribution in the distribution fund to be used in subsequent years, and/or reinvest all or a portion of the unused distribution in the endowment principal.

The investment and management of and expenditures from all endowment funds shall be in accordance with University policies and procedures, as approved by the Board of Trustees. As authorized by the Board of Trustees, a fee may be assessed against the endowment portfolio for the University's costs of development and fund management.

It is the desire of the donors that the endowment established herein should benefit the University in perpetuity. Should the University units referenced in this endowment restructure in the future, the terms of the endowment shall apply to their successors in interest. The University and the Foundation may modify the purpose of this fund, in consultation with the donors named above. In accordance with Ohio Revised Code, if the purpose of the fund becomes unlawful, impracticable, impossible to achieve, or wasteful, the University and Foundation, may modify the purpose of this fund. The University and the Foundation shall consult the highest ranking official in the College of Arts and Sciences or his/her designee to identify a similar purpose consistent with the original intent of the donors. Modifications to endowed funds shall be approved by the University's Board of Trustees and the Foundation's Board of Directors, in accordance with the policies of the University and Foundation.

# Appendix XLVIII



THE OHIO STATE UNIVERSITY

Office of the President

205 Bricker Hall 190 North Oval Mall Columbus, OH 43210-1357

> 614-292-2424 Phone 614-292-1231 Fax osu.edu

May 16, 2019

Dear members of the Board:

Dr. Richard Strauss was a faculty member with the university from 1978 until his retirement as professor emeritus effective March 1, 1998. An independent investigation delivered to the university this week found that Strauss subjected at least 177 former students to sexual abuse. Such abuse is antithetical to the values and mission of Ohio State.

As set forth under Faculty Rule 3335-5-36(E), "the president, subject to the approval of the board of trustees, shall have the authority to revoke emeritus status if an emeritus faculty member at any time engages in serious dishonorable conduct in violation of law, rule, or policy."

Given the serious dishonorable conduct in this case, I am seeking the board's approval to immediately revoke emeritus status from Strauss.

Sincerely,

Michael V. Drake, MD President

# Appendix XLIX

The Ohio State University Board of Trustees May 31, 2019

## BACKGROUND

**TOPIC:** Amendments to the Code of Student Conduct

**CONTEXT:** The University Senate approved revisions to the Code of Student Conduct based on recommendations from the Council on Student Affairs

**SUMMARY:** A special ad hoc subcommittee of the Council on Student Affairs recommended revisions to the Code of Student Conduct as part of a five-year review. Changes to the Code of Student Conduct are designed to:

- Align with practices of the University Conduct Board and the Committee on Academic Misconduct to provide better notice for students on expectations and behaviors prohibited by the Code.
- Clarify that complaints of discrimination and harassment, including sexual misconduct, will be governed by university policies 1.15 and 1.10 and placed under the jurisdiction of the new Office of Institutional Equity.
- Provide new language related to early resolution and amnesty for minor violations of the code in certain circumstances where the reporter may otherwise be hesitant to share information regarding a potential violation or call for assistance for a friend.

**REQUESTED OF THE ACADEMIC AFFAIRS AND STUDENT LIFE COMMITTEE:** Approval of the resolution.

{00343216-1}

#### CHAPTER 3335-23 CODE OF STUDENT CONDUCT As of February 22, 2019

#### 3335-23-01 Introduction and purpose.

The code of student conduct, a part of the Ohio Administrative Code, is established to foster and protect the core missions of the university; to foster the scholarly and civic development of the university's students in a safe and secure learning environment, and to protect the people, properties and processes that support the university and its missions. The core missions of the university are research, teaching and learning, and service. Preservation of academic freedom and free and open exchange of ideas and opinions for all members of the university are central to these missions.

(Board approval date: 4/6/2012)

#### 3335-23-02 Jurisdiction.

- (A) The code applies to the on-campus conduct of all students and registered student organizations, including conduct using university computing or network resources. The code also applies to the offcampus conduct of students and registered student organizations in direct connection with:
  - (1) (A)Academic course requirements or any credit bearing experiences, such as internships, field trips, study abroad, or student teaching;
  - (B)Any activity supporting pursuit of a degree, such as research at another institution or a professional practice assignment;
  - (3) (C)Any activity sponsored, conducted, or authorized by the university or by registered student organizations;
  - (4) (D)Any activity that causes substantial destruction of property belonging to the university or members of the university community, or causes or threatens serious harm to the safety or security of members of the university community, or creates or could reasonably create a hostile environment on campus as defined in the sexual misconduct policy; or
  - (5) (E)Any activity, which could constitute a criminal offense as defined by local, state or federal law, regardless of the existence or outcome of any criminal proceeding.
  - (B) The Code may be applied to behavior conducted online, via e-mail, text, or other electronic medium. Students should also be aware that online postings such as web postings and social networking sites are in the public sphere and are not private. These postings can subject a student to allegations of conduct violations if evidence of policy violations is posted online. The university does not routinely search for violations of this Code, but may take action if and when such information comes to the attention of university officials.

Students or a registered student organization may also be held accountable for their guest's or member's behavior when the student or members of the registered student organization has knowledge of, facilitates, or contributes to the guest's or member's misconduct.

The code governs all campuses of the university. Students attending regional campuses, centers, or institutes are advised to consult their local resources for additional information or rules pertaining to those locations

The university reserves the right to administer the code and proceed with the hearing process even if the student withdraws from the university, is no longer enrolled in classes, or subsequently fails to meet the definition of a student while a disciplinary matter is pending. The university may, within its discretion, place a hold or other notation on the student's transcript while the matter is pending.

Students continue to be subject to federal, state, and local laws while at the university, and violations of those laws may also constitute violations of the code. In such instances, the university may proceed with university disciplinary action under the code independently of any criminal proceeding involving the same conduct and may impose sanctions for violation of the code even if such criminal proceeding is not yet resolved or is resolved in the student's favor.

(C) Discrimination and harassment, including, but not limited to sexual misconduct, based on a protected class in any form is never acceptable. Students are responsible to know and adhere to university policy 1.15 and university policy 1.10, which can be found at http://policies.osu.edu. These policies, and not this code, govern the investigation, adjudication and resolution of protected class discrimination and harassment complaints.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

## 3335-23-03 Definitions.

As used in the code:

- (A) "University premises" includes all lands, buildings, facilities, and resources owned, leased, managed, or operated by the university.
- (B) "Student" includes an individual to whom an offer of admission has been extended, paid an acceptance fee, registered for classes, or otherwise entered into another agreement with the university to take instruction.
  - Student status lasts until an individual graduates, is permanently dismissed, or is not in attendance for two complete, consecutive terms, and includes those with a continuing educational relationship with the university;
  - (2) "Student" also includes registered student organizations. <u>A student organization remains a</u> <u>"student" for purposes of this Code for one calendar year following the expiration of the</u> <u>organization's most recent registration.</u>
  - (3) This Code also applies within the discretion of an appropriate university official to former students for violations committed while a student.
- (C) "Members of the university community" includes, but are not limited to, students, faculty, staff, and visitors to the campus.
- (D) "Complaint" includes information alleging a violation of the code of student conduct or other published rule, policy, standard, or guideline applicable to students at the university, provided to the university, per paragraph (A) of rule 3335-23-05 of the Administrative Code.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

### 3335-23-04 Prohibited conduct.

Any student found to have engaged, or attempted to engage, in any of the following conduct while within the university's jurisdiction, as set forth in rule 3335-23-02 of the Administrative Code, will be subject to disciplinary action by the university. For the purposes of this section, attempt shall be defined as conduct that, if successful, would constitute or result in the prohibited conduct.

(A) Academic misconduct.

Any activity that tends to compromise the academic integrity of the university or subvert the educational process. Examples of academic misconduct include, but are not limited to:

- Violation of course rules as contained in the course syllabus or other information provided to the student;
- (2) Knowingly providing or receiving information during examinations such as course examinations and candidacy examinations; or the possession and/or use of unauthorized materials during those examinations;
- (3) Knowingly providing or using unauthorized assistance in the laboratory, on field work, in scholarship or on a course assignment;
- (4) Submitting plagiarized work for an academic requirement. Plagiarism is the representation of another's work or ideas as one's own; it includes the unacknowledged word-for-word use and/or paraphrasing of another person's work, and/or the inappropriate unacknowledged use of another person's ideas;
- (5) Submitting substantially the same work to satisfy requirements for one course or academic requirement that has been submitted in satisfaction of requirements for another course or academic requirement, without permission of the instructor of the course for which the work is being submitted or supervising authority for the academic requirement. This includes submitting the same work for courses that the student is retaking pursuant to the university's grade forgiveness rule;
- (6) Falsification, fabrication, or dishonesty in creating or reporting laboratory results, research results, and/or any other assignments;
- (7) Serving as, or enlisting the assistance of, a substitute for a student in any graded assignments;
- (8) Alteration of grades or marks by the student in an effort to change the earned grade or credit;
- Alteration of academically-related university forms or records, or unauthorized use of those forms or records;
- (10) Engaging in activities that unfairly place other students at a disadvantage, such as taking, hiding or altering resource material, or manipulating a grading system;
- (11) Violation of program regulations as established by departmental committees and made available to students; and,
- (12) Providing falsified materials, documents, or records to a university official in order to meet academic qualifications, criteria, or requirements, including but not limited to submitting falsified doctor's notes and/or falsified transcripts.
- (B) Endangering health or safety.
  - (1) Endangering behavior: Taking or threatening action that endangers the safety, physical or mental health, or life of any person, or creates a reasonable fear of such action.

- (2) Stalking: Engaging in a pattern of unwanted conduct directed at another person that threatens or endangers the safety, physical or mental health, or life or property of that person, or creates a reasonable fear of such a threat or action. When stalking is sex- or genderbased, it falls under sexual misconduct, <u>university policy 1.15</u>.
- (3) Operating a vehicle while impaired by alcohol or drugs in a manner that endangers the safety of the university community.

### (C) Sexual misconduct.

Sexual misconduct in any form is never acceptable. Students are responsible to know and adhere to the sexual misconduct policy which can be found at http://hr.osu.edu/public/documents/policy/policy115.pdf.

### (D) Destruction of property.

Actual or threatened damage to or destruction of university property or property of others, whether done intentionally or with reckless disregard.

(E) Dangerous weapons or devices.

Storage or possession of dangerous weapons, devices, or substances including, but not limited to, firearms, ammunition, or fireworks, unless authorized by an appropriate university official or permitted by a university policy, even if otherwise permitted by law. Use or misuse of weapons, devices, or substances in a manner that causes or threatens serious harm to the safety or security of others. As required by Ohio Revised Code Section 2923.1210, this section does not prohibit a student who has been issued a valid concealed handgun license from transporting or storing a firearm or ammunition when both of the following conditions are met:

- (1) Each firearm and all of the ammunition remains inside the person's privately owned motor vehicle while the person is physically present inside the motor vehicle. or each firearm and all of the ammunition is locked within the trunk, glove box, or other enclosed compartment or container within or on the person's privately owned motor vehicle;
- (2) The vehicle is in a location where it is otherwise permitted to be.
- (F) Dishonest conduct.

Dishonest conduct, including, but not limited to, knowingly reporting a false emergency; knowingly making false accusation of misconduct; misuse or falsification of university or related documents by actions such as forgery, alteration, or improper transfer; possession, use or manufacturing of a false identification document; submission of information known by the submitter to be false to a university official.

(G) Theft or unauthorized use of property.

Theft or the unauthorized use or possession of university property, services, resources, or the property of others.

(H) Failure to comply with university or civil authority.

Failure to comply with legitimate directives of authorized university officials, law enforcement or emergency personnel, identified as such, in the performance of their duties, including failure to identify oneself when so requested; or violation of the terms of a disciplinary sanction.

(I) Drugs.

Use, being under the influence of, production, distribution, sale, or possession of drugs and/or drug paraphernalia in a manner prohibited under law or applicable university policy or facility policy. This includes, but is not limited to, the misuse of prescription drugs.

(J) Alcohol.

Use, underage intoxication, production, distribution, sale, or possession of alcohol in a manner prohibited under law or applicable university policy or facility policy.

(K) Unauthorized presence.

Unauthorized entrance to or presence in or on university premises.

(L) Disorderly or disruptive conduct.

Disorderly or disruptive conduct that unreasonably interferes with university activities or with the legitimate activities of any member of the university community.

(M) Hazing.

Doing, requiring or encouraging any act, whether or not the act is voluntarily agreed upon, in conjunction with initiation, continued membership, or participation in any group, that causes or creates a substantial risk of causing mental or physical harm or humiliation. Such acts may include, but are not limited to, use of alcohol, creation of excessive fatigue, and paddling, punching or kicking in any form. Failure to intervene, prevent, or report acts of hazing may constitute a violation of this section.

(N) Student conduct system abuse.

Abuse of any university student conduct system, including but not limited to:

- (1) Failure to obey the summons or directives of a student conduct body or university official;
- (2) Falsification, distortion, or misrepresentation of information before a student conduct body;
- (3) Disruption or interference with the orderly conduct of a student conduct proceeding;
- (4) Knowingly instituting of a student conduct proceeding without cause;
- (5) Discouraging an individual's proper participation in, or use of, a university student conduct system;
- (6) Influencing the impartiality of a member of a student conduct body prior to, and/or during the course of a student conduct proceeding;
- (7) Harassment and/or intimidation of a member of a student conduct body prior to, during, and/or after a student conduct proceeding;
- (8) Failure to comply with one or more sanctions imposed under the code of student conduct; and
- (9) Influencing another person to commit an abuse of a university student conduct system.
- (O) Violation of university rules or federal, state, and local laws.

Violation of other published university rules, policies, standards, and/or guidelines, or behavior that could violate federal, state, or local law. These university rules, policies, standards, or guidelines include, but are not limited to, those which prohibit the misuse of computing resources, rules for student groups or organizations, and residence hall rules and regulations.

- (P) Riotous behavior.
  - (1) Participation in a disturbance with the purpose to commit or incite any action that presents a clear and present danger to others, causes physical harm to others, or damages property.
  - (2) Proscribed behavior in the context of a riot includes, but is not limited to:
    - (a) Knowingly engaging in conduct designed to incite another to engage in riotous behavior; and
    - (b) Actual or threatened damage to or destruction of university property or property of others, whether done intentionally or with reckless disregard; and
    - (c) Failing to comply with a directive to disperse by university officials, law enforcement, or emergency personnel; and
    - (d) Making explicit or implied threats in a manner that causes a reasonable fear of harm in another; and
    - (e) Impeding, hindering or obstructing a university official, law enforcement, or emergency personnel in the performance of their duties.
  - (3) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott, or other forms of peaceful dissent.
- (Q) Recording or distribution without knowledge.

Using electronic or other means to make or distribute a video, audio, or photographic record of any person in a location where there is a reasonable expectation of privacy without the person's prior knowledge, when such a recording is likely to cause injury, distress, or damage to reputation. This includes, but is not limited to, taking video, audio, or photographic records in shower/locker rooms, residence hall rooms, and restrooms. The storing, sharing, and/or distributing of such unauthorized records by any means is also prohibited.

(R) Public urination or defecation.

Urination or defecation in a place such as a sidewalk, street, park, alley or yard, residence hall space, or on any other place or physical property that is not intended for use as a restroom.

(S) Retaliation.

Any intentional adverse action against any individual who makes an allegation, files a report, serves as a witness, assists a complainant <u>or respondent</u>, or participates in any university investigation or proceeding.

(Board approval dates: 3/2/2001, 7/11/2003, 7/7/2006, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

### Student Conduct Procedures

### 3335-23-05 Initiation, inquiry and investigation of code violations.

(A) Initiation.

Person(s) witnessing or experiencing who witness, experience, or become aware of what they believe to be a possible code violation should provide an authorized university official with the information to the following officials or offices.

- Complaints about possible code violations occurring in residence halls should be provided reported to the residence hall director;
- (2) Complaints about possible non-residence hall related code violations should be <u>provided</u> <u>reported</u> to the <u>director\_office\_of</u> student conduct, or chief student conduct officer for the regional campuses;
- (3) <u>Complaints about possible sexual misconduct should be reported pursuant to the sexual misconduct policy, university policy 1.15;</u>
- (4) Complaints about possible protected class discrimination or harassment should be reported pursuant to university policy 1.10;
- (5) (3)Complaints regarding academic misconduct should be referred to the coordinator of reported to the committee on academic misconduct; and
- (6) (4)In cases when the alleged activity may involve a violation of criminal law in addition to a violation of the code, complaints should be <u>provided reported</u> to the Ohio state-university police <u>division</u> or other appropriate law enforcement agency. The university will review all complaints received and may conduct a preliminary investigation of the alleged violation.
- (B) Preliminary inquiry.

The university conducts a preliminary inquiry into the nature of the incident, complaint or notice, jurisdiction, the information available, and the parties involved. Within the university's discretion, the preliminary inquiry may lead to:

- (1) <u>A determination that there is insufficient information to pursue the investigation, or the behavior</u> alleged, even if proven, would not violate the code of student conduct;
- (2) An informal resolution such as an educational discussion or mediation. An educational discussion is a discussion about the student's behavior and its impact. Informal resolution is not available in cases of academic misconduct.
- (3) An investigation and/or initiation of charges.

Typically, an informal resolution will end the conduct process, but if more information is shared in the course of an educational discussion or informal resolution that warrants additional inquiry, an investigation may be initiated.

(B(C) Investigation.

(1) Role of the university.

The Ohio state university police or other appropriate law enforcement agency shall have primary responsibility for the investigation of acts that involve suspected criminal violation of federal, state, or local laws;

- (a) Residence hall directors, assistant hall directors, the <u>The</u> director of student conduct, the chief conduct officer for the regional campuses, <u>residence hall directors</u>, <u>assistant hall directors</u>, and other designated university personnel are authorized to investigate alleged violations other than those involving subsections (<u>b) and (c) and</u> (d) of this paragraph;
- (b) The coordinator of the committee on academic misconduct is authorized to investigate allegations involving academic misconduct;
- (c) Only those personnel designated by the sexual misconduct policy. <u>university policy</u> <u>1.15</u> shall investigate charges involving sexual misconduct, sexual harassment, and relationship violence.
- (d) Only those personnel designated by university policy 1.10, shall investigate charges involving protected class discrimination or harassment.
- (e) The Ohio state university police or other appropriate law enforcement agency shall have primary responsibility for the criminal investigation of acts that involve suspected criminal violation of federal, state, or local laws. Such investigation does not replace any other university investigation.
- (f) The university may conduct concurrent investigations regarding potential violations of institutional policy or federal, state, and local law.
- (2) Role of other participants.
  - (a) During the investigation, the student allegedly involved in misconduct may be:
    - i. Notified of the alleged violation;
    - ii. Requested to make an appointment to discuss the matter; and
    - iii. Provided a date by which the appointment must be made.
  - (b) Any person believed to have information relevant to an investigation may also be contacted and requested to make an appointment to discuss the matter.
- (3) Failure to comply with a request to make and keep an appointment relevant to an investigation may result in a disciplinary hold being placed on a respondent's registration and records and/or the initiation of charges for student conduct system abuse.
- (4) Upon completion of an investigation, the investigator will decide upon an appropriate course of action, which may include, but is not limited to:
  - (a) (a) Taking no further action and closing the case,
  - (b) (b)Deferring further action initiation of charges with or without conditions, or
  - (c) Initiating charges with the appropriate university student conduct body.
  - (c) Seeking informal resolution; or

(d) Initiating charges by the appropriate university official, when a finding of jurisdiction has been made and there is reasonable cause to believe that a violation of the code may have occurred. Reasonable cause is defined as some credible information to support each element of the violation, even if that information is merely a credible witness or a victim's statement. Charges will not be issued where a complaint is unsupported by any credible information or does not meet the elements of a code violation.

(Board approval dates: 3/2/2011, 12/7/2007.3/2/2011, 4/6/2012, 4/8/2016, 9/2/2016)

## 3335-23-06 Amnesty

At the university's discretion, amnesty may be extended to students who may be hesitant to report a violation of the code to university officials because they fear that they themselves may be accused of minor policy violations, including but not limited to underage drinking, at the time of the incident. If a student is granted amnesty, an educational discussion or other informal resolution may be considered, but no university conduct proceedings under this code will result.

At the university's discretion, amnesty may also be extended on a case-by-case basis for minor policy violations when students request assistance for others in need, including the person receiving assistance. If a student is granted amnesty, an educational discussion or other informal resolution may be considered, but no university conduct proceedings under this code will result. In cases of academic misconduct, need does not include the inability of a student to complete an assignment without assistance.

### 3335-23-07 Filing of complaint and initiation of charges.

A complaint alleging a violation of the code of student conduct should be filed with <u>made to</u> the university as soon as practicable following the discovery of the alleged violation <u>in accordance with paragraph (A) of</u> <u>Rule 3335-23-05 of the Administrative Code</u>. Absent extraordinary circumstances, the complaint must be filed within <u>university</u> will not take action on complaints filed more than six months for <u>cases</u> from the <u>discovery</u> of non-academic misconduct (paragraphs (B) to (RS) of rule 3335-23-04 of the Administrative Code), and <u>or</u> one month for academic misconduct (paragraphs (A) of rule 3335-23-04 <u>(A) of</u> the Administrative Code), from the date upon which a university official becomes aware of the alleged violation and identifies the student(s) who allegedly committed the violation. <u>These time limitations do not apply to</u> complaints of sexual misconduct or other protected class discrimination and harassment.

Absent extraordinary circumstances, the university must initiate charges, if any, within one year of the filing of the complaint. This time limitation does not apply to complaints of sexual misconduct<u>or other protected</u> <u>class discrimination and harassment</u>. In all cases, a student charged with one or more violations of the code of student conduct has the right to be heard, subject to the student conduct procedures.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016)

## 3335-23-07 3335-23-08 Notice of charges and options for resolution.

(A) Notification.

Students shall be notified of university charges in writing, unless a more effective form of notification is deemed appropriate. Charges Written charges may be presented in person, by placement in the respondent's residence hall mailbox, by email to the respondent's official university email address (which may direct the student to view the notice on a secure website), by text message, by other form of electronic communication specific to the student on file with the university registrar, or by mail to the respondent's local or permanent address on file in the office of the university registrar.

(B) Current address.

All students are required to maintain an accurate and current local–and,\_permanent address,\_and phone number\_with the university registrar.

(C) Meeting with university official.

Following notification of charges, respondents are strongly encouraged to and shall be afforded the opportunity to meet with a university official for the purpose of explaining the university student conduct process and discussion of the charges.

(D) Options for resolution.

Charges may be resolved by administrative decision pursuant to 3335-23-09 or a hearing pursuant to 3335-23-10.

(E) (D)Failure to respond.

Failure of the respondent to respond to the initiation of charges or schedule a preliminary meeting <u>within the deadlines provided by the university</u> shall in no way prevent the university from scheduling and conducting a hearing in the absence of the respondent.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016)

## 3335-23-08 3335-23-09 Administrative decision.

In a case where a respondent admits to a violation(s) in writing, the student may request in writing to have a decision as to appropriate sanction made administratively by a hearing officer rather than have the charges referred to a hearing body. In such situations, the student waives the right to a hearing and the related procedural guarantees provided by a hearing body. Administrative decisions in academic misconduct cases involving graduate students <u>are to may</u> be made in consultation with the graduate school. Following an administrative decision, the student retains the right to request an appeal (see <u>Administrative Code Section 3335-23-18)</u> of the original decision, but may do so only upon the ground that the sanction is grossly disproportionate to the violation committed.

When a respondent fails to respond to the initiation of charges and information exists to support finding a violation, the hearing officer may issue an administrative decision so long as sanctions do not include suspension or dismissal. In this circumstance, the respondent retains the right to request an appeal of the decision under all grounds found in Administrative Code Section 3335-23-18. If the respondent is suspended or dismissed in a subsequent case, the respondent may appeal both the outcome in the subsequent case and an administrative decision issued due to a failure to respond.

(Board approval dates: 3/2/2001, 7/7/2006, 12/7/2007, 4/6/2012, 4/8/2016

#### 3335-23-10 Hearing bodies.

- (A) The respondent has the right to accept responsibility for the charges, which will result in an administrative decision, or choose to have a hearing.
- (B) In addition to the committee on academic misconduct and the university conduct board, the following university employees/officials are considered official university hearing bodies and may conduct administrative hearings of alleged violations of the code affording the respondent the same procedural guarantees as provided in the hearings conducted by a committee or board:
  - (1) The director of student conduct, or designee;
  - (2) The coordinator of the committee on academic misconduct, or designee:

- (3) University housing professional staff; and,
- (4) The chief conduct officer for the regional campuses. .
- (C) Students will be afforded the right to request a separate hearing and choose an administrative or board hearing, except under special circumstances when, in order to ensure a fair and just process, the hearing officer may determine the appropriate hearing body. Special circumstances include but are not limited to situations when multiple respondents are charged out of the same factual circumstances or in multiple incidents involving the same respondent. The university reserves the right to combine hearings for respondents.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

### 3335-23-09 3335-23-11 Notice of hearing and request for postponement.

(A) Notice.

If a hearing is to be held, written notification will be provided to the respondent, and in charges involving sexual misconduct to the complainant. The notice may be hand delivered, placed into a student's residence hall mailbox, sent by email to the student's official university email address or text message, which may direct the student to view the notice on a secure website, or mailed to the last known address of the student, by first class mail, no fewer than ten calendar days prior to the hearing. Unless already provided to the student, the notification will include the charge(s), date, time, and location of the hearing, the designated hearing body, a statement of the student's rights, and information on the hearing procedures.

(B) Postponement.

The respondent and the complainant may request a postponement for reasonable cause or a separate hearing from other respondents, which may be granted at the discretion of the university. A request for a postponement for reasonable cause must be made in writing, include supporting rationale and be received by the person sending the hearing notification at least two business days before the scheduled hearing. The university reserves the right to reschedule a hearing for the first appropriate available date.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016)

### 3335-23-10 3335-23-12 Hearing procedures.

Although the procedural requirements are not as formal as those existing in criminal or civil courts of law, to ensure fairness, the following procedures will apply and, unless already provided to the student, be included within the hearing notice:

(A) Attendance.

Attendance at hearings is limited to those directly involved or those requested by the hearing body to attend. The hearing body will take reasonable measures to assure an orderly hearing, including removal of persons who impede or disrupt proceedings.

(B) Timelines.

Except as expressly provided by this code, the university may set deadlines related to the investigation and hearing process. Absent extraordinary circumstances, respondents must submit all witness names and evidence for submission at least two business days prior to a scheduled hearing.

(B<u>(C</u>) Advisor.

The respondent and the complainant may have choose to bring an advisor for support throughout the disciplinary process. The advisor (i.e., support person) may be any person other than a witness. The advisor may only counsel the student and may not actively participate in the disciplinary process, unless clarification is needed as determined by the hearing body.

(C) Written statements and witnesses.

(D) Witnesses.

- (1) The respondent and the complainant, in charges involving sexual misconduct, may submit a written statement, <u>may</u> invite relevant factual witnesses to attend, invite character witnesses to submit written statements, ask questions of witnesses called by others, and will be notified of potential witnesses to be called. The respondent and the complainant must submit a list of potential witnesses to the hearing body at least two business days prior to the hearing.
- (2) The university may present witnesses as well as question those presented by the respondent and the complainant.will notify the respondent of invited witnesses.
- (3) Respondents may also invite up to three character witnesses to submit written statements for the hearing body's review. A character witness is considered to be a person who attests to another's moral conduct and reputation. Character witness statements will only be considered during sanctioning process if a violation is found.
- (D) Witness absence.

The hearing body may allow written statements if, for good reason, a fact witness cannot attend the hearing.

- (E) Consultants.
  - (4) Expert witnesses are not permitted. In cases requiring special expertise, the hearing body may appoint individuals with appropriate expertise to serve as consultants to the hearing body. The consultants consultant may be present and provide information as called upon during the hearing, but will not vote.
- (F(E) Standard of evidence.

A student will only be found in violation if a preponderance of evidence supports the charges.

(F) Majority Vote Required.

<u>A student will not be found in violation unless a majority of the hearing body finds the student in violation.</u> In the event of a tie, the <u>board hearing body</u> will continue to deliberate. If after the <u>board hearing body</u> determines that exhaustive deliberations have occurred and a majority decision is not reached the student will be found not in violation.

(G) In cases where prompt review is essential (e.g., when graduation or the end of the academic year is imminent) the accused-respondent may be offered the option of an expedited-administrative review consisting of an administrative decision or administrative hearing. The accused student respondent may decline such expedited review without the expectation that the process can be completed on an expedited timeline.

(Board approval dates: 3/2/2001, 7/11/2003, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

3335-23-11 3335-23-13 Attendance.

Because the most accurate and fair review of the facts can best be accomplished when all parties are present, the respondent and complainant-<u>invited witnesses</u> are strongly encouraged to attend and participate. If an individual does not choose to attend a hearing, the charges will be reviewed as scheduled on the basis of the information available, and a decision will be made. Although no inference may be drawn against a student for failing to attend a hearing or remaining silent, the hearing will proceed and the conclusion will be based on the evidence presented. No decision shall be based solely on the failure of the respondent or the complainant-to attend the hearing or answer the charges. In special circumstances, written statements may be considered by the hearing body when a respondent or witness does not attend or fully participate in a hearing.

(Board approval dates: 3/2/2001, 4/8/2016)

### 3335-23-12 3335-23-14 Record of proceedings.

A single record consisting of written notes, tape <u>audio</u> recording, or other method selected by the hearing body, will be made of all hearings. Such record will remain the property of the university but will be made available to the respondent, and the complainant in charges involving sexual misconduct, for review during the appeal period. A written notice of the decision will be provided to the respondent-and the complainant, where privacy laws allow. If the respondent is found in violation, information regarding appeal procedures will be provided to the respondent and complainant in cases involving sexual misconduct.

#### (Board approval dates: 3/2/2001, 4/6/2012, 4/8/2016)

#### 3335-23-13 Hearing bodies.

- (A) In addition to the committee on academic misconduct, the university conduct board, the director of student conduct, hearing officers within the student conduct system, the coordinator of the committee on academic misconduct, university housing professional staff are to be considered as official university hearing bodies, and may hear cases of alleged violations of the code affording the respondent the same procedural quarantees as provided in hearings by a committee or board.
- (B) The respondent has the right to accept responsibility for the charges, which will result in an administrative decision, or choose to have a hearing.
- (C) Students will generally be afforded the right to choose an administrative or board hearing, except under special circumstances when, in order to ensure a fair and just process, the hearing officer may determine the appropriate hearing venue.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

#### 3335-23-14 3335-23-15 Committee on academic misconduct.

(A) On behalf of the committee, the coordinator may investigate and resolve all reported cases of student academic misconduct that fall under the committee's jurisdiction. The coordinator and chair shall establish procedure for the investigation and resolution of cases. The committee does not hear cases involving academic misconduct in professional colleges having a published honor code. These colleges shall follow their own codes and procedures-which can be obtained in their respective central offices. Some allegations against graduate students that fall under the committee's jurisdiction may also implicate the university policy and procedures concerning research misconduct and/or graduate school policy on the investigation of allegations of research misconduct by a graduate student. Upon receipt of such an allegation, the coordinator shall meet with the dean of the graduate school or designee, and/or the senior vice president for research or designee, and these parties shall mutually agree on the appropriate procedure for adjudicating the case. Notice of this decision and a description of the procedure to be used shall promptly be given to the student who has been charged. The coordinator or chair may refer complaints to the student conduct system if it is determined that the academic misconduct allegation is incidental to some other misconduct.

- (B) The committee on academic misconduct is constituted according to rule 3335-5-48.7 of the Administrative Code.
- (C) All complaints of academic misconduct shall be reported to the coordinator of the committee.
- (D) Students have an obligation to report suspected misconduct.
- (E) A quorum for a hearing shall be no fewer than four voting members of the committee which shall include no fewer than one student member and two faculty members. For cases involving graduate students, reasonable efforts will be made to have graduate students serve as the student members of the hearing committee.

(Board approval dates: 3/2/2001, 7/7/2006, 4/6/2012, 4/8/2016)

### 3335-23-16 University conduct board.

(A) Membership.

The respondent may elect for the university conduct board to adjudicate charges involving prohibited behaviors listed in 3335-23-04 of the Administrative Code, except paragraphs (A) academic misconduct and (C) sexual misconduct. For charges involving sexual misconduct to be heard by the board, there shall be no student membership. For charges involving prohibited behaviors listed in 3335-23-04 of the Administrative Code, except paragraphs (A) academic misconduct and (C) sexual misconduct, the board consists of <u>The director of Student Conduct will recommend members for approval as follows:</u>

- Fifteen faculty and/or administrative <u>staff</u> members recommended by the director of student conduct to the <u>appointed by</u> vice president for <u>of</u> student life for three-\_year terms-which begin with the autumn term;
- (2) <u>(2)Twelve-Fifteen</u> undergraduate student members, appointed by undergraduate student government for two year terms;
- (3) (3)Six graduate student members, appointed by the council of graduate students for two year terms;
- (4) Two Four professional student members, appointed by the inter-professional council for two year terms; and
- (5) The director of student conduct or designee shall serve as board coordinator ex-officio without vote.
- (B) Quorum.

A quorum for a hearing shall be no fewer than four voting members of the board-<u>k</u>which shall include no fewer than two student members, except for charges involving sexual misconduct when there shall be no <u>unless the respondent elects not to include</u> student members. A hearing board shall consist of no more than eight voting members.

# (C) Appointment.

(C) Eligibility and Alternates

All student appointments shall be for staggered two-year terms beginning in the autumn term. Six of the undergraduate student members, three of the graduate student members, and one of the professional student members shall be appointed in odd-numbered years, with the remainder appointed in even-numbered years.

- (1) To be eligible for appointment or service, a student must possess a minimum 2.5 cumulative grade point average and not be under current disciplinary sanction from the university
- (2) (2)Additional alternate members may be appointed as needed.
- (3) (D)Removal.

The director of student conduct may remove university conduct board members for cause <u>under certain circumstances</u>, including but not limited to, not attending training, falling below the minimum grade point average, repeated absences, violating the code of student conduct or other applicable laws or rules, policies, standards, or guidelines, or not responding to repeated attempts at communication. Notification-Whenever possible, notification shall be made in writing to the university conduct board member prior to removal, whenever possible.

(Board approval dates: 3/2/2001, 12/7/2007, 4/6/2012, 4/8/2016, 9/2/2016)

#### **University Sanctions**

#### 3335-23-17 General guidelines for sanctions.

Sanctions-If a student is found to be in violation of the code, sanctions should be commensurate with the violations found to have occurred. In determining the sanction(s) to be imposed, the hearing body should take into account any mitigating circumstances and any aggravating factors including, but not limited to, any provocation by the subject of the conduct that constituted the violation, any past misconduct by the student, any failure of the student to comply fully with previous sanctions, the actual and potential harm caused by the violation, the degree of intent and motivation of the student in committing the violation, and the severity and pervasiveness of the conduct that constituted the violation. Misconduct motivated by bias based on age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, or veteran status may be considered an aggravating factor for sanctioning. Impairment resulting from voluntary use of alcohol or drugs (i.e., other than medically necessary) will also be considered an aggravating, and not a mitigating, factor. One or more of the following courses of action may be taken when a student has been found to have violated the code of student conduct.

(A) Informal admonition.

An oral or written admonition issued by a hearing officer or residence hall advisor resulting from the student's misconduct. No formal charges are required before the issuance of an informal admonition. However, following issuance of an informal admonition, the student shall be entitled to a hearing upon written request, under the procedures provided in the code of student conduct. A written request for such a hearing must be filed with the university official who administered the informal admonition, within five working days of the student's receipt of the informal admonition. An informal admonition shall not be considered a disciplinary sanction, but may be considered in any subsequent hearings.

#### (B(A) Disciplinary sanctions.

(1) Formal reprimand.

A written letter of reprimand resulting from a student's misconduct.

(2) Disciplinary probation.

This probationary condition is in effect for a specified period of time and may involve the loss of specified privileges. Further violation of university rules, policies, standards, or guidelines during the probationary period will additionally be viewed as a violation of the probation, which shall result in further action up to and including suspension or dismissal.

(3) Suspension.

Suspension is a sanction that terminates the student's enrollment at the university for a specified period of time. Satisfactory completion of specified stipulations may be required for readmission reenrollment at the end of the suspension period. Under special circumstances, the hearing body may hold the imposition of suspension in abeyance, which would allow for the students continued enrollment so long as the student adheres to all stipulations, restrictions, or conditions imposed by the hearing body.

(4) Dismissal.

Dismissal is a sanction, which permanently separates a student from the university without opportunity to re-enroll in the future.

(C(B) Conditions of suspension and dismissal.

<u>Unless a student is otherwise notified in writing, a suspension or dismissal will not take effect until after the appeal period.</u> A student who has been dismissed or suspended from the university shall be denied all privileges afforded a student <u>(including, but not limited to participation in university sponsored or sanctioned events and activities)</u> and shall be required to vacate campus at a time as determined by the hearing body. In addition, after vacating campus property, a suspended or dismissed student may not enter upon campus and/or other university property at any time, for any purpose, in the absence of expressed written permission from the vice president for student life or designee. To seek such permission, a suspended or dismissed student must file a written petition to the vice president for student life for entrance to the campus for a limited, specified purpose or to have the terms of this condition modified or reduced.

(D(C) Failing or lowered grades.

In cases of academic misconduct, a hearing body may authorize the instructor to award a failing or lowered grade in the course, <u>and</u> a loss of credit on the graded coursework, and impose any of the above-listed sanctions including suspension or dismissal from the university.

(E(D) Other sanctions.

Other appropriate sanctions may be imposed by a hearing body singularly or in combination with any of the above-listed sanctions. Examples include, but are not limited to, making restitution for property damage or misappropriation of university property or services, or the property of any person, residence hall contract termination or reassignment to another room, restriction of access to specified campus facilities and/or property, research assignments, community service projects, special workshop participation, and/or-referral to medical resources or counseling personnel<u>and/or other educational sanctions</u>.

(Board approval dates: 3/2/2001, 7/7/2006, 12/7/2007, 5/14/2010, 4/6/2012, 4/8/2016)

#### Appeal Process

#### 3335-23-18 Appellate process.

(A) Right to appeal.

- (1) A student found to have violated the code of student conduct has the right to appeal the original decision. The appeal is not intended to re-hear or re-argue the same case and is limited to the specific grounds outlined below. The appeal must state the specific grounds for the appeal and should include all supporting documentation. The appeal must be postmarked or hand delivered to the appropriate appeal officer, or sent via email, as provided below, within five working days after the date on which notice of the decision is sent to the student. Each student shall be limited to one appeal <u>of a decision of a hearing body</u>. The decision of the appeal officer is final.
- (2) In cases involving charges involving sexual misconduct as defined by applicable university policy, the complainant may appeal the original decision in accordance with the appeals procedures provided in this section.
- (2) Any extensions to the appeal date may be made in the discretion of the director of student conduct, residence life, or the office of academic affairs or their designee.
- (3<u>(4)</u> A student who has accepted responsibility for violating the code of student conduct waives the right to appeal, except on the basis that the disciplinary sanction is grossly disproportionate to the violation(s) committed.
- (45) Each party When found in violation of the code of student conduct, a respondent shall be limited to one appeal. The decision of the appeal officer is final.
- (B) Grounds for appeal.
  - (1) An appeal may be based only upon one or more of the following grounds:
    - (4<u>(a)</u> Procedural error that resulted in material harm or prejudice to the student (i.e. by preventing a fair, impartial, or proper hearing). Deviations from the designated procedures will not be a basis for sustaining an appeal unless material harm or prejudice results;
    - (2(b) Discovery of substantial new evidence that was unavailable at the time of the hearing and which reasonably could have affected the decision of the hearing body; or
    - (3<u>(c)</u> Disciplinary sanction imposed is grossly disproportionate to the violation(s) committed, considering the relevant aggravating and/or mitigating factors.
  - (2) Non-attendance by the respondent or the complainant may not be the sole grounds for an appeal.
- (C) Appropriate appeal officers.
  - (1) Appeals from residence hall hearings:
    - (a) All appeals from residence hall hearings, other than contract terminations, shall be submitted to the director of residence life or designee.
    - (b) All appeals when the sanction imposed by the residence hall hearing is contract termination shall be submitted to the director of student conduct or designee.
  - (2) (2) Appeals of a decision of a hearing body, other than those described in the previous section, will be submitted for decision to the vice president for student life or designee.

- (3) (2)Appeals of decisions of the committee on academic misconduct or its coordinator will be submitted for decision to the executive vice president and provost or designee.
- (D) Appeal proceedings.
  - (1) The appeal officer will dismiss the appeal if the appeal is not based upon one or more of the grounds set forth in paragraph (B) of this rule.
  - (2) The appeal officer will decide the appeal based upon a review of the record and supporting documents (e.g. prior disciplinary history).
  - (3) The appeal officer may consider additional relevant information from any party to the proceeding and then decide the appeal based upon the enhanced record.
- (E) Possible dispositions by the appeal officer.

The appeal officer may, after a review of the record:

- (1) Uphold the original decision and/or sanction(s);
- (2) Dismiss the case or individual charge(s) against the student and vacate any portion or all of the sanction(s);
- (3) Modify or reduce the sanction(s); or in cases involving charges relating to sexual misconduct as defined by applicable university policy, enhance the sanction; or
- (4) Remand the case to the original hearing body to consider a specific issue as directed by the appeal officer or refer the case to a new hearing body to be reheard. If possible, a new hearing body should be different from the one that originally decided the case. If a case is reheard by a hearing body, the sanction imposed can be greater than that imposed at the original hearing.

(Board approval dates: 3/2/2001, 12/7/2007, 5/14/2010, 4/6/2012, 4/8/2016, 9/2/2016)

### 3335-23-19 Minor deviations from procedure Deviations and other procedures.

A student and hearing officer may agree in advance to minor-deviations from procedure. Such deviations are not then subject to appeal. Other minor-deviations are acceptable as long as such deviations are not found upon appeal to be materially harmful to the respondent or the complainant. The office of student life student conduct and the committee on academic misconduct may create additional procedures in alignment with this code.

(Board approval dates: 3/2/2001, 4/6/2012, 4/8/2016)

#### 3335-23-20 Interim suspension.

(A) When the vice president for student life or designee has reasonable cause to believe that the student's presence on university premises or at a university-related or registered student organization activity poses a significant risk of substantial harm to the safety or security of themselves, others, or to property, the student may be immediately suspended from all or any portion of university premises, university-related activities or registered student organization activities. This temporary <u>The interim</u> suspension will be confirmed by a written statement and shall remain in effect until the conclusion of a full hearing or administrative decision, without undue delay, in accordance with the rules of the Ohio state university. The student may, within three working days of the imposition of the suspension, petition the vice president for student life for reinstatement. The petition must be in writing.

- (B) The interim suspension shall remain in effect until:
  - (1) The conclusion of the student conduct process, including any appeal;
  - (2) <u>The vice president for student life or designee terminates the interim suspension in writing:</u> <u>or.</u>
  - (3) The vice president for student life or designee terminates the interim suspension upon written request by the student where a determination is made that reasonable cause for the interim suspension no longer exists.
    - (a) <u>The request from the student must be in writing</u> and must include supporting documentation or evidence that the student does not pose, or no longer poses, a significant risk of substantial harm to the safety or security of themselves, others, or to property. A decision on such petition will be made without undue delay by the vice president for student life or designee.
    - (b) A decision on such request will be made without undue delay by the vice president for student life or designee.

(Board approval dates: 3/2/2001, 7/11/2003, 5/14/2010, 4/6/2012, 4/8/2016)

## 3335-23-21 Administrative disenrollment and other restrictions.

- (A) A student may be-<u>i</u>disenrolled from the university; prohibited from all or any portion of university premises, university-related activities or registered student organization activities; and/or\_permitted to remain only under specified conditions when the vice president for student life or designee finds that there is clear and convincing evidence that the student's continued presence poses a significant risk of substantial harm to the health or safety of themselves, others, or to property.
- (B) In those cases under paragraph (A) of this rule in which it appears that the risk posed by the student is a result of a health condition or a disability as defined by the Americans with Disabilities Act, the vice president for student life or designee shall also determine whether the risk or disruption can be eliminated or sufficiently reduced through reasonable accommodation and, if so, shall take appropriate steps to ensure that accommodation is made. The vice president for student life or designee, to determine whether any such condition exists and whether any such accommodation is possible. If the student fails to undergo such an examination, and if the other available evidence supports a finding under paragraph (A) of this rule, the vice president for student life or designee shall, to the extent reasonably possible, take the least restrictive measure or combination of measures necessary to resolve the risk or disruption.
- (C) A student who has been disenrolled; prohibited from university premises, university-related activities or registered student organization activities; or permitted to remain only under specified conditions may petition the vice president for student life for revision of that status. The petition must include supporting documentation or evidence that:
  - (1) The conditions found to have existed under paragraph (A) of this rule no longer exist and will not recur, and
  - (2) The student meets all normal and appropriate standards for admission and enrollment in any academic unit in which the student seeks to re-enroll. Upon receipt of such a petition, the

vice president for student life or designee shall evaluate the evidence and may consult with the student, any appropriate university personnel, and any other persons whom the vice president for student life or designee deems appropriate. The vice president for student life or designee may deny the petition, grant the petition in whole or in part under specified conditions, or grant the petition in whole or in part without condition.

(Board approval dates: 3/2/2001, 12/6/2001, 5/14/2010, 4/6/2012)

## 3335-23-22 Authority.

The bylaws of the university board of trustees and rules of the university faculty provide that the university president shall have the final responsibility and authority for the discipline of all students of the university (see paragraph (A) of rule 3335-11-01 of the Administrative Code). This responsibility and authority has been delegated by the president to the vice president for student life, whose office is also charged with responsibility for promulgation of rules governing student conduct (see paragraph (H) of rule 3335-1-03 of the Administrative Code).

The deans of colleges and of the graduate school, the directors of schools, and the chairpersons of departments, respectively, are responsible to the president through regular disciplinary channels for the discipline of all students in the activities of their respective colleges, schools, and departments (see paragraph (B) of rule 3335-11-01 of the Administrative Code). Likewise, the deans and directors of the regional campuses are responsible to the president through the executive vice president and provost for the discipline of all students in the activities of their respective campuses.

The Ohio state university code of student conduct is an official publication of the university board of trustees. All petitions for revision and amendment of this code of student conduct should be submitted through the office of the vice president for student life. The code shall remain consistent with the sexual misconduct university policy 1.10 and policy 1.15; any code of student conduct changes related to that policy these policies shall be done in consultation with the <u>Title IX coordinator appropriate official designated under policy 1.10 and policy 1.15</u>. Proposed revisions to the code shall be reviewed, in draft form, by the office of the president, the office of academic affairs, and the steering committee of the university senate before being presented for approval to the university senate by the council on student affairs. No revision shall become effective unless approved by the university board of trustees and until printed notice of such revisions is made available to students.

This Code shall take effect upon approval by the board of trustees. It shall govern all procedures in matters brought after it first takes effect and also all further procedures in matters then pending, except to the extent that in the discretion of the university the application in a particular action pending would not be feasible, in which event the former version of this Code shall be used. The definitions of prohibited conduct used in a particular matter will be the definitions found in the version of section 3335-23-04 in effect at the time the alleged conduct occurred.

(Board approval dates: 3/2/2001, 5/14/2010, 4/6/2012, 4/8/2016, 9/2/2016)

# Appendix L

## 3335-5-48.14 University research committee.

(A) Membership.

The university research committee shall consist of <u>sixteen-twenty-one</u> voting and <u>three-four</u> non-voting members.

1. <u>Fifteen Twelve</u> faculty members drawn from no less than eight colleges. Faculty with joint appointments across colleges may be chosen to represent either college. The term of service is three years.

(a) <u>Eleven Eight</u>-faculty members appointed by the executive committee of faculty council, at least three of whom are members of the senate and at least one of whom is a distinguished university professor or Ohio eminent scholar<u>or National Academy</u> member, and at least two of whom are non-tenure track (clinical, research faculty).

(b) Four faculty members appointed by the president.

2. One research scientist, or comparable staff member engaged in research, appointed by the vice president for research. The term of service is three years.

3. <u>Three-Four</u> student appointed by the respective governing bodies to one-year terms.

(a) Two graduate students.

(b) One undergraduate student.

(c) One professional student

4. One post-doc appointed by the Ohio State University Postdoctoral Association (OSU PDA). The term of service is one year.

45. Four Ex officio members, non-voting ex officio members, or designees (or their designees).

(a) The <u>senior</u> vice-president for research.

(b) The dean of the graduate school.

(c) The senate fiscal committee chair

(d) One post-doc appointed by OSU PDA

5. The senate fiscal committee chair, or her or his designee, nonvoting.

6. The Committee may vote to add any individual to a non-voting advisory role on an annual basis.

# (B) Duties and responsibilities.

- 1. Encourage and stimulate scholarly research and creative activity and foster a close relationship between education and scholarly research.
- 2. Advise the vice president for research.

- 3. Review, on a continuing basis, the policies and practices governing the conduct of research and scholarly activity.
- 4. Coordinate with the governing bodies of the graduate school and with the office of undergraduate research.
- 5. Make recommendations concerning the establishment, affiliation or abolition of centers or comparable organization that are primarily engaged in research.
- 6. Collaborate in reviews of the budget of the office of research undertaken by the senate fiscal committee.
- (C) Organization.
  - The committee shall annually elect a chair from its regular faculty membership in the spring semester preceding the academic year of service for no more than three consecutive one-year terms.
  - 2. As a standing committee of the senate, this committee is also governed by the provisions of rules 3335-5-46 and 3335-5-48 of the Administrative Code.

(Board approval dates: 6/7/1991, 11/4/1994, 5/3/1996, 5/3/2002, 5/7/2004, 6/7/2005, 7/13/2007, 5/14/2010, 6/6/2014)

# **University Senate**

### 3335-5-48 Standing and special committees of the senate.

(A) The senate may establish such standing and special committees as it deems necessary or desirable.

(1) The standing committees of the senate are those committees defined in rules 3335-5-48.1 to 3335-5-48.18 of the Administrative Code.

(2) A special committee is one established to carry out a specified task, at the completion of which it automatically ceases to exist.

(B) Membership.

(1) All standing and special committees of the senate shall include at least one faculty member of the senate.

(2) Unless otherwise specified by the rules, the number of tenure-track faculty on standing committees shall not be less than two-thirds of the faculty membership. Non-tenure-track faculty shall be appointed by the executive committee of the faculty council.

(23) Unless otherwise specified by the rules, or by the senate, the president shall appoint members of the administration; the council of graduate students, the inter-professional council, the undergraduate student government, the university staff advisory committee and the faculty council shall select members of their own constituency using procedures adopted by their respective bodies.

### (34) Terms of service.

(a) Faculty members shall serve three-year terms and are eligible for immediate reappointment to a second term. Following that they are ineligible for reappointment until one full year has elapsed. Faculty members may not serve as chair of an individual committee for more than three successive years.

(b) Unless otherwise specified by the rules, student members shall serve one-year terms and be eligible for reappointment.

(c) Appointed administration members shall serve two-year terms and shall not be eligible for immediate reappointment until one full year has elapsed unless they have served less than two-thirds of a full term.

(d) Multiyear terms shall be staggered so that approximately equal proportions of the number of members retire from the committee each year.

### 3335-5-47.1 Steering committee.

(A) Membership. The steering committee shall consist of seventeen eighteen members.

(1) Fifteen voting members.

(a) Six faculty members elected by faculty council as specified in the faculty council bylaws.

(b) The chair of faculty council. <u>The chair-elect of the faculty council shall have full</u> voting privileges if the chair cannot attend.

(c) Four student representatives.

(i) The president of the council of graduate students. The vice president of the council of graduate students or another designee who is a member of the university senate may attend steering committee meetings with full voting privileges if the president cannot attend.

(ii) The president of the inter-professional council. The vice president of the inter-professional council or another designee who is a member of the university senate may attend steering committee meetings with full voting privileges if the president cannot attend.

(iii) The president of the undergraduate student government. The vice president of the undergraduate student government or another designee who is a member of the university senate may attend steering committee meetings with full voting privileges if the president cannot attend.

(iv) An undergraduate student who is a member of the university senate and who is appointed by the vice president of the undergraduate student government.

(d) Three administrators.

(i) The executive vice president and provost.

(ii) The senior vice president for business and finance.

(iii) A dean appointed by the president.

(e) The chair of the university staff advisory committee [TR1]. The chair-elect of the university staff advisory committee shall have full voting privileges if the chair cannot attend.

(2) <u>Two-Three</u> nonvoting members.

(a) The secretary of the university senate.

(b) The chair-elect of faculty council.

(c) The chair-elect of the university staff advisory committee

## 3335-5-47.3 Rules committee.

(A) Membership. The rules committee shall consist of ten eleven members.

(1) Six faculty senators appointed by the executive committee of the faculty council

(2) Three students.

(a) One graduate student.

(b) One professional student.

(c) One undergraduate student.

(3) One staff senator, appointed by the university staff advisory committee

(34) One administrator. The secretary of the university senate.

#### 3335-5-48.1 Council on academic affairs.

(A) Membership.

The council on academic affairs shall consist of sixteen eighteen members.

(1) Ten tenure-track-faculty. The term of service is three years.

(a) Six tenure track faculty, at least two of whom are members of the senate, selected by the faculty council. The term of service is three years.

(b) Four tenure-track-faculty appointed by the president. The term of service is three years.

(2) Five students. The term of service is two years.

(a) Two graduate students. The term of service is two years.

(b) One professional student.

(c) Two undergraduate students. The term of service is two years.

(3) One academic advisor, appointed by the dean of undergraduate education. The term of service is two years.

(34) One Two administrators.

(a) The executive vice president and provost, or designee.

(b) A college-level curricular dean, appointed by the executive vice president and provost. The term of service is two years.

# 3335-5-48.2 Council on distance education, libraries and information technology.

(A) Membership.

The council on distance education, libraries and information technology shall consist of sixteen members.

- (1) Eight faculty, at least seven tenure track faculty.
- (2) Three students.
  - (a) One graduate student.
  - (b) One professional student.
  - (c) One undergraduate student.
- (3) Four administrators (or their designees).
  - (a) The dean of the graduate school.
  - (b) The director of university libraries.
  - (c) The chief information officer.
  - (d) The associate vice president for distance education.
- (4) One staff member, appointed by the university staff advisory council committee.

## 3335-5-48.4 Council on student affairs.

(A) Membership.

The council on student affairs shall consist of twenty-two members.

(1) Six tenure track-faculty, at least two of whom are members of the senate. The term of service begins in summer session.

- (2) Ten students. The term of service begins in summer session.
  - (a) Three graduate students.
  - (b) Two professional students.

(c) Four undergraduate students. Two of these students shall have a term of service of one year. Two of these students shall have a term of service of two years, with one student selected each year.

(d) One student from a regional campus selected by the undergraduate student government.

(3) Three staff members, appointed by the vice president for student life. The term of service is one year and begins in summer session.

(a) One non-voting student affairs staff member to act as the secretary for the council.

The term of service is one year.

(b) A student affairs staff member from a regional campus. The term of service is one

year.

(c) A college office student affairs staff member. The term of service is one year.

(4) Three administrators, non-voting.

(a) The vice president for student life or designee.

(b) The associate vice president for student life for planning and student development.

(c) The director of student activities or designee.

(5) Alternates.

Members of the council on student affairs may have an alternate. The alternate shall be selected in the same manner as the original appointment. The chair has responsibility for recording correct voting status. If the member has voting status, the alternate may vote in the event of the member's absence.

### 3335-5-48.5 Athletic council.

(A) The athletic council shall consist of fifteen sixteen voting members with terms commencing July 1 and completing June 30. Incoming members of the council may attend meetings as non-voting members immediately following selection. The term of service is four years.

(1) Eight tenure-track faculty. The term of service is four years.

(a) Four tenure track faculty selected by the faculty council. The term of service is four years with service commencing the first of July following appointment or election.

(b) Four tenure track-faculty members appointed by the president. The term of service is four years with service commencing the first of July following appointment.

(2) Four students.

(a) One graduate student.

(b) One professional student.

(c) Two undergraduate students. The term of service is two years and with one student selected each year.

(3) Two alumni designated by the Ohio state university alumni association using procedures adopted by that body. The term of service is four years and the terms are staggered so that one member retires every two years.

(4) One-<u>Two</u> staff members, one <u>of the university</u> selected by the university staff advisory committee <u>and one by the president</u>. The term of service is <u>two-four</u> years <u>with</u> <u>one staff member selected every two years</u>.

(5) Five ex-officio non-voting members or their designees

- (a) The Director director of Athletics athletics
- (b) The vice president of student life
- (c) the faculty athletics representative (FAR)
- (d) The director of student athletics support services office (SASSO)
- (e) The president of the student-athlete advisory council (SAAC)

#### 3335-5-48.6 Council on enrollment and student progress.

(A) Membership.

The council on enrollment and student progress shall consist of eighteen nineteen members.

(1) Nine-Ten tenure track faculty.

(a) Three tenure track faculty appointed by the president. Appointed members are eligible for reappointment.

(ba) Six Seven tenure track faculty selected by the Executive Committee of Faculty Council.

(b) Three faculty appointed by the president.

(2) One non-tenure-track faculty member selected by the Executive Committee of Faculty Council.

(<u>32</u>) Six students.

(a) Two graduate students.

(b) Two professional students.

(c) Two undergraduate students.

(3) One staff member, appointed by the university staff advisory committee

(4) Two administrators. Non-voting, appointed by the executive vice president and provost, or designee, to serve as administrative liaison for the council. One administrator shall represent the Office of Academic Affairs and one shall represent Enrollment Services.

#### 3335-5-48.7 Committee on academic misconduct.

(A) Membership.

The committee on academic misconduct shall consist of forty-two-six members.

(1) Twenty-two-four faculty, at least eighteen tenure track faculty. Faculty members are eligible for reappointment, but may not serve more than two consecutive terms.

(2) Eighteen Twenty students.

(a) Nine-Ten graduate students.

(b) <u>Nine-Ten</u> undergraduate students. The term of service shall begin with the summer term.

(3) Two administrators.

(a) The vice president for student life or designee, non-voting.

(b) A coordinator, appointed by the executive vice president and provost, who shall not participate in the decisions of the committee.

(4) Alternate members.

Faculty and students who have been regular members of the committee during the previous three years shall be eligible to be alternate members, providing they remain at the university in their same category.

#### 3335-5-48.9 Committee on academic freedom and responsibility.

(A) Membership. The committee on academic freedom and responsibility shall consist of eight members during autumn and spring semesters and ten members from May to the beginning of autumn semester.

(1) Six-Seven tenure track-faculty and one non-tenure track faculty, at least four of whom are members of the senate or members-elect at the time of their selection by the faculty council.

The term of service begins in the summer term following election and extends through the summer term following the third year of service.

(2) One graduate teaching, research, or administrative associate.

#### 3335-5-48.11 Fiscal committee.

(A) Membership.

The fiscal committee shall consist of twenty-six members.

(1) Nine tenure track-faculty members.

(a) Eight tenure-track faculty, at least one of whom is a department chair, and at least two of whom are members of the senate, selected by the faculty council.

(b) One tenure track faculty appointed by the president.

(2) Six students. The term of service is two years appointed for two-year terms.

(a) One graduate student.

(b) One professional student.

(c) Four undergraduate students at least two of whom are members of the senate.

(3) Three staff members. The term of service is appointed for three years terms.

(a) Two staff members with extensive fiscal and budgetary experience and expertise, one selected by the faculty council in consultation with the university staff advisory committee, and one selected by the executive deans in consultation with the senior fiscal officers.

(b) One staff member appointed by the president.

(4) Eight administrators.

(a) Two central administration officials appointed by the president. These members are non-voting.

(b) The four executive deans.

(c) The executive vice president and provost, or designee. This member is non-voting.

(d) The senior vice president and chief financial officer, or designee. This member is non-voting.

3335-5-48.12 Faculty compensation and benefits committee.

(A) Membership. The faculty compensation and benefits committee shall consist of fifteen members.

- (1) Twelve tenure-track-faculty, at least two of whom are members of the senate.
- (2) Two administrators.
  - (a) The executive vice president and provost, or designee.
  - (b) The vice president for human resources, or designee.

(3) An emeritus member from the tenure-track faculty appointed annually by the president in consultation with the Ohio state university retirees association.

(4) Additional non-voting members and consultants from the university, serving at the discretion of the voting members of the committee.

#### 3335-5-48.15 Council on the physical environment.

(A) Membership. The council on the physical environment shall consist of sixteen members.

- (1) Seven tenure track-faculty members.
  - (a) Five tenure track-faculty members selected by the faculty council.
  - (b) Two tenure-track-faculty members appointed by the president.
- (2) Four students.
  - (a) One graduate student.
  - (b) One professional student.
  - (c) Two undergraduate students, one representing on-campus students and one representing off-campus students.

(3) Two staff members appointed by the steering committee upon the recommendation of the staff advisory committee. The term of service is three years.

(4) Three administrators, non-voting.

(a) The vice president for business and finance. The senior vice president for administration and planning or designee.

(b) The senior vice president for business and finance or designee.

(c) The executive vice president and provost or designee.

#### 3335-5-48.16 Diversity committee.

(A) Membership. The diversity committee shall consist of sixteen seventeen members.

(1) Eight-Nine\_tenure-track-faculty.

(a) Six tenure track faculty selected by the faculty council.

(b) Two tenure-track-faculty appointed by the president.

(c) The past-chair of the committee, non-voting.

(2) Three staff members.

(a) Two staff members selected by the university staff advisory council. The term of service is three years.

(b) One staff member appointed by the president. The term of service is three years.

(32) Three students.

(a) One graduate student.

(b) One professional student.

(c) One undergraduate student.

(3) Three staff members.

(a) Two staff members selected by the university staff advisory committee. The term of service is three years.

(b) One staff member appointed by the president. The term of service is three years.

(4) Two administrators, non-voting.

(a) The executive vice president and provost, or designee.

(b) The associate vice president for human resources, or designee.

# Chapter 3335-7 Rules of the university faculty concerning clinical/teaching/practice and research faculty appointment, reappointment and nonreappointment, and promotion

3335-7-01 Definition.

Clinical/teaching/practice are faculty appointments of the same type that are fixed term contract appointments that do not entail tenure. Clinical-These faculty are teacher/practitioners and shall be engaged primarily in teaching activities related to: a) courses or instructional situations involving live patients or live clients, b) courses or instructional situations involving the simulation of live patients or live clients,  $\Theta$  c) courses or instructional situations involving the simulation of live patients or live clients,  $\Theta$  c) courses or instructional situations involving professional skills, or d) teaching as defined in Chapter 3335-6-02(A)(2) of the Administrative code.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2013)

#### 3335-7-02 Titles.

If individual colleges, schools, and departments with <u>clinicalclinical/teaching/practice</u> faculty wish to provide <u>clinical/teaching/practice</u> faculty with faculty-rank titles, then whatever title is used must be distinct from tenure-track titles (see paragraph (A) of rule 3335-5-19 of the Administrative Code). Titles include instructor, assistant professor, associate professor or professor of clinical (name of college, school, or department), <del>or</del>-instructor, assistant professor, associate professor or professor of professional practice of (name of college, school, or department), <u>or instructor, assistant professor, associate professor of teaching</u> (<u>name of college, school, or department</u>). Exceptions to these titles must be approved by the provost or his/her designee.

(Board approval dates: 7/12/2002, 6/4/2004, 6/1/2007, 6/7/2013, 11/3/2017, 11/16/2018)

#### 3335-7-03 Appointment cap.

Unless an exception is approved by the university senate and the board of trustees, <u>clinical\_clinical/teaching/practice</u> faculty may comprise no more than forty percent of the total tenure-track, <u>clinical\_clinical/teaching/practice</u> and research faculty (as defined in rule 3335-5-19 of the Administrative Code) in each of the colleges of the health sciences and no more than twenty percent of the tenure-track, *clinicalclinical/teaching/practice*, and research faculty in all other colleges. In all tenure-initiating units not in health sciences, the number of *clinical\_clinical/teaching/practice* track faculty members must be fewer than the number of tenure-track faculty members in each unit.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2005, 6/22/2012, 6/7/2013, 6/6/2014)

## 3335-7-04 Proposals and approval process.

(A) Proposals to establish or amend a <u>clinical\_clinical/teaching/practice</u> faculty in a college or school reporting directly to Office of Academic Affairs (OAA) must be submitted to the provost by the dean of the college or director of the school reporting directly to OAA. Proposals must include a clear rationale for establishing a <u>clinical\_clinical/teaching/practice</u> faculty and address how the terms and conditions of the appointments will be consistent with the rules set forth in Chapter 3335-7 of the Administrative Code, what titles will be given to <u>clinical\_clinical/teaching/practice</u> faculty, and what department and college governance rights will be extended to <u>clinical\_clinical/teaching/practice</u> faculty. <u>Clinical\_Clinical/teaching/practice</u> faculty. In addition, proposals must include the following components:

- A definition of the role in teaching and scope of professional practice duties of <u>clinical/teaching/practice</u> faculty, identifying specifically how those differ from duties of tenure-track faculty;
- Identification of the requirements for a <u>clinicalclinical/teaching/practice</u> faculty appointment, including appropriate terminal degrees and any credential or licensure requirements; and
- A list of courses that could be taught by clinical faculty and the relationship of those courses to the general curriculum. The expectation would be that clinical faculty should teach primarily courses involving professional practice in the clinical setting or courses designed to teach professional skills.

Proposals must comply with any additional guidelines promulgated by the council on academic affairs and will be reviewed according to criteria specified by the council on academic affairs.

(B) With the exception of changes to existing titles, proposals from a college or school reporting directly to OAA to establish or amend a <u>clinicalclinical/teaching/practice</u> faculty must be approved by a majority of the tenure-track faculty of the college or school reporting directly to OAA proposing to have a <u>clinical/clinical/teaching/practice</u> faculty, by the dean of the college or school reporting directly to OAA, by the executive vice president and provost, by the university senate, and by the board of trustees. The executive vice president and provost will

transmit all proposals to the council on academic affairs, which will review proposals and make a recommendation to the university senate. Title changes must be consistent with rule 3335-7-02 of the Administrative Code, but need only be approved by a majority of the tenure track faculty and dean of the college of director of the school reporting directly to OAA proposing the amendment.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2005, 6/1/2007, 6/7/2007, 6/7/2013)

# 3335-7-05 Criteria for appointment, for reappointment and nonreappointment, and for promotion.

Clinical/teaching/practice faculty may be appointed by colleges that do not have schools or departments and by schools and departments in colleges that have such subunits. The criteria for appointment, for reappointment and nonreappointment, and for promotion for clinicalclinical/teaching/practice faculty shall be established by the college, school, or department making such appointments and shall be set forth in that unit's appointments, promotion, and tenure document. The criteria must be consistent with the rationale for having clinicalclinical/teaching/practice faculty in the unit in question and must be distinct from the criteria for tenure-track faculty appointments. However, normally clinicalclinical/teaching/practice faculty will have an earned doctorate or other terminal degree in the relevant field or equivalent experience. The criteria for appointment, for reappointment and nonreappointment, and for promotion should reflect the importance of the responsibilities of clinical/clanical/teaching/practice faculty.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2005, 6/7/2013)

# 3335-7-06 Procedures for appointment.

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Procedures for appointment of <u>clinical\_clinical/teaching/practice</u> faculty shall be established by the college, school, or department making such appointments and shall be set forth in that unit's appointments, promotion, and tenure document. Appointments at the rank of associate professor or professor require prior approval of the office of academic affairs.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2013)

# 3335-7-07 Term of appointment.

(A) Contracts must be for a period of at least three years and for no more than five years.

(B) The initial contract is probationary and a <u>clinical\_clinical/teaching/practice</u> faculty member will be informed by the end of each probationary year as to whether he or she will be reappointed for the following year. By the end of the second to final year of the probationary contract, the faculty member will be informed as to whether a new contract will be extended at the conclusion of the probationary contract period. In the event that a new contract is not extended, the final year of the probationary contract is the terminal year of employment. There is no presumption that a new contract will be extended. In addition, the terms of a contract may be renegotiated at the time of reappointment.

(C) During and until the end of the second and subsequent contract periods,

clinical/teaching/practice faculty appointments may only be terminated for cause (see rule 3335-5-04 of the Administrative Code) or financial exigency (see rule 3335-5-02.1 of the Administrative Code) and the termination decision for either of these reasons shall result from procedures established by faculty rules. In addition, a contract may be renegotiated during a contract period only with the voluntary consent of the <u>clinical/clinical/teaching/practice</u> faculty member. By the end of the penultimate year of each contract period, the <u>clinical/teaching/practice</u> faculty member will be informed as to whether a new contract will be extended at the conclusion of the current contract period. If a new contract is not presumption that a new contract will be extended. In addition, the terms of a contract may be renegotiated at the time of reappointment.

(D) The standards of notice set forth in rule 3335-6-08 of the Administrative Code apply to <u>clinical\_clinical/teaching/practice</u> faculty appointments.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2005, 6/7/2013)

# 3335-7-08 Annual review, reappointment/nonreappointment, and promotion review procedures.

The procedures for reviewing <u>clinical\_clinical/teaching/practice</u> faculty annually and for reappointment/ nonreappointment and promotion shall be set forth in the relevant college, school or department appointments, promotion, and tenure. <u>document-Procedures for promotion\_and</u>-shall be consistent with review procedures established for tenure-track faculty, including those set forth in rules 3335-6-03 and 3335-6-04 of the Administrative Code with the following exceptions:

(A) The college dean's decision shall be final with respect to reappointment and nonreappointment. Decisions with respect to promotion shall be forwarded to the executive vice president and provost, who shall review the decision consistent with the review procedures established for tenure-track faculty including those set forth in rule 3335-6-04. Any decision of the executive vice president and provost shall be final; and

(B) External evaluations are optional.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2013, 11/3/2017)

# 3335-7-09 Transfers from the tenure track faculty to the <u>elinical\_linical/teaching/practice</u> faculty.

A college, school, or department may provide for the possibility of transfers from the tenure faculty track to the <u>clinicalclinical/teaching/practice</u> faculty if appropriate to its circumstances. A unit that permits transfers must abide by the following:

(A) The request for transfer must be initiated by the faculty member in writing and must state clearly how the individual's career goals and activities have changed;

(B) When a tenured faculty member transfers to the <u>clinical\_clinical/teaching/practice</u> faculty, tenure is lost; and

(C) All transfers must be approved by the school director or department chair, the college dean, and the executive vice president and provost.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2013)

# 3335-7-10 Transfers from the <u>clinicalclinical/teaching/practice</u> faculty to the faculty-track.

Transfers from the <u>clinical/clinical/teaching/practice</u> faculty to the tenure-track faculty are not permitted. <u>Clinical/clinical/teaching/practice</u> faculty may apply for tenure-track positions and compete in regular national searches for such positions.

(Board approval dates: 7/12/2002, 6/4/2004, 6/7/2005, 6/7/2013)

# 3335-7-11 Participation in governance by *clinicalclinical/teaching/practice* faculty.

(A) A college or academic unit that appoints <u>clinical\_clinical/teaching/practice</u> faculty determines the level of participation in college and departmental structures.

(B) A college or academic unit that appoints <u>clinical\_clinical/teaching/practice</u> faculty and elects senators may, by vote of at least a majority of all of its tenure-track faculty, determine that the

clinicalclinical/teaching/practice members of its faculty are eligible for election to the university senate.

(C) Following approval by a college or academic unit of eligibility of its <u>clinical/teaching/practice</u> faculty for election to the senate under the foregoing paragraph:

- For purposes of selection of university senators, the electorate for the college or academic unit shall be composed of all tenure-track and <u>clinical</u>/teaching/practice faculty.
- 2. Any <u>clinical\_clinical/teaching/practice</u> faculty member appointed by the college or academic unit may stand for election to serve as a representative in the senate.
- 3. The minimum and maximum numbers of <u>clinical\_clinical/teaching/practice</u> faculty from each college or academic unit that may serve as representatives in the senate shall be determined by majority vote of tenure-track and <u>clinical\_clinical/teaching/practice</u> faculty appointed by that college or academic unit within the limits provided for in paragraph 4 of this section.
- 4. One senator or not more than forty five forty-five per cent of the senators representing that college or academic unit, whichever is greater, may be <u>clinical/teaching/practice</u> faculty of the college or academic unit.

4. (D) Clinical/teaching/practice faculty will not be eligible to vote on the promotion or tenure of tenure-track faculty or the promotion of research faculty.

(Board approval dates: 4/4/2008, 6/7/2013)

# 3335-7-30 Definition.

Research faculty appointments are fixed term contract appointments that do not entail tenure. Research faculty are researchers and shall be engaged in research related to the mission and goals of the academic unit.

(Board approval dates: 6/4/2004, 6/7/2013)

# 3335-7-31 Titles.

Titles will be research professor of (name of college, school or department), research associate professor, research assistant professor.

(Board approval dates: 6/4/2004, 6/7/2013)

# 3335-7-32 Criteria for appointment, for reappointment and non-reappointment, and for promotion.

With tenure-track faculty majority approval, research faculty may be appointed by colleges that do not have schools or departments and by schools and departments in colleges that have such subunits. Unless otherwise authorized by a majority vote of the tenure-track faculty in a unit, research faculty must comprise no more than twenty per cent of the number of tenure-track faculty in the unit. In all cases, however, the number of research faculty positions in a unit must constitute a minority with respect to the number of tenure-track faculty in the unit.

The criteria for appointment, reappointment and nonreappointment, and for promotion for research faculty shall be established by the college, school or department making such appointments and shall be set forth in that unit's appointments, promotion and tenure document and approved by a majority vote of the tenure-track faculty of the unit and approved by the office of academic affairs. The criteria must be distinct from the criteria for tenure-track faculty appointments and cannot require classroom teaching. Research faculty will have an earned doctorate or other terminal degree in the relevant field. The criteria for appointment, for reappointment and nonreappointment, and for promotion should reflect the preponderance of responsibilities being in research activities.

(Board approval dates: 6/4/2004, 6/7/2013)

# 3335-7-33 Procedures for appointment.

Procedures for appointment of research faculty shall be established by the college, school or department making such appointments and set forth in that unit's appointments, promotion, and tenure document and approved by a vote of tenure-track faculty of the unit and the office of academic affairs. Appointments at the rank of research associate professor or research professor require prior approval of the relevant college and the office of academic affairs.

(Board approval dates: 6/4/2004, 6/7/2013)

# 3335-7-34 Duties and responsibilities.

The primary duty of research faculty is to conduct research. A research faculty member may, but is not required to, participate in limited educational activities in the area of his or her expertise. However, teaching opportunities for each research faculty member must be approved by a majority vote of the TIU's tenure-track faculty. Under no circumstances may a

member of the research faculty be continuously engaged over an extended period in the same instructional activities as tenure-track faculty. An appointment to a research faculty position should not be made to displace or make unnecessary an appointment to a tenure-track faculty position.

(Board approval dates: 6/4/2004, 6/7/2005, 6/7/2013)

## 3335-7-35 Term of appointment.

(A) Contracts will be for a period of at least one year and for no more than five years.

(B) Contracts must explicitly state the expectations for salary support and generally will require one hundred per cent salary recovery. It is expected that salary recovery/support will be derived from extramural funds.

(C) The initial contract is probationary, and a research faculty member will be informed by the end of each probationary year as to whether he or she will be reappointed for the following year. By the end of the penultimate year of the probationary contract, the research faculty member will be informed as to whether a new contract will be extended at the conclusion of the probationary contract period. In the event that a new contract is not extended, the final year of the probationary contract is the terminal year of employment. There is no presumption that a new contract will be extended. In addition, the terms of a contract may be renegotiated at the time of reappointment.

(D) During and until the end of the second and subsequent contract periods, research faculty appointments may be terminated for not meeting the terms of the contract (e.g. failure to obtain extramural support for the research). Appointments may also be terminated during a contract period for cause (see rule 3335-5-04 of the Administrative Code), or financial exigency (see rule 3335-5-02.1 of the Administrative Code), and the termination decision for either of these reasons shall result from procedures established by faculty rules. In addition, a contract may be renegotiated during a contract period only with the voluntary consent of the research faculty member. By the end of the penultimate year of each contract period, the research faculty member will be informed as to whether a new contract will be extended at the conclusion of the current contract period. If a new contract is no presumption that a new contract will be extended. In addition, the terms of a contract may be renegotiated at the time of reappointment.

(E) The standards of notice set forth in rule 3335-6-08 of the Administrative Code apply to research faculty appointments.

(Board approval dates: 6/4/2004, 6/7/2005, 6/7/2013, 6/6/2014)

# 3335-7-36 Annual review, reappointment/nonreappointment, and promotion review procedures.

The procedures for reviewing research faculty annually and for reappointment/nonreappointment and promotion shall be set forth in the relevant, tenure-track faculty approved, college, school or department appointments, promotion and tenure document and shall be consistent with review procedures established for tenure-track faculty including those set forth in rules 3335-6-03 and 3335-6-04 of the Administrative Code except that the college dean's decision shall be final with respect to reappointment and non-reappointment. Decisions with respect to promotion shall be forwarded to the executive vice president and provost, who shall review the decision consistent with the review procedures established for tenure-track faculty including those set forth in rule 3335-6-04. Any decision of the executive vice president and provost shall be final.

(Board approval dates: 6/4/2004, 6/7/2013, 11/3/2017)

## 3335-7-37 Governance rights.

Governance rights within a tenure-initiating unit (TIU) at the local level will be determined by the TIU and will require a vote of its voting faculty.

Research faculty will also be eligible to advise and supervise graduate and postdoctoral students and to be a principal investigator on extramural research grant applications. Approval to advise and supervise graduate students must be obtained from the graduate school as set forth in rule 3335-5-29 and detailed in the graduate school handbook.

Research faculty will not be eligible to vote on the promotion and or tenure of tenure-track faculty or clinical<u>the promotion of clinical/teaching/practice</u> faculty.

(Board approval dates: 6/4/2004, 6/7/2013, 6/6/2014)

### 3335-7-38 Transfers from the tenure-track faculty to research faculty.

A college, school or department may provide for the possibility of transfer from the tenure– track faculty to the research faculty if appropriate to its circumstances and if provided for in the unit's appointments, promotion and tenure document. A unit that permits transfers must abide by the following: (A) The request for transfer must be initiated by the tenure-track faculty member in writing and must state clearly how the individual's career goals and activities have changed.

(B) When a tenured faculty member transfers to the research faculty, tenure is relinquished.

(C) The school director or department chairperson, the college dean, and the executive vice president and provost must approve all transfers.

(Board approval dates: 6/4/2004, 6/7/2013)

## 3335-7-39 Transfers from the research faculty to the tenure-track.

Transfers from the research faculty to the tenure-track faculty are not permitted. However, research faculty may apply for tenure-track positions and compete in regular national searches for such positions.

(Board approval dates: 6/4/2004, 6/7/2013)

#### 3335-7-40 Oversight.

The office of academic affairs will submit an annual report to the university senate detailing the number, funding source, and TIU of research faculty appointments that have been made the previous year. Also included in the report will be the conditions of the appointments including fiscal arrangements. In unusual circumstances, salaries of research faculty may be paid on a temporary basis from funds other than those generated from tuition and subsidy.

(Board approval dates: 6/4/2004, 6/7/2005, 6/7/2013)

#### Clerical/Clarifying language related to the updates in 3335-07

#### 3335-5-03 Appointment of faculty and staff; tenure

(D) Tenure is lost only by formal resignation, by voluntary reduction of appointment below fifty per cent of service to the university except in the case of an approved leave of absence, by retirement, by transfer to clinical<u>/teaching/practice</u>, research, or associated faculty status, or may be terminated by reason of proved incompetence or grave misconduct in accordance with rule 3335-5-04 of the Administrative Code, for causes set forth in rule 3335-5-02 of the Administrative Code, or under the conditions of bona fide financial exigency, as specified in rule 3335-5-02.1 of the Administrative Code.

(Board approval dates: 8/1/1997, 6/7/2005, 6/6/2014)

## 3335-5-19 Faculty.

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As used in these rules the term "faculty" shall include persons appointed by the board of trustees with tenure-track and non-tenure track titles on full or part-time appointments, with or without salary, and emeritus faculty.

(A) "Tenure-track faculty": persons with the titles of professor, associate professor, assistant professor, and instructor who serve on appointments totaling fifty per cent or more service to the university and who are eligible for tenure or who have obtained tenure.

(B) "Non-tenure-track faculty": all faculty positions within the university that are not tenure-track and are not eligible for tenure. This includes the following categories:

- 1. "Clinical faculty": Clinical/teaching/practice faculty serve under fixed term contracts and their faculty appointments are described in Chapter 3335-7 of the Administrative Code.
- 2. "Research faculty": Research faculty serve under fixed term contracts and their faculty appointments are described in Chapter 3335-7 of the Administrative Code.
- 3. "Associated faculty": persons with clinical practice titles, adjunct titles, visiting titles, and lecturer titles; also professors, associate professors, assistant professors, and instructors who serve on appointments totaling less than fifty per cent service to the university. Persons with tenure-track, clinical/teaching/practice, or research faculty titles may not hold associated titles. Persons holding associated titles are not eligible for tenure and may not participate in the promotion and tenure reviews of tenure-track, clinical/teaching/practice, or research faculty. Persons with associated titles are permitted to participate in college or academic unit governance where approved by a vote of at least a majority of all of its tenure track faculty and also clinical/teaching/practice and research faculty in those colleges and units where they have been given voting rights. Associated
  - faculty appointments may be made for a maximum of three consecutive years and, with the exception of visiting titles, may be renewed.
    (a) Clinical Practice Faculty: The titles of clinical professor of practice, clinical associate professor of practice, clinical assistant professor of practice, and clinical
    - associate professor of practice, clinical assistant professor of practice, and clinical instructor of practice shall be used to confer faculty status on individuals who have credentials comparable to clinical faculty of equivalent rank and who either provide significant, uncompensated service for which a faculty title is needed or

compensated service to the clinical instructional programs in the colleges of the health sciences. Clinical practice appointments are made for the period in which the service is provided. Renewal of no-salary appointments is contingent upon continued significant contributions. Procedures for the promotion of clinical practice faculty members shall be the same as for promotion of clinical faculty.

- (b) Visiting Faculty: The titles of visiting professor, visiting associate professor, and visiting assistant professor, shall be used to confer faculty status on individuals who have credentials comparable to tenure-track, clinical/teaching/practice or research faculty of equivalent rank who spend a limited period of time on formal appointment and in residence at this institution for purposes of participating in the instructional and research programs of the university. A visiting appointment cannot exceed three continuous academic years of service.
- (c) Adjunct Faculty: The titles of adjunct professor, adjunct associate professor, and adjunct assistant professor, and adjunct instructor shall be used to confer faculty status on individuals who have credentials comparable to tenure-track, clinical/teaching/practice, or research faculty of equivalent rank, who provide significant, service to the instructional and/or research programs of the university and who need a faculty title to perform that service. Significant service would include teaching the equivalent of one or more courses, advising graduate students or serving on graduate committees, and serving as a co-investigator on a research project. Such individuals may be either nonuniversity employees or university employees compensated on a noninstructional budget. Adjunct appointments are made for the period in which the service is provided. Renewal of adjunct appointments is contingent upon continued significant contributions. Procedures for the promotion of adjunct faculty members shall be the same as for promotion of tenure, clinical/teaching/practice, or research faculty.
- (d) Lecturer: The titles of lecturer and senior lecturer shall be used for all compensated instructional appointments where other titles are not appropriate. Lecturers' responsibilities are limited to teaching as defined in Chapter 3335-6 of the Administrative Code.

(C) "Emeritus faculty": Emeritus faculty status is an honor given in recognition of sustained academic contributions to the university as described in rule 3335-5-36.

(Board approval dates: 4/4/1997, 12/4/1998, 4/6/1999, 3/1/2002, 7/12/2002, 6/4/2004, 2/1/2013, 4/5/2013, 6/7/2013, 11/16/2018)

# 3335-5-36 Emeritus Faculty.

(A) Full-time tenure-track, clinical/teaching/practice, research, or associated faculty may request emeritus status upon retirement or resignation at the age of sixty or older with ten or more years of service or at any age with twenty-five or more years of service.

(B) The request for emeritus status is made to the tenure initiating unit (TIU) head, except that for associated faculty with appointments at regional campuses, the request for emeritus status is made to the regional dean. The process for awarding emeritus status shall be described in the TIU/regional campus appointments, promotion and tenure document. The executive vice president and provost must approve requests for emeritus status for faculty who do not otherwise meet the qualifications in 3335-5-36 (A). Emeritus status is recommended by the TIU head, the dean, and the executive vice president and provost, and approved by the board of trustees.

(C) Emeritus faculty, in keeping with the honorific nature of the title, are not expected to perform faculty duties (under rule 3335-5-07), nor do they retain the specific powers of the faculty (under rule 3335-5-14). Emeritus faculty may not vote at any level of governance and may not participate in promotion and tenure matters but may have such other privileges as individual academic units or the university may provide.

(D) If emeritus status is requested but denied by the TIU head/regional dean, the decision can be appealed in writing to the dean or executive vice president and provost for units for which the dean is the TIU head. If the request for emeritus status or an appeal is denied by the dean, the decision can be appealed in writing to the executive vice president and provost, who shall make the final decision. Every effort shall be made by the dean and executive vice president and provost to conclude all decisions on appeals within 60 days.

(E) In lieu of the process described in rule 3335-5-04, the president, subject to the approval of the board of trustees, shall have the authority to revoke emeritus status if an emeritus faculty member at any time engages in serious dishonorable conduct in violation of law, rule, or policy and/or causes harm to the university's reputation.

(Board approval date: 11/16/2018)

# 3335-5-48.10 Faculty hearing committee.

(A) Membership.

The faculty hearing committee shall consist of twenty-four tenured members of the faculty selected by the faculty council. Each elected person shall serve a four-year term as a regular member followed by a one-year term as an alternate member.

(B) Duties and responsibilities.

- 1. Conduct hearings on appeals by respondents charged under rule 3335-5-04 of the Administrative Code following the procedures of paragraph (H) of this rule.
- 2. Conduct hearings on complaints of alleged improper evaluation based upon reasons or considerations that infringe a constitutional right of the complainant following procedures of paragraph (C)(4) of rule 3335-5-05 of the Administrative Code.

- 3. Conduct hearings on allegations of improper evaluation based upon inadequate consideration of the pertinent facts by the individual(s) making the decision following procedures of paragraph (C)(5) of rule 3335-5-05 of the Administrative Code.
- 4. Conduct hearings on an appeal of a tenured, non-probationary clinical/<u>teaching/practice</u>, or research faculty member because of termination of appointment during financial exigency following procedures of paragraph (B) of rule 3335-5-02.3 of the Administrative Code.

# 3335-9-11 Tenure-track faculty, clinical<u>/teaching/practice</u> faculty, research faculty, and senior administrative and professional employees pursuing additional degrees.

Faculty members: No tenure-track faculty member, clinical/teaching/practice faculty member, or research faculty member will be permitted to pursue a degree offered by the TIU in which the faculty member holds an appointment, as defined in rule 3335-6-06 of the Administrative Code. In those instances where faculty members wish to pursue degrees in other units or programs of this university, they must demonstrate that the acquisition of these degrees enhances their own competence as teachers and scholars. In making decisions to pursue additional degrees, these faculty must consider first and foremost the requirements of their total university commitment and responsibilities. Requests to pursue additional degrees must be approved by the faculty member's TIU head and dean and by the dean of the college or director of the program in which the degree would be granted.

Senior administrative and professional appointees: In those instances where senior administrative and professional appointees wish to pursue degrees at this university, they must demonstrate that the acquisition of these degrees enhances their competence as university employees. In making decisions to pursue additional degrees, senior administrative and professional appointees must consider first and foremost the requirements of their total university commitment and responsibility. Requests to pursue additional degrees must be approved by the immediate supervisor; the TIU head, dean or the appropriate vice president, in whose area the senior administrative and professional appointee holds position, and dean of the college or director of the program in which the degree would be granted.

(Board approval dates: 6/14/1948, 11/1/1985, 11/2/1990, 5/3/1996, 4/4/1997, 12/4/1998, 6/7/2005 6/6/2014)

#### 3335-17-04 Apportionment of faculty members.

(C) For the purpose of voting in a senate election, the eligible faculty shall be tenure-track faculty such clinical/<u>teaching/practice</u> track faculty as are authorized for senate service pursuant to rule 3335-7-11 of the Administrative Code. They shall vote only in the election of members from the college or unit in which they hold their primary appoint.

# 3335-17-08 Qualifications for membership.

(A) To be eligible for service as members of the university senate:

- 1. Faculty members shall be on the roster of the tenure-track faculty, or on the roster of a college or unit's clinical/teaching/practice track faculty who are authorized for senate service pursuant to rule 3335-7-11 of the Administrative Code, and available for senate service autumn and spring semesters during their elected terms.
- 2. Graduate, professional and undergraduate student members shall be in good standing and enrolled each semester.
- 3. Faculty, professional and undergraduate student members shall, at all times including the time of election, be members of the constituency which they were elected to represent. The graduate student senators shall be deemed to represent all graduate students.
- (B) No person shall represent one constituency while serving as a representative of another.
- (C) The requirements for alternate members shall be the same as for members.

Senate adoption date: 6/4/1977; Senate revision dates: 4/29/1978, 2/9/1980, 1/26/1985, 5/13/2004

(Board approval dates: 6/4/2004, 6/6/2008, 6/6/2014)

## **University Senate**

## 3335-5-37 Membership.

There shall be a university senate, a unicameral body constituted as follows:

(A) Voting members: the voting members of the senate (throughout this document the word "senate" shall be taken to mean the university senate) shall consist of:

Twenty-<u>six-four</u> administration members Seventy-<u>one</u> faculty members Forty-one student members, consisting of twenty-six undergraduate, ten graduate, and five professional student members. <u>Five staff members.</u>

Any change in the number of members representing one of three primary categories shall necessitate an adjustment in the total membership in order to maintain to the nearest percentage the ratio of these numbers.

(B) Non-voting members: senate members not entitled to vote on the floor of the senate, but otherwise to participate in all senate deliberations, shall include the chair of faculty council (if not a member of the senate), senate committee chairs (if not members of the senate), the president of the alumni association, the secretary of the university senate, the president of the undergraduate student government, the president of the council of graduate students, and the president of the inter-professional council, and the chair of the university staff advisory committee.

(Board approval dates: 7/7/1972, 6/14/1974, 7/9/1976, 7/22/1977, 7/20/1979, 2/3/1984, 2/7/1986, 2/1/1991, 4/7/1995, 5/3/1996, 8/1/1997, 12/4/1998, 4/6/1999, 7/7/2000, 5/6/2005, 5/14/2010, 6/5/2015)

### 3335-5-38 -Terms of office.

(A) Ex officio members serve by virtue of their position and shall have no fixed term of office.

(B) Faculty members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for reelection after two consecutive terms of service.

(C) Student members shall serve one-year terms and be eligible for reelection.

(D) Staff members shall serve two-year terms; they shall be ineligible for one year for reelection after two consecutive terms of service.

(Board approval dates: 7/7/1972, 7/9/1976, 7/22/1977, 4/4/2008, 6/5/2009)

#### 3335-17-01 Administration members.

The twenty-<u>six-four</u> members from the administration shall consist of the university president, the executive vice president and provost, the senior vice president for business and finance, the <u>senior</u> vice president for research, the <u>senior</u> vice president for student life, the <u>executive dean of the college of arts and sciences</u>, the deans of the <u>other thirteenfifteen</u> colleges, the executive dean for the regional campuses, the dean of the graduate school, the dean for undergraduate education, <u>and</u> the director of libraries, and the three divisional deans of the college of arts and sciences.

## 3335-17-02 Elections.

The faculty, <u>staff</u>, professional student, graduate student, and undergraduate student members and alternates of the university senate shall be chosen in the manner prescribed by the appropriate constituency as defined in rule 3335-17-03 of the Administrative Code. All terms of service shall begin in the autumn semester following election.

Senate revision dates: 9/29/1984, 12/2/1989

### 3335-17-03 Administration and supervision of elections.

The primary responsibility for administering and supervising senate elections shall reside with the faculty council, for the election of faculty members of the senate; council of graduate students, for the election of graduate student members; inter-professional council, for the election of professional student members; <del>and</del> undergraduate student government, for the election of undergraduate student members; <u>and university staff advisory committee</u>, for the election of nonbargaining staff members. Each group shall:

#### 3335-17-04 Apportionment of faculty members.

(A) Seventy<u>-one</u> faculty members shall be apportioned as follows: at least one to represent each of the following faculty constituencies:

College of arts and sciences: division of arts and humanities

College of arts and sciences: division of natural and mathematical sciences

College of arts and sciences: division of social and behavioral sciences

College of food, agricultural, and environmental sciences

The Max M. Fisher College of business, the Max M. Fisher

College of dentistry

College of education and human ecology

- College of engineering
- The Michael E. Moritz College of law
- College of medicine
- College of nursing
- College of optometry
- College of pharmacy

The John Glenn school College of public affairs

College of public health

College of social work

College of veterinary medicine

- OSU Lima campus
- OSU Mansfield Campus
- OSU Marion Campus
- OSU Newark Campus

University libraries

Departments of military science, naval science, and air force aerospace studies

3335-17-07.5 Apportionment of staff members

(A) Five staff members from different campus units shall be selected by university staff advisory council in accordance with its bylaws.

(B) Non-bargaining unit staff members will be eligible to apply for selection to the five senate positions.

# 3335-17-08 Qualifications for membership.

- (A) To be eligible for service as members of the university senate:
  - Faculty members shall be on the roster of the tenure-track faculty, or on the roster of a college or unit's clinical track faculty who are authorized for senate service pursuant to rule 3335-7-11 of the Administrative Code, and available for senate service autumn and spring semesters during their elected terms.
  - +2.Staff members shall be on the roster of a college or unit and available for senate service autumn and spring semesters of their elected terms.
  - 2-3. Graduate, professional and undergraduate student members shall be in good standing and enrolled each semester.
  - 4. Faculty, <u>staff</u>, professional and undergraduate student members shall, at all times including the time of election, be members of the constituency which they were elected to represent. The graduate student senators shall be deemed to represent all graduate students.
  - 3-5.Faculty or staff that assume an administrative title containing dean, provost, or president during the academic year shall not continue to represent faculty or staff into the next academic year.
- (B) No person shall represent one constituency while serving as a representative of another.

(C) The requirements for alternate members shall be the same as for members.

Senate adoption date: 6/4/1977; Senate revision dates: 4/29/1978, 2/9/1980, 1/26/1985, 5/13/2004

(Board approval dates: 6/4/2004, 6/6/2008, 6/6/2014)

#### Appendix LI

#### Memorandum

| To:      | University Senate  |
|----------|--|
| From:    | Eric C. Bielefeld, Chair, Council on Academic Affairs                          |
| Subject: | Proposal to Establish the Bachelor of Science in Engineering Technology Degree |
| Date:    | April 15, 2019   |

A PROPOSAL FROM THE COUNCIL ON ACADEMIC AFFAIRS TO ESTABLISH THE BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY DEGREE, COLLEGE OF ENGINEERING, FOR THE LIMA, MARION, MANSFIELD AND NEWARK CAMPUSES

| Whereas | the degree program was developed in response to the growing needs of regional and state manufacturers for highly skilled college graduates who possess broad training in manufacturing engineering technology and are prepared for plant management roles; and               |
|---------|--|
| Whereas | the program will begin in Autumn 2020, initially with the focus on<br>Manufacturing Engineering Technology but other concentration areas may be<br>developed with time, and initially at the Lima, Marion, and Mansfield campuses<br>with Newark added later; and            |
| Whereas | the regional campuses will assume budgetary responsibility; clinical faculty will<br>assume much of the teaching responsibilities; a Program Coordinator will be<br>appointed and student services are available; and a full curriculum outline has<br>been established; and |
| Whereas | the program was developed with, and has the full support of, the College of<br>Engineering and its College Committee on Academic Affairs; and  |
| Whereas | the proposal was reviewed and approved by the Council on Academic Affairs at its meeting on March 20, 2019; and  |

Therefore be it resolved that the University Senate approve the proposal to establish the Bachelor Science in Engineering Technology degree program for the Lima, Marion, Mansfield, and Newark Campuses and respectfully request approval by the Board of Trustees.

| From:        | Smith, Randy  |
|--------------|---|
| To:          | <u>Jones, Norman; Kelley, Kathryn; Ulstad, Aimee T.</u>   |
| Cc:          | Bielefeld, Eric; Smith, Randy; Reed, Katie; Tomasko, David; Williams, David B.; Rose, Gregory; Brandesky, |
|              | Joseph; MacDonald, William; McPheron, Bruce A.; Schmiesing, Ryan; Hofherr, Michael B.; Griffiths, Robert; |
|              | Hume, Beth; Daly, Marymegan; Leite, Fabio; Pandey, Bishun; Kitchen, Dawn; Brown, Stephanie; Givens, Ben;  |
|              | <u>Schweikhart, Sharon; Hogan, Michael; Eveland, Jessica; Kaplan, Jeff; Miner, Jack</u>                   |
| Subject:     | Bachelor of Science in Engineering Technology   |
| Date:        | Wednesday, March 20, 2019 4:44:11 PM  |
| Attachments: | image001.png  |

#### Norman, Kathryn and Aimee:

The proposal from the College of Engineering to establish a new Bachelor of Science in Engineering Technology degree program for the Regional Campuses was approved by the Council on Academic Affairs at its meeting on March 20, 2019. Thank you for attending the meeting to respond to questions/comments.

The proposal will now be sent to the University Senate with a request that it be included on the agenda of its meeting on April 18, 2019. I will provide you with additional details as I learn them. The Chair of the Council, Professor Eric Bielefeld, will present the proposal, but we will need at least one of you to attend that meeting to respond to questions/comments.

If approved by the Senate, it will be sent to the Board of Trustees for action at its meeting on May 31, 2019.

I will work with you on a submission to the Ohio Department of Higher Education and interact with the Higher Leaning Commission for any action that may be required there.

Given that your request for implementation is Autumn 2020, there should be no difficulty ensuring all appropriate approvals for an offering at that time.

Please keep a copy of this message for your file(s) on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions, please contact Professor Bielefeld (.6) or me.

Congratulations on the successful completion of this important stage in the review/approval process. I am well aware of the collaborative efforts of many to get to this point.

Randy



THE OHIO STATE UNIVERSITY

W. Randy Smith, Ph.D. Vice Provost for Academic Programs Office of Academic Affairs 203 Bricker Hall, 190 North Oval Mall, Columbus, OH 43210 614-292-5881 Office

# THE OHIO STATE UNIVERSITY

#### **College of Engineering**

Undergraduate Education & Student Services

122 Hitchcock Hall 2070 Neil Avenue Columbus, OH 43210-1278

> 614-292-2651 Phone 614-292-9379 Fax

engineering.osu.edu

February 4, 2019

Randy Smith, Vice Provost for Academic Programs Office of Academic Affairs

Re: Proposal to establish a Bachelor of Science in Engineering Technology program

Dear Randy,

On January 18, 2019, the College of Engineering College Committee on Academic Affairs (CCAA), reviewed the attached proposal, submitted by Dr. Norman Jones, dean and director of The Ohio State University at Mansfield, to establish a Bachelor of Science in Engineering Technology program at the following delivery sites: Lima, Marion, Mansfield, and Newark campuses. The committee voted unanimously to support the program with a vote of 11 in favor, 0 opposed, and 0 abstentions.

If you have any questions concerning CCAA's decision, or the proposal itself, feel free to contact me.

Yours sincerely,

Rosie Quinzon-Bonello

Rosie Quinzon-Bonello Assistant Dean for Curriculum and Assessment

# REQUEST FOR APPROVAL SUBMITTED BY:

The Ohio State University

Bachelor of Science Degree in Engineering Technology

February 2019

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|   | REQUEST |  |  |
|---|---------|--|--|
| Date of submission: January 2019  |         |  |  |
| Name of institution: The Ohio State University  |         |  |  |
| Degree/degree program title: Bachelor of Science Degree in Engineering Technology (BSET)  |         |  |  |
| Primary institutional contact for the request<br>Name: Dr. Norman Jones<br>Title: Dean & Director<br>Phone number: 419-755-4222<br>E-mail: jones.2376@osu.edu |         |  |  |
| Delivery sites:<br>Lima, Marion, Mansfield, and Newark campuses   |         |  |  |
| Date that the request was approved by the institution's governing board (e.g. Board of Trustees,<br>Board of Directors): TBD                                  |         |  |  |
| Proposed start date: Autumn Semester 2020   |         |  |  |
| Institution's programs: associate, bachelor's, master's, and doctoral degrees   |         |  |  |
| Educator Preparation Programs: not applicable   |         |  |  |
| Licensure   | No      |  |  |
| Endorsement   | No      |  |  |

# **SECTION 1: INTRODUCTION**

#### **1.1** Provide a brief summary of the request that will serve as an introduction for the reviewers.

This new degree program will be a Bachelor of Science in Engineering Technology (BSET). The degree was developed in response to the growing needs of regional and state manufacturers for highly skilled college graduates who possess broad training in manufacturing engineering technology and are prepared for plant management roles. Initially, the major will focus on Manufacturing Engineering Technology. Additional concentrations within the major may be added once the program becomes well established. The program will be administered initially by three regional campuses (Lima, Mansfield, and Marion) in partnership with the College of Engineering on the Columbus campus. Later, it will be extended to the Newark campus; eventually, it may also be offered on the Columbus campus.

# SECTION 2: ACCREDITATION

#### 2.1 Regional accreditation

- Original date of accreditation: 1913 (Higher Learning Commission)
- Date of last review: 2017
- Date of next review: 2027

#### 2.2 Results of the last accreditation review

Briefly describe the results of the institution's last accreditation review and submit the results (e.g., agency report, accreditation letters, requests for follow-up, etc.) as an appendix item.

The Institutional Actions Council of the Higher Learning Commission confirmed the Reaffirmation of Accreditation for The Ohio State University on July 31, 2017.

#### 2.3 Notification of appropriate agencies

 Provide a statement indicating that the appropriate agencies (e.g., regional accreditors, specialized accreditors, state agencies, etc.) have been notified of the institution's request for authorization of the new program. Provide documentation of the notification as an appendix item.

ABET is the accrediting body for BSET programs under the Engineering Technology Accreditation Commission (ETAC) commission. ABET does not accredit programs until students have graduated and the student outcomes can be measured/assessed against their criteria.

# SECTION 3: LEADERSHIP—INSTITUTION

#### 3.1 Mission statement

The Ohio State University is dedicated to:

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- Creating and discovering knowledge to improve the well-being of our state, regional, national and global communities;
- Educating students through a comprehensive array of distinguished academic programs;
- Preparing a diverse student body to be leaders and engaged citizens;
- Fostering a culture of engagement and service.

We understand that diversity and inclusion are essential components of our excellence.

The Ohio State University's Engineering Technology Program is a best-in-class program dedicated to:

- Preparing diverse students to be leaders in thought and action;
- Developing skilled employees to meet the technical needs of the state;
- Fostering collaborations between students and employers to enhance real-world applicability of knowledge;
- Creating a community of support between faculty, staff, students, and partners.

#### 3.2 Organizational structure

• Provide a copy of the institution's organizational chart as an appendix item.

https://oaa.osu.edu/sites/default/files/links\_files/oaa-org-chart.pdf

# SECTION 4: ACADEMIC LEADERSHIP—PROGRAM

#### 4.1 Organizational structure

• Describe the organizational structure of the proposed program. In your response, indicate the unit that the program will be housed within and how that unit fits within the context of the overall institutional structure. Further, describe the reporting hierarchy of the administration, faculty, and staff for the proposed program.

As with many programs offered on Ohio State's regional campuses, the regional campuses (initially Lima, Mansfield, and Marion) will hold the primary responsibility for administrative oversight of the BSET program and will hold full fiscal oversight of and responsibility for the program. Academic oversight will be shared among the regional campuses and the College of Engineering (COE) on the Columbus campus. Additionally, the Ohio Manufacturing Institute (OMI) will help support this program.

Regional campus Engineering faculty supporting the BSET program will serve as liaisons between the regional campuses and COE as they will be members of the appropriate COE department (e.g., Electrical and Computer Engineering, Engineering Education, Integrated Systems Engineering, Materials Science and Engineering, and Mechanical and Aerospace Engineering) while holding appointments entirely on a regional campus. One academic advisor, the BSET Program Coordinator, one regional Engineering faculty member from each campus offering the BSET, and one faculty representative from the COE will serve on a BSET Curricular Development and Assessment Committee (BSET CDAC), which will bring recommendations for program and course changes or approvals to the COE College Committee on Academic Affairs (CCAA). The chair of the BSET CDAC or designee will serve as the BSET representative on CCAA, in keeping with COE policy (every undergraduate program in COE must have a representative on CCAA). The BSET CDAC will have primary responsibility for making recommendations to CCAA regarding program policies on matters such as Special Action Probation (SAP).

Furthermore, the BSET Program Coordinator (an administrative staff position) will serve as the liaison among regional campuses, COE, individual departments, and industry partners.

All budgetary costs associated with the BSET program will be the responsibility of the regional campuses; there will be no financial burden on Columbus Engineering departments. The only responsibility of relevant Columbus departments will be to serve in an advisory capacity for faculty hiring, annual reviews, and curricular changes. In this, the relationship between the regional campuses and Columbus departments will be the same for the BSET program as it is for other four-year degrees offered on the regional campuses. The one exception is that this program will at least initially be unique at Ohio State because most of the courses composing the major will be offered only at the regional campuses. (Ohio State's Fisher College of Business currently offers a Business Management major available only at the regional campuses; however, the courses for this major are the same as those taken by Fisher College of Business and columbus campus; by contrast, most of the BSET courses will be available only at the regional campuses.)

In the hiring of regional Engineering faculty for the BSET program, the relevant COE department will typically appoint one Columbus faculty member to serve on the search committee as its representative, often participating only in the final stages of the search (e.g., helping to vet the top candidates). The new faculty member will be hired by the regional campus and may attend departmental meetings in Columbus. The Dean of a given regional campus conducts annual reviews of teaching and service for all regular faculty appointed on that campus. Such reviews take into account SEI data, peer evaluation of teaching letters, and pedagogical professional development undertaken by the faculty member. The relevant Columbus department may review this evaluation and content-specific teaching meterials such as course syllabi and assignments; in addition, the department may conduct peer teaching evaluations. The expectation is that most BSET faculty would be hired as Clinical Faculty, Relevant COE departments may amend their APT and POA policies (following the examples of departments such as Mathematics, Chemistry, and Physics) to address the roles of regional clinical faculty.

 Provide the title of the lead administrator for the proposed program and a brief description of the individual's duties and responsibilities. Include this individual's CV/resume as an appendix item.

The BSET Program Coordinator will serve as the project leader for developing and overseeing this new program on multiple campuses. The Program Coordinator's duties will include general BSET program development (intra-university coordination among campuses and units; coordination of external marketing and recruitment; and curricular development) as well as industry and community engagement.

 Describe any councils, committees, or other organizations that support the development and maintenance of the proposed program. In your response, describe the individuals (by position) that comprise these entities, the terms of their appointment, and the frequency of their meetings.

The College of Engineering Committee on Academic Affairs (CCAA) is composed of faculty representatives from each undergraduate degree-granting program within the college as well as the Engineering Education Department. Members are appointed for three years. The CCAA meets

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approximately once per month during the autumn and spring semesters. Current committee members are listed below:

Voting members: AAE/ME - Blaine Lilly AVN - Shannon Morrison BME - Mark Ruegsegger CBE - Jeff Chalmers CIV - Michael Hagenberger CSE - Paul Sivilotti ECE - George Valco EED - Deb Grzybowski ENG PHY - Robert Perry

ENVR - John Lenhart FABE - Ann Christy ISE - Carolyn Sommerich (chair) MSE - Mike Sumption WELD - David Phillips Advisor Rep - Nikki Strader Grad Rep - Varun Undergrad Rep - Jacqueline Moss

Non-voting members: KSA - Jane Murphy UESS - Dave Tomasko, associate dean UESS - Rosie Quinzon-Bonello, committee secretary

The BSET Curricular Development and Assessment Committee will be created and will be composed primarily of regional campus faculty from each of the most relevant Engineering departments, potentially including Electrical and Computer Engineering, Engineering Education, Integrated Systems Engineering, Materials Science and Engineering, and Mechanical and Aerospace Engineering. One academic advisor, the BSET Program Coordinator, one regional Engineering faculty member from each campus offering the BSET, and one faculty representative from the College of Engineering will serve on a BSET Curricular Development and Assessment Committee (BSET CDAC). The BSET CDAC will bring recommendations for program and course changes or approvals to the College of Engineering Committee on Academic Affairs (CCAA). The chair of the BSET CDAC or designee will serve as the BSET representative on CCAA. The total membership of the BSET CDAC will be between six and nine faculty and staff.

#### 4.2 Program development

• Describe how the proposed program aligns with the institution's mission.

From its founding in 1870 under the name of Ohio Agricultural and Mechanical College, The Ohio State University has remained true to its land-grant mission in accordance with the Morrill Act of 1862. While it has evolved from its original mission of training students for agricultural and mechanical disciplines, the College of Engineering continues to train students to support the technical needs of Ohio. With the current resurgence of manufacturing, Ohio's largest economic sector with 17% of its gross domestic product, today's need for technical talent has outpaced the University's ability to provide enough students to meet workforce demands. Additionally, even though the most critical and immediate workforce needs are in manufacturing, engineering students currently graduating from Ohio State tend to be recruited primarily for industry research and design roles. Ohio State's regional campuses are well positioned to help meet manufacturers' needs, as the mission of the regional campuses includes supporting the needs of its surrounding communities.

The proposed BSET program reflects the mission of the College of Engineering to develop education and outreach programs that enhance economic competitiveness regionally, nationally and globally. The BSET

program is also aligned with the College of Engineering's focus on manufacturing, materials, mobility and medicine, as outlined in its most recent strategic plan. Many other leading universities across the country offer a Bachelor of Science in Engineering Technology. According to a 2016 National Academy of Engineering publication, *Engineering Technology Education in the United States*, approximately 38 universities award at least 100 BSET degrees each year. These institutions include Purdue Polytechnic Institute, Texas A&M, Southern Illinois University, Rochester Institute of Technology, and Michigan State. Approximately 6700 BSET degrees per year are conferred by the 38 top programs.

As the number of students applying for admission to the Columbus campus has increased, the competitiveness of the admission process has also grown. Limitations in classroom and instructor capacity at the Columbus campus are constraining enrollment for engineering majors. Greater numbers of academically qualified students are now being admitted to the regional campuses. Given the recent addition of available housing near several regional campuses, many students who begin at a regional campus express an interest in remaining at that campus for longer than only one or two years. This has increased demand by students for more four-year degrees that can be completed entirely at the regional campuses.

Ohio State's regional campuses play a vital role in helping the University meet this critical demand. The regional campuses are building a strong track record in engineering. They have hired local clinical faculty to teach first- and second-year engineering courses; during Autumn 2018, the Marion campus enrolled 63 students in first-year engineering courses, Mansfield enrolled 41, and Lima enrolled 38. Each regional campus is co-located with a community or technical college that currently offers two-year technical degree programs and has engineering lab facilities outfitted with current technologies used by manufacturers. Based on industry demand, North Central State College received permission in 2018 from the Ohio Department of Higher Education to pursue development of a Bachelor of Applied Science in Mechanical Engineering Technology. These resources present opportunities for collaboration in support of an Ohio State BSET program. Furthermore, manufacturers in each region will partner with their respective regional campuses to support students with internships and the possibility of hiring them in full-time positions after graduation. All four years of the proposed degree will be offered at Ohio State's regional campuses, beginning with Lima, Marion, and Mansfield and then expanding later to include Newark, which presently does not have the space to accommodate additional faculty. Newark expects to be able to launch the program in 2023 by which time it will have built the John and Mary Alford Center for Science and Technology.

Many Ohio State students who begin at a regional campus place into math courses below calculus, which is a substantial barrier to pursuing any of the existing Bachelor of Science in Engineering programs in a timely manner. These students are required to take pre-calculus math courses, which delays their time-to-degree and results in lower graduation rates. These students possess skills more in alignment with ABET's emphasis for BSET programs on the application of differential and integral calculus, which is less theoretical and more in line with what students will need for future roles in industry. In summary, the BSET program will serve the regional and workforce needs of the state's economic base.

 Indicate whether the institution performed a needs assessment/market analysis to determine a need for the program. If so, briefly describe the results of those findings. If completed, submit the full analysis as an appendix item. Manufacturers in Ohio report high demand for technical talent in the mid- to high-level skills range (see "Retooling Engineering Technology for the Manufacturing 5.0 Workplace," Ohio Manufacturing Institute, <u>www.omi.osu/engineeringtech</u>). Manufacturers seek engineers who not only possess handson skills but also are capable of understanding the technology involved with robotics, lightweight manufacturing, and automation systems. According to Deloitte and the Manufacturing Institute projections, the widening manufacturing skills gap is expected to grow from 488,000 jobs left open today to as many as 2.4 million through 2028, as a wave of skilled engineers and engineering technologists begin to retire. As one example, the US Department of Labor O-Net skills database indicates that 32% of industrial production manager positions will need to be replaced through 2024.

Other Ohio universities offer BSET degrees, including University of Cincinnati, Miami University, Ohio Northern University, and Cleveland State University. Even so, demand for graduates of such programs is strong enough to support an Ohio State BSET program. Based on research conducted by the Ohio Manufacturing Institute at Ohio State, manufacturers in Ohio and across the nation have expressed the need to hire or train workers with the appropriate knowledge and skills to fill thousands of new or vacant positions over the next decade. Given that manufacturers already report difficulty in finding plant managers and mid- to high-skilled technical workers, the skill deficit is expected only to worsen with the increase in need for those with digital skills. Analysis of the US Department of Labor O-NET skills data through 2024 reveals that workers performing these production occupations also need a high level of skill in operations monitoring and analysis, quality control, equipment selection and maintenance, troubleshooting, as well as a comparatively high command of physics and design.

Indicate whether the institution consulted with advisory groups, business and industry, or other
experts in the development of the proposed program. If so, briefly describe the involvement of
these groups in the development of the program.

According to results from industry focus groups, surveys, and individual consultations with manufacturing leaders conducted by OMI, the proposed BSET program will facilitate the growing need for business-oriented engineering leaders to run the factories of tomorrow. Consultants from the Ohio Manufacturers' Association and advisory committees from manufacturing companies collaborated in the development of this program. "For what we are looking for, it's not out there," said a Northwest Ohio manufacturer. "They haven't been developing that. The pipeline is too long and is just starting to get filled."

Based on their input, a task force was formed that included industry, academic, and curriculum experts, including a representative from the University Center for the Advancement of Teaching (UCAT), now part of the The University Institute for Teaching and Learning (UITL); this task force spent 18 months developing the BSET program goals, outcomes, and proficiencies, creating the initial curriculum. In September 2018, the program was vetted by a focus group of manufacturers located in the North Central Ohio region.

 Indicate whether the proposed program was developed to align with the standards of a specialized or programmatic accreditation agency. If so, indicate whether the institution plans to pursue programmatic/specialized accreditation for the proposed program and provide a timeline for achieving such accreditation. If the program is already accredited, indicate the date that accreditation was achieved and provide information on the next required review.

The proposed BSET is designed to meet the program educational outcomes for accreditation from ABET, and more specifically from the Engineering Technology Accreditation Commission (ETAC) of ABET. Accreditation will be assessed once students have graduated, in keeping with ABET accreditation protocol. As such, the proposed program's educational outcomes are aligned with the following ABET outcomes for baccalaureate degree programs:

- (1) an ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline;
- (2) an ability to design systems, components, or processes meeting specified needs for broadlydefined engineering problems appropriate to the discipline;
- (3) an ability to apply written, oral, and graphical communication in broadly defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
- (4) an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes; and
- (5) an ability to function effectively as a member as well as a leader on technical teams.

The proposed manufacturing engineering BSET program will include instruction on the following: (a) materials and manufacturing processes; (b) product design process, tooling, and assembly; (c) manufacturing systems, automation, and operations; (d) statistics, quality and continuous improvement, and industrial organization and management; and (e) capstone or integrating experience that develops and illustrates student competencies in applying both technical and non-technical skills in successfully solving manufacturing problems.

Further in keeping with ABET guidelines, the discipline-specific content of the curriculum focuses on the applied aspects of science and engineering and will:

(a) Represent at least one-third of the total credit hours for the curriculum but no more than two-thirds of the total credit hours for the curriculum;

(b) Include a technical core preparing students for the increasingly complex technical specialties later in the curriculum;

(c) Develop student competency in the discipline;

(d) Include design considerations appropriate to the discipline and degree level such as: industry and engineering standards and codes; public safety and health; and local and global impact of engineering solutions on individuals, organizations and society; and

(e) Include topics related to professional responsibilities, ethical responsibilities, respect for diversity, and quality and continuous improvement.

With substantial help and guidance from the University Center for the Advancement of Teaching (UCAT), now UITL, the full analysis of the proposed BSET program's learning goals, outcomes, and proficiencies has been completed and mapped to the proposed courses using UCAT's curriculum design process. Additionally, a task force team of faculty, staff, and industry experts worked closely with a UCAT instructional designer to align the curriculum goals to the courses. The program goals are as follows:

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- 1. **Systems Thinking and Problem Solving:** The successful student will be able to effectively solve problems by applying the appropriate engineering technologies, tools and techniques within systems of equipment, controls and people.
- 2. **Professional Skills/Communication:** The successful student will be able to demonstrate, appreciate, and master interpersonal communications skills in the modern workplace.
- 3. **Business:** The successful student will be able to understand business terminology, analyze the value of alternatives, and communicate their business, societal and global impacts effectively.
- Continuous Improvement: The successful student will be able to optimize processes and systems with respect to quality, timeliness, and continuous improvement.

Please see the Appendix for a complete list of the Expected Goals, Outcomes, and Proficiencies for the BSET, which are aligned with the following curriculum outline. Because of the unique nature of this program, which derives from its emphasis on integrating training in hands-on skills and applications along with instruction in theory, almost all of the courses in the curriculum shown below are new to Ohio State.

#### 4.3 Collaboration with other Ohio institutions

• Indicate whether any USO institutions within a thirty-mile radius of your institution offers the proposed program. If so, list the institutions that offer the proposed program and provide a rationale for offering an additional program at this site.

No other USO institutions within a thirty-mile radius offer the proposed program. Ohio Northern University near the Lima regional campus offers a bachelor of applied science manufacturing technology degree with a concentration in robotics and management. The bachelor of applied science degree at North Central State is still in the development process.

• Indicate whether the proposed program was developed in collaboration with another institution in Ohio. If so, briefly describe the involvement of each institution in the development of this request and the delivery of the program.

Cooperative arrangements with other institutions and organizations will be used to offer this program, including community and technical colleges, career and technical training centers, and manufacturing companies. These partnerships will focus on the use of laboratory and technical training equipment as well as curriculum development. While no articulation arrangement with other institutions will be in effect initially for this program, specific arrangements may be developed in the future.

## SECTION 5: STUDENT SERVICES

#### 5.1 Admissions policies and procedures

• Describe the admissions requirements for the program. In your response, highlight any differences between the admission requirements for the program and for the institution as a whole.

Students must be admitted to The Ohio State University as undergraduates in order to be admitted into the BSET program. Such students will be admitted into the program according to the same protocols by which students are currently admitted to other major programs at Ohio State that do not require a

competitive application process. If student demand exceeds capacity, then initially admission will be limited by course-by-course enrollment caps on a first-come, first-served basis. If demand continues to exceed capacity, then an application process will be developed using similar criteria to those used by other competitive majors at Ohio State.

- Describe the transfer credit policies for the proposed program, including the use of credit transfer review committees and the maximum number of hours that can be transferred into the program. In your response, specifically address the credit that may be transferred
  - according to the Department of Higher Education' Transfer Assurance Guide (TAG) and Career Technical Credit Transfer (CT<sup>2</sup>) initiatives; and
  - other types of transfer credit awarded toward major program requirements (e.g., AP, life experience, CLEP, portfolio, etc.).

#### 5.2 Student administrative services

 Indicate whether the student administrative services (e.g., admissions, financial aid, registrar, etc.) currently available at the institution are adequate to support the program. If new or expanded services will be needed, describe the need and provide a timeline for acquiring/implementing such services.

#### 5.3 Student academic services

 Indicate whether the student academic services (e.g., career services, counseling, tutoring, ADA, etc.) currently available at the institution are adequate to support the program. If new or expanded services will be needed, describe the need and provide a timeline for acquiring/implementing such services.

Existing student services on the regional campuses will meet all initial needs of the program because all regional campuses currently provide academic advising, tutoring, career services, internship coordination, disabilities services, and mental health services. If enrollments increase beyond the capacity of existing services on a given campus, then that campus will be responsible for expanding its services appropriately.

## **SECTION 6: CURRICULUM**

#### 6.1 Introduction

Provide a brief description of the proposed program as it would appear in the institution's catalog.

The Bachelor of Science in Engineering Technology (BSET) trains students to use a systems approach to integrate knowledge and skills in manufacturing methods, electrical controls and automation, and process improvement in order to support emerging technical needs and manage business objectives in industry.

#### 6.2 Program goals and objectives

• Describe the goals and objectives of the proposed program. In your response, indicate how these are operationalized in the curriculum.

This new four-year engineering degree program combines aspects of several traditional engineering majors that are most relevant to the current and future challenges faced by manufacturing firms. Engineers working in manufacturing plants today increasingly need to possess a broad, applied skill set that includes electrical, mechanical, and industrial engineering training, because manufacturing technologies frequently combine core elements of these various disciplines in synergistic ways. Engineers in manufacturing also need management skills. The BSET program will be highly technical, giving students hands-on knowledge and expertise in multiple disciplines so that graduates will be able to support the needs of manufacturers in leadership roles. It will prepare students to use systems-based approaches to engage effectively in problem solving within complex, fast-paced manufacturing plants.

#### 6.3 Course offerings/descriptions

• Complete the following table to indicate the courses that comprise the program. Please list courses in groups by type (e.g., major/core/technical, general education, elective) and indicate if they are new or existing courses.

| Course<br>(name/number)                                       | No.<br>of<br>credit<br>hours<br>(q/s) | Major/<br>Core/<br>Technical | General<br>Education | Elective | OTM, TAG<br>or<br>CT <sup>2</sup><br>equivalent<br>course | New/Existing<br>Course |
|---|---------------------------------------|------------------------------|----------------------|----------|---|------------------------|
| ENGRTEC 1000:<br>Graphical Design                             | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1100:<br>Manufacturing<br>Processes 1                 | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1200:<br>Foundations of<br>Engineering<br>Technology  | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1300:<br>Applied Science<br>(Physics) 1               | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1400:<br>Math - Applied<br>Technical Math 1           | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1500:<br>Communication &<br>Professional Skills 1     | 3s                                    |                              | х                    |          |   | New                    |
| ENGRTEC 1600:<br>Math - Applied<br>Technical Math 2           | 3s                                    | х                            |                      |          |   | New                    |
| ENGRTEC 1700:<br>Applied Science 2<br>(Physics 2 Electricity) | 4s                                    | х                            |                      |          |   | New                    |

| ENGRTEC 1800:<br>Electrical Circuits 1  | 3s | х |   |  | New      |
|---|----|---|---|--|----------|
| ENGRTEC 1900:<br>Electrical Applications<br>and Design  | 3s | х |   |  | New      |
| ENGRTEC 2000:<br>Engineering Material<br>Science with<br>Applications                               | 3s | х |   |  | New      |
| CSE 2112:<br>Modeling and Problem<br>Solving with<br>Spreadsheets and<br>Databases for<br>Engineers | 3s | x |   |  | Existing |
| ENGRTEC 2100:<br>Manufacturing<br>Processes 2   | 3s | х |   |  | New      |
| ENGRTEC 2200:<br>Project management   | 3s | х |   |  | New      |
| ENGRTEC 2300:<br>Statistics for<br>Engineering Tech   | 3s | х |   |  | New      |
| ENGRTEC 2400:<br>Industrial Controls and<br>Automation - PLC<br>Programming 1                       | 3s | x |   |  | New      |
| ENGRTEC 2500:<br>Business Tools for<br>Engineering<br>Technology                                    | 3s | х |   |  | New      |
| ENGRTEC 2600:<br>Case Study in<br>Engineering<br>Technology - Ethics,<br>Diversity, Safety          | 3s |   | x |  | New      |
| ENGRTEC 3000:<br>Data Collection and<br>Analysis for Quality  | 3s | х |   |  | New      |
| ENGRTEC 3100:<br>Problem Solving &<br>Troubleshooting<br>(Kempner Trego)                            | 3s | х |   |  | New      |
| ENGRTEC 3200:<br>Industrial Controls and<br>Automation - PLC<br>Programming 2 Analog                | 3s | х |   |  | New      |

| ENCREEC 2200                   |    |   | 1 |   |   |        |
|--------------------------------|----|---|---|---|---|--------|
| ENGRTEC 3300:                  |    |   |   |   |   |        |
| Mechanical Processes           | -  |   |   |   |   |        |
| Hydraulics/Pneumatics          | 3s | х |   |   |   | New    |
| and Mechanical                 |    |   |   |   |   |        |
| Systems                        |    |   |   |   |   |        |
| ENGRTEC 3400:                  |    |   |   |   |   |        |
| Lean/Six Sigma - Tools         | 3s | х |   |   |   | New    |
| and Applications               |    |   |   |   |   |        |
| ENGRTEC 3500:                  |    |   |   |   |   |        |
| Programming C++ or             | 3s | х |   |   |   | New    |
| other                          |    |   |   |   |   |        |
| ENGRTEC 3600:                  |    |   |   |   |   |        |
| Robotics operation             | 3s | х |   |   |   | New    |
| and control                    |    |   |   |   |   |        |
| ENGRTEC 3700:                  |    |   |   |   |   |        |
| Facility Layout and            | 3s | х |   |   |   | New    |
| Work Measurement               |    |   |   |   |   |        |
| ENGRTEC 2367:                  |    |   |   |   |   |        |
| Writing II with focus          |    |   |   |   |   |        |
| on Technical                   | 3s |   | х |   |   | New    |
| Communications                 |    |   |   |   |   |        |
| ENGRTEC 4000:                  |    |   |   |   |   |        |
| Operations                     |    |   |   |   |   |        |
| management -                   | 3s | x |   |   |   | New    |
| -                              | 22 | ^ |   |   |   | New    |
| Reliability &                  |    |   |   |   |   |        |
| Sustainability                 |    |   |   |   |   |        |
| ENGRTEC 4100:                  | 2  |   |   |   |   |        |
| Industrial Safety &            | 3s | Х |   |   |   | New    |
| Risk assessment                |    |   |   |   |   |        |
| ENGRTEC 4200:                  | 3s | х |   |   |   | New    |
| Capstone 1                     |    |   |   |   |   | _      |
| ENGRTEC 4300:                  |    |   |   |   |   |        |
| Leadership and                 | 3s | Х |   |   |   | New    |
| Change management              |    |   |   |   |   |        |
| ENGRTEC 4400:                  | 3s | x |   |   |   | New    |
| Capstone 2                     | 55 | ^ |   |   |   | 110000 |
| ENGRTEC 4500:                  | 3s |   |   | x |   | New    |
| Technical Elective             | 35 |   |   | ^ |   | INCW   |
| ENGRTEC 4600:                  |    |   |   |   |   |        |
| <b>Electrical Applications</b> | 3s | Х |   |   |   | New    |
| in Industry                    |    |   |   |   |   |        |
| ENGRTEC 4700:                  |    |   |   |   |   |        |
| Manufacturing                  | 3s | х |   |   |   | New    |
| Process Design Studio          |    |   |   |   |   |        |
|                                | 1  | 1 | 1 | 1 | 1 |        |

Provide a brief description of each course in the proposed program as it would appear in the course catalog. In your response, include the name and number of the course. **Submit course syllabi as appendix items.** 

| ENGRTEC 1000:   | Introduces engineering graphics and fundamentals of computer-aided design using   |
|---|---|
| Graphical Design  | the interactive software package AutoCAD/Autodesk Inventor on a personal<br>computer. Technical sketching and shape description, orthographic projection theory,<br>multi-view drawings, necessary views, sectional views, working and shop drawings,<br>dimensioning practices, tolerancing, thread and fastener representation and<br>nomenclature, assembly and detail drawings.   |
| ENGRTEC 1100:<br>Manufacturing<br>Processes 1   | Application of metal-cutting theory using single- and multiple-point cutting tools, basic metal removal process of tool room and production machines. Experience on conventional milling machines, shapers, lathes, surface grinders, and drill presses. Three hours of laboratory a week.  |
| ENGRTEC 1200:<br>Foundations of<br>Engineering<br>Technology  | Introduces Engineering Technology students to resources and skills that will help them<br>to be successful in their studies and ultimately in their careers. The skills needed to<br>define and solve technical problems in engineering technology are developed.<br>Instruction is given in analytical and computational problem-solving techniques.<br>Application of software for analysis and communication is emphasized. Teamwork,<br>global and societal concerns, and professional ethics are integrated into course<br>projects. |
| ENGRTEC 1300:<br>Applied Science<br>(Physics 1)   | Mechanics - Newton first law, Free Body Diagrams. Algebra based physics with Lab applications aligned within an applied engineering context.  |
| ENGRTEC 1400:<br>Math - Applied<br>Technical Math 1   | Review of Advanced Algebra, Trig, and Derivative Calculus as applied in engineering technology. Objective is to teach and demonstrate math as applied in engineering applications.  |
| ENGRTEC 1500:<br>Communication &<br>Professional Skills 1   | Teamwork, Resume Writing, Communication skills aligned to the audience's objectives.  |
| ENGRTEC 1600:<br>Math - Applied<br>Technical Math 2   | Applied Derivative and Integral Calculus focusing on applications in an engineering<br>context.   |
| ENGRTEC 1700:<br>Applied Science 2<br>(Physics 2 - Electricity)                                     | Physics 2 - Electricity Theory and Concepts. Algebra based physics with Lab applications aligned with Engineering.  |
| ENGRTEC 1800:<br>Electrical Circuits 1  | Circuit Analysis, Devices, Electricity and Magnetism.   |
| ENGRTEC 1900:<br>Electrical Applications<br>and Design  | Hands on course for the design, building, and testing of electrical circuits for common applications.   |
| ENGRTEC 2000:<br>Engineering Material<br>Science with<br>Applications                               | Basics of engineering materials, metals, polymers, and characteristics of stress, strain,<br>hardness, brittleness, corrosion impacts. Study of tests used to characterize properties<br>of materials and how material properties influence their use and design for<br>engineering applications. Testing procedures demonstrations will be included.   |
| CSE 2112:<br>Modeling and Problem<br>Solving with<br>Spreadsheets and<br>Databases for<br>Engineers | Spreadsheet and database modeling/programming concepts and techniques to solve<br>business and engineering related problems; efficient/effective data handling,<br>computational analysis and decision support.   |

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| ENGRTEC 2100:   | Advanced Manufacturing - Additive Manufacturing with design applications blending  |
|---|--|
| Manufacturing   | the blending CAD design with CAM and applications.   |
| Processes 2   |  |
| ENGRTEC 2200:<br>Project management                   | Project management - Stages of Project - Scoping, Evaluating (Cost, Benefit, Schedule),<br>Scheduling (MS Project) CPM, PERT, Crashing. Provides an overview of the roles,<br>responsibilities, and management methods of technology in project management.<br>Emphasizes scheduling of various projects, monitoring, control and learning from<br>projects. Three interrelated objectives of budget, schedule, and specifications are also  |
|   | introduced. The course assumes no prior knowledge in management techniques and is intended to teach students how to develop approaches and styles of management for service and manufacturing industry projects.   |
| ENGRTEC 2300:   | Applied statistics with emphasis on Quality methods, material testing and variability,   |
| Statistics for  | and interpretation of results.   |
| Engineering   |  |
| Technology  |  |
| ENGRTEC 2400:   | Introduces the fundamentals of programmable logic controllers, and PLC application in  |
| Industrial Controls and                               | process control. The course includes both lecture and laboratory aimed at applying   |
| Automation - PLC                                      | fundamental principles to practical projects. The emphasis is on the basics of ladder  |
| Programming 1   | logic, including timers, counters, and program control.  |
| ENGRTEC 2500:   | Financial Accounting (Income Statement, Balance Sheet) Cost Accounting (Cost -   |
| Business Tools for                                    | Variable, Fixed, Manufacturing) ROI/NPV, Cost/Benefit Analysis with emphasis on  |
| Engineering   | communication of business cases.   |
| Technology  | · · · · · · · · · · · · · · · · · · ·  |
| ENGRTEC 2600:   | Development of techniques of moral analysis and their application to ethical problems  |
| Case Study in   | encountered by engineers, such as professional employee rights and whistle blowing;  |
| Engineering   | environmental issues; ethical aspects of safety, risk and liability and conflicts of   |
| Technology - Ethics,                                  | interest; emphasis on developing the capacity for independent ethical analysis of real   |
| Diversity, Safety<br>ENGRTEC 3000:                    | and hypothetical cases.  |
| Data Collection and<br>Analysis for Quality           | A study of the techniques used to collect, organize and analyze information which can<br>be used in making decisions regarding quality. The course reviews statistics and then<br>develops such topics as process capability, process control, acceptance sampling and<br>reliability. The scope of quality will be expanded to include such topics as reliability,<br>quality costs, product liability and quality systems. The laboratory sessions will provide<br>the student with the opportunity to apply the principles developed in the classroom<br>through the use of computer examples and "hands-on" exercises. |
| ENGRTEC 3100:<br>Problem Solving &<br>Troubleshooting | Fundamental principles of problem solving including: Analytical Troubleshooting, Root<br>Cause Analysis, 5 Why, Pareto.  |
| (Kempner Trego)                                       | Fundamentals of real time closed lean analog and digital control (the propertional   |
| ENGRTEC 3200:<br>Industrial Controls and              | Fundamentals of real-time closed-loop analog and digital control (the proportional,  |
| Automation - PLC                                      | integral and derivative controller); distributed control systems, sensors, electronics,  |
| Programming 2 Analog                                  | stepper and servo motors; design an autonomous vehicle; open industrial networks.  |
| ENGRTEC 3300:   | Fundamentals and applications of Mechanical Systems including Cams, Gears,   |
| Mechanical Processes                                  | Pneumatics, Hydraulics.  |
| Hydraulics/Pneumatics<br>and Mechanical<br>Systems    | rieumatics, nyurauits.   |
| ENGRTEC 3400:   | A study of the concept of Lean Production applied to the manufacturing sector. The   |
| Lean/Six Sigma - Tools<br>and Applications            | course covers the fundamental concepts and philosophy of lean used to achieve operational excellence. Lean concepts such as waste reduction, one-piece flow, pull  |
|   | systems, continuous improvement, development of personnel into leaders. Lean   |
|   | systems, continuous improvement, development or personner into leddels. Ledi   |

|                         | · · · · · · · · · · · · · · · · · · ·  |
|-------------------------|--|
|                         | concepts/tools covered will include kaizen, value stream mapping, work                   |
|                         | standardization, kanban, 5S, 5 why, A3 report, just in time (JIT), and takt time.        |
| ENGRTEC 3500:           | Software for application in industrial controls & automation and robotics.               |
| Programming C++ or      |  |
| other                   |  |
| ENGRTEC 3600:           | Covers robot configuration; components, actuators, and sensors; vision; and control,     |
| Robotics operation      | performance, and programming. Includes lectures and laboratory.                          |
| and control             |  |
| ENGRTEC 3700:           | Facility Layout considering throughput, Line Balancing, Work Measurement - Takt          |
| Facility Layout and     | Time, OEE/Efficiency, System Analysis. Design of manufacturing and service facilities    |
| Work Measurement        | for the most efficient flow of raw materials, work-in-process, and completed stock       |
|                         | through a work place. Facilities layout, material handling, and warehousing in relation  |
|                         | to trends toward reduced inventory, smaller lot sizes, and just-in-time.                 |
| ENGRTEC 2367:           | Technical writing with applications including: project documents (scope, bid,            |
| Writing II with focus   | reporting, analysis), failure reporting, and descriptions of operations (SOP). Emphasis  |
| on Technical            | includes simplicity, visual appeal, and messaging effectiveness to the audience.         |
| Communications          |  |
| ENGRTEC 4000:           | A study of the organization of the production system as well as the techniques used to   |
| Operations              | control its operation. Topics covered include production planning, plant layout,         |
| management &            | inventory control, job sequencing, and operation scheduling. Reliability - RCM,          |
| Reliability &           | Predictive Maintenance - Lubrication- Oil Analysis, Vibration Analysis, Maintenance      |
| Sustainability          | Work Force, PMs  |
| ENGRTEC 4100:           | Application of safety techniques and principles to identify and correct unsafe           |
| Industrial Safety &     | situations and practices. Study of system safety, failure modes and effects analysis,    |
| Risk assessment         | fault tree analysis, preliminary hazard analysis, hazardous materials and practices,     |
|                         | OSHA, health and personal protection.  |
| ENGRTEC 4200:           | Participation in an approved high-impact learning practice; reflection on professional   |
| Capstone 1              | outcomes; documentation and self-assessment of learning experience at mid-               |
|                         | curriculum point.  |
| ENGRTEC 4300:           | Techniques to implement and optimize project-driven change; communication and            |
| Leadership and          | leadership strategies critical to successful optimization of a firm's processes and      |
| Change management       | systems.   |
| ENGRTEC 4400:           | Participation in an approved high-impact learning practice; reflection on professional   |
| Capstone 2              | outcomes; documentation and self-assessment of learning experience at mid-               |
|                         | curriculum point.  |
| ENGRTEC 4500:           | Options include: Human Factors/Ergonomic/Cognitive, Design, Simulation.                  |
| Technical Elective      |  |
| ENGRTEC 4600:           | Power Distribution in Manufacturing applications including Med Voltage, Breakers,        |
| Electrical Applications | Transformers, Electrical Safety. Low voltage application will include Control Networks   |
| in Industry             |  |
| ENGRTEC 4700:           | Design manufacturing process, build a small scale, and operate it on a small scale, then |
| Manufacturing           | evaluate requirements for scale up.  |
| Process Design Studio   |  |

#### 6.4 Program sequence

|      | Autumn Semester                              | Spring Semester |  |     |  |
|------|--|-----------------|--|-----|--|
| Year | Class  | Hrs             | Class  | Hrs |  |
|      | Graphical Design                             | 3               | GE 1: Communications and Professional Skills         | 3   |  |
|      | Manufacturing Processes 1                    | 3               | Applied Technical Math 2                             | 3   |  |
| 1    | Foundations of Engineering Technology        | 4               | Applied Physics 2                                    | 3   |  |
| _    | Applied Physics 1                            | 3               | Electrical Circuits 1                                | 3   |  |
|      | Applied Technical Math 1                     | 3               | Electrical Applications and Design                   | 4   |  |
|      | Engineering Material Science w/ Applications | 3               | Statistics with Applications                         | 3   |  |
|      | Computer Apps. for Eng. Tech. (CSE2112)      | 3               | Industrial Controls and Automation (PLC1)            | 3   |  |
| 2    | Manufacturing Processes 2                    | 3               | Business Tools for Engineering Tech (ISE2040)        | 3   |  |
|      | Project Management for Eng. Tech (ISE3800)   | 3               | GE3: Case Studies in Eng. Tech. / Engineering Ethics | 3   |  |
|      | General Education 2                          | 3               | General Education 4                                  | 3   |  |
|      | Data Collection and Analysis for Quality     | 3               | Lean Six Sigma - Tools and Applications              | 3   |  |
|      | Problem Solving and Troubleshooting          | 3               | Programming - C++                                    | 3   |  |
| 3    | Industrial Controls and Automation (PLC2)    | 3               | Robotics - Operation and Control                     | 3   |  |
|      | Mech. Processes (Hyd./Pneum./Gears/Cams)     | 3               | Facility Layout and Work Measurement                 | 3   |  |
|      | General Education 5                          | 3               | GE 6: Technical Writing 2                            | 3   |  |
|      | Capstone 1                                   | 3               | Capstone 2   | 3   |  |
|      | Operations Mgmt-Reliability & Sustainability | 3               | Technical Elective                                   | 3   |  |
| 4    | Industrial Safety and Risk                   | 3               | Electrical Application in Industry                   | 3   |  |
|      | Leadership and Change Mgmt. (ISE5800)        | 3               | Manufacturing Process Design Studio                  | 3   |  |
|      | General Education 7                          | 3               | General Education 8                                  | 3   |  |

#### 6.5 Alternative delivery options (please check all that apply):

More than 50% of the program will be offered using a fully online delivery model
 X More than 50% of the program will be offered using a hybrid/blended delivery model
 More than 50% of the program will be offered using a flexible or accelerated delivery model

For the purposes of this document, the following definitions are used:

- an **online course** is one in which most (80+%) of the content is delivered online, typically without face-to-face meetings;
- a hybrid/blended course is one that blends online and face-to-face delivery, with substantial content delivered online;
- a flexible or accelerated program includes courses that do not meet during the institution's regular academic term as well as courses that meet during the regular academic term but are

offered in a substantially different manner than a fixed number of meeting times per week for all the weeks of the term.

#### 6.5 Off-site program components (please check all that apply):

X Co-op/Internship/Externship Field Placement Student Teaching Clinical Practicum Other

## SECTION 7: ASSESSMENT AND EVALUATION

#### 7.1 Program assessment

- Describe the policies and procedures in place to assess and evaluate the proposed program. In your response, include the following:
  - Name of the unit/position responsible for directing assessment efforts;
  - Description of any committees or groups that assist the unit;
  - Description of the measurements used;
  - Frequency of data collection;
  - Frequency of data sharing; and
  - How the results are used to inform the institution and the program.

The regional campuses offering the BSET (initially Lima, Mansfield, and Marion) will be responsible for directing program assessment. Specifically, the BSET Program Coordinator will work with the associate dean of each campus and the Chair of the BSET Curricular Development and Assessment Committee (BSET CDAC) to create an assessment plan in accordance with ABET's Engineering Technology Accreditation Committee (ETAC) assessment and accreditation guidelines. This plan will include a commitment to biannual recommendations to develop curricular and co-curricular improvements to the program based on the assessment data. The ABET ETAC assessment guidelines will be incorporated into the structure of the program on a course-by-course as well as programmatic basis.

#### 7.2 Measuring student success

- Describe the policies and procedures in place to measure individual student success in the proposed program. In your response, include the following:
  - Name of the unit/position responsible for directing these efforts;
  - Description of any committees or groups that assist the unit;
  - Description of the measurements used;
  - Frequency of data collection;
  - Frequency of data sharing;
  - How the results are used to inform the student as they progress through the program; and
  - Initiatives used to track student success after program completion.

The regional campuses offering the BSET (initially Lima, Mansfield, and Marion) will be responsible for measuring student success. Specifically, student success data will be reviewed annually by the BSET Program Coordinator, the BSET Curricular Development and Assessment Committee (BSET CDAC), and the BSET faculty. Such data will include the mean GPA of BSET majors, grade distributions in introductory-level courses, retention and graduation rates for students who start the first-year BSET curriculum, Student Evaluation of Instruction data for BSET courses, and internship and job placements. Annual student success data reviews will guide potential improvements to the program.

## **SECTION 8: FACULTY**

#### 8.1 Faculty appointment policies

• Describe the faculty designations available (e.g., professor, associate professor, adjunct, instructor, clinical, etc.) for the proposed program's faculty. In your response, define/describe the differences between the designations.

BSET faculty may be clinical faculty (clinical assistant professor of practice, clinical associate professor of practice, or clinical professor of practice) or adjunct faculty (lecturer or senior lecturer). Clinical faculty are not required to conduct research and may not participate in tenure-track promotion & tenure decisions but do participate in faculty governance, including serving on faculty committees on their home campus and possibly also in their home department on the Columbus campus. In the case of regional clinical faculty, their service duties are evaluated annually by their home campus. Adjunct faculty are not required to conduct research or service activities.

 Describe the credentialing requirements for faculty who will be teaching in the program (e.g., degree requirements, special certifications or licenses, experience, etc.).

The preferred qualification for BSET clinical faculty will be an earned Ph.D. or terminal degree in a relevant branch of engineering or a closely related field. Adjunct faculty must hold at least a master's degree in a relevant branch of engineering or a closely related field.

• Describe the institution's load/overload policy for faculty teaching in the proposed program.

BSET clinical faculty will teach 21 credit hours per academic year; adjunct faculty will teach 24 credit hours per academic year.

 Indicate whether the institution will need to identify additional faculty to begin the proposed program. If additional faculty members are needed, describe the appointment process and provide a timeline for hiring such individuals.

New faculty will be hired to begin the proposed BSET program. One new faculty member will be hired starting in Autumn Semester 2019 in order to work with current regional campus engineering faculty and others to help launch the program, which will begin accepting first-year students in Autumn Semester 2020. Additional new faculty will be hired to start in Autumn Semester 2020 and beyond. New faculty members will be hired by individual regional campuses. The relevant College of Engineering department will typically appoint one Columbus faculty member to serve on the search committees as its representative, often participating only in the final stages of the search (e.g., helping to vet the top

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candidates). Finalists for the position will be interviewed on both the regional and Columbus campuses, and any offer will require the signature of both the regional campus dean and the relevant Engineering department chair.

#### 8.2 Program faculty

• Provide the number of existing faculty members available to teach in the proposed program.

Full-time: 5 Engineering faculty (1 at Lima, 1 at Mansfield, and 3 at Marion); 3 Physics faculty; 3+ Math & Statistics faculty Less than full-time:

• Provide an estimate of the number of <u>faculty members to be added</u> during the first two years of program operation.

Full-time: 1-3 per campus Less than full-time:

#### 8.3 Expectations for professional development/scholarship

 Describe the institution's general expectations for professional development/scholarship activities by the proposed program's faculty. In your response, describe any differences in the expectations for tenure-track vs. non tenure-track faculty and for full-time vs. part-time faculty. Indicate the financial support provided for such activities. Include a faculty handbook outlining the expectations and documenting support as an appendix item.

Clinical and adjunct faculty are not required to conduct research. Clinical faculty have access to noncompetitive and competitive funds for professional development; adjunct faculty have access to more limited funding for professional development. An example faculty handbook (for the Mansfield campus) is available online at <u>https://mansfield.osu.edu/faculty-and-staff-handbook/</u>

## 8.4 Faculty matrix

Complete a faculty matrix for the proposed program. A faculty member must be identified for
each course that is a required component of the curriculum. If a faculty member has not yet
been identified for a course, indicate that as an "open position" and describe the necessary
qualifications in the matrix (as shown in the example below). A copy of each faculty member's
CV must be included as an appendix item.

| Name of<br>Instructor | Rank or<br>Title                                  | Full-<br>Time<br>or<br>Part-<br>Time | Degree Titles,<br>Institution,<br>Year<br>Include the<br>Discipline/Field<br>as Listed on the<br>Diploma | Years of<br>Teaching<br>Experience<br>In the<br>Discipline/<br>Field | Additional<br>Expertise in<br>the<br>Discipline/<br>Field<br>(e.g.,<br>licenses,<br>certifications<br>, if<br>applicable) | Title of the<br>Course(s)<br>This Individual<br>Will<br>Teach in the<br>Proposed<br>Program<br>Include the<br>course prefix<br>and number  | Number<br>of<br>Courses<br>this<br>Individual<br>will<br>Teach Per<br>Year at<br><u>All</u><br>Campus<br>Locations |
|-----------------------|---|--------------------------------------|--|--|---|--|--|
| open<br>position      | Clinical<br>Assistant<br>Professor<br>of Practice | FT                                   | Ph.D. or<br>terminal degree,<br>Engineering  | 1  |   | ENGRTEC 1000:<br>Graphical<br>Design; CSE<br>2112:<br>Modeling and<br>Problem Solving<br>with<br>Spreadsheets<br>and Databases<br>for Engineers;<br>ENGRTEC 2400:<br>Industrial<br>Controls and<br>Automation -<br>PLC<br>Programming 1;<br>ENGRTEC 3200:<br>Industrial<br>Controls and<br>Automation -<br>PLC<br>Programming 2<br>Analog;<br>ENGRTEC 3500:<br>Programming<br>C++ or other | 5 BSET<br>courses  |

The following matrix shows only the Mansfield campus as a representative example. Some of the courses listed below may be taught in partnership with faculty from other regional OSU campuses.

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|          | Clinical    |    | Ph.D. or         |   | ENGRTEC 1100:      |         |
|----------|-------------|----|------------------|---|--------------------|---------|
|          | Assistant   |    | terminal degree, | 1 | Manufacturing      | 6 BSET  |
|          | Professor   |    | Engineering      | Ť | Processes 1;       | courses |
|          | of Practice |    | Linginieering    |   | ENGRTEC 2100:      | courses |
|          | OFFICE      |    |                  |   | Manufacturing      |         |
|          |             |    |                  |   | -                  |         |
|          |             |    |                  |   | Processes 2;       |         |
|          |             |    |                  |   | ENGRTEC 3100:      |         |
|          |             |    |                  |   | Problem Solving    |         |
|          |             |    |                  |   | &                  |         |
|          |             |    |                  |   | Troubleshooting    |         |
|          |             |    |                  |   | (Kempner           |         |
|          |             |    |                  |   | Trego);            |         |
| open     |             |    |                  |   | ENGRTEC 3300:      |         |
| position |             | FT |                  |   | Mechanical         |         |
| position |             |    |                  |   | Processes          |         |
| 1        |             |    |                  |   | Hydraulics/Pneu    |         |
|          |             |    |                  |   | matics and         |         |
|          |             |    |                  |   | Mechanical         |         |
|          |             |    |                  |   | Systems;           |         |
|          |             |    |                  |   | ENGRTEC 4700:      |         |
|          |             |    |                  |   | Manufacturing      |         |
|          |             |    |                  |   | Process Design     |         |
|          |             |    |                  |   | Studio:            |         |
|          |             |    |                  |   | ENGRTEC 4100:      |         |
|          |             |    |                  |   | Industrial Safety  |         |
|          |             |    |                  |   | & Risk             |         |
|          |             |    |                  |   | assessment         |         |
|          | Clinical    |    | Ph.D. or         |   | ENGRTEC 1800:      |         |
|          | Assistant   |    | terminal degree, | 1 | Electrical         | 6 BSET  |
|          | Professor   |    | Engineering      |   | Circuits 1;        | courses |
|          | of Practice |    |                  |   | ENGRTEC 1900:      |         |
|          |             |    |                  |   | Electrical         |         |
|          |             |    |                  |   | Applications       |         |
|          |             |    |                  |   | and Design;        |         |
|          |             |    |                  |   | ENGRTEC 3600:      |         |
|          |             |    |                  |   | Robotics           |         |
| open     |             |    |                  |   | operation and      |         |
| position |             | FT |                  |   | control;           |         |
| ·        |             |    |                  |   | ENGRTEC 4600:      |         |
| 1        |             |    |                  |   | Electrical         |         |
| 1        |             |    |                  |   | Applications in    |         |
| 1        |             |    |                  |   | Industry;          |         |
| 1        |             |    |                  |   | ENGRTEC 2600:      |         |
|          |             |    |                  |   | Case Study in      |         |
|          |             |    |                  |   | Engineering        |         |
|          |             |    |                  |   | Technology -       |         |
|          |             |    |                  |   | Ethics, Diversity, |         |
|          |             |    |                  |   | Lunics, Diversity, |         |

|                  |   |    |   |    | Safety;<br>ENGRTEC 4300:<br>Leadership and<br>Change<br>management  |                   |
|------------------|---|----|---|----|---|-------------------|
| open<br>position | Clinical<br>Assistant<br>Professor<br>of Practice | FT | Ph.D. or<br>terminal degree,<br>Engineering   | 1  | ENGRTEC 2200:<br>Project<br>management;<br>ENGRTEC 3000:<br>Data Collection<br>and Analysis for<br>Quality;<br>ENGRTEC 2500:<br>Business Tools<br>for Engineering<br>Technology;<br>ENGRTEC 3400:<br>Lean/Six Sigma -<br>Tools and<br>Applications;<br>ENGRTEC 4000:<br>Operations<br>management -<br>Reliability &<br>Sustainability;<br>ENGRTEC 3700:<br>Facility Layout<br>and Work<br>Measurement | 6 BSET<br>courses |
| Mirel<br>Caibar  | Associate<br>Professor                            | FT | Ph.D., University<br>of Warwick,<br>1999:<br>Mathematics  | 17 | ENGRTEC 1400:<br>Math - Applied<br>Technical Math<br>1; ENGRTEC<br>1600:<br>Math - Applied<br>Technical Math<br>2   | 2 BSET<br>courses |
| Wenfei Li        | Lecturer  | FT | Ph.D., The Ohio<br>State University,<br>2010:<br>Aeronautical &<br>Astronautical<br>Engineering | 10 | ENGRTEC 1200:<br>Foundations of<br>Engineering<br>Technology;<br>ENGRTEC 2000:<br>Engineering<br>Material<br>Science with<br>Applications;<br>ENGRTEC 4500:   | 5 BSET<br>courses |

|                        |                        |    |  |    | Technical<br>Elective;<br>ENGRTEC 4200:<br>Capstone 1;<br>ENGRTEC 4400:<br>Capstone 2  |                   |
|------------------------|------------------------|----|--|----|--|-------------------|
| William<br>Putikaa     | Professor              | FT | Ph.D., University<br>of Wisconsin,<br>1988: Physics  | 36 | ENGRTEC 1300:<br>Applied Science<br>(Physics) 1;<br>ENGRTEC 1700:<br>Applied Science<br>2 (Physics 2<br>Electricity)                             | 2 BSET<br>courses |
| Tena<br>Katsaouni<br>s | Lecturer               | FT | Ph.D., The Ohio<br>State University,<br>2006: Statistics   | 18 | ENGRTEC 2300:<br>Statistics for<br>Engineering<br>Tech   | 1 BSET<br>course  |
| Kelly<br>Whitney       | Assistant<br>Professor | FT | Ph.D., New<br>Mexico State<br>University,<br>2018: Rhetoric<br>and Professional<br>Communication | 9  | ENGRTEC 1500:<br>Communication<br>& Professional<br>Skills 1;<br>ENGRTEC 2367:<br>Writing II with<br>focus on<br>Technical<br>Communication<br>S | 2 BSET<br>courses |

## SECTION 9: LIBRARY RESOURCES AND INFORMATION LITERACY

## 9.1 Library resources

 Describe the involvement of a professional librarian in the planning for the program (e.g., determining adequacy of current resources, working with faculty to determine the need for additional resources, setting the budget for additional library resources/services needed for the program).

No professional librarian assisted in the planning for the BSET program, as most of the required resources are technical (e.g., engineering equipment and manufacturing machinery) or digital (computing resources).

• Describe the library resources in place to support the proposed program (e.g., print, digital, collections, consortia, memberships, etc.).

The Ohio State University Libraries have branch locations on each regional campus. For example, on the Mansfield campus, the Bromfield Library and Information Commons (BLIC) provides students, staff, and faculty with state-of-the-art information resources. The BLIC houses a basic collection of books and periodicals and provides access to materials through the statewide OhioLINK consortium. A courier brings materials from other Ohio State University libraries and from academic and public libraries across the state. The BLIC offers electronic access to a full range of online resources through Ohio State's libraries and the OhioLINK Consortium. The BLIC also houses multiple technological resources, including two computer classrooms, small-group study rooms with touch-screen computers, a media lab for creating audiovisual materials, and many individual computers available for student use.

Describe any additional library resources that will be needed to support the request and provide
a timeline for acquiring/implementing such services. Where possible, provide a list of the specific
resources that the institution intends to acquire, the collaborative arrangements it intends to
pursue, and monetary amounts the institution will dedicate to the library budget to support and
maintain the proposed program.

No additional library resources will be required.

#### 9.2 Information literacy

Describe the institution's intent to incorporate library orientation and/or information literacy
into the proposed program. In your response, describe any initiatives (e.g., seminars, workshops,
orientations, etc.) that the institution uses or intends to use for faculty and students in the
program.

Regional campus librarians offer information literacy workshops used regularly as part of many courses.

## SECTION 10: BUDGET, RESOURCES, AND FACILITIES

#### 10.1 Resources and facilities

Describe additional resources (e.g., classrooms, laboratories, technology, etc.) that will be needed to support the proposed program and provide a timeline for acquiring/implementing such resources.

The program costs outlined below will be borne by the regional campuses.

#### 10.2 Budget/financial planning

Complete the table on the following page to describe the financial plan/budget for the first four years of program operation.

| example  |           |           |           |           |
|--|-----------|-----------|-----------|-----------|
|  | Year 1    | Year 2    | Year 3    | Year 4    |
| I. Projected Enrollment  |           |           |           |           |
| Head-count full time   | 42        | 63        | 80        | 95        |
| Head-count part time   |           |           |           |           |
| Full Time Equivalent (FTE) enrollment  | 42        | 63        | 80        | 95        |
| II. Projected Program Income   |           |           |           |           |
| Tuition (paid by student or sponsor)   | \$321,048 | \$481,572 | \$611,520 | \$726,180 |
| Expected state subsidy   | \$65,180  | \$97,770  | \$124,150 | \$147,430 |
| Externally funded stipends, as applicable  |           |           |           |           |
| Other income (if applicable, describe in narrative section below)  | \$100,000 | \$100,000 |           |           |
| Total Projected Program Income   | \$486,228 | \$679,342 | \$735,670 | \$873,610 |
| III. Program Expenses  |           |           |           |           |
| <ul> <li>New Personnel</li> <li>Instruction (technical, professional and general education )         Full <u>up to 5</u>         Part Time</li> <li>Non-instruction (indicate role(s) in narrative section below)         Full <u>2</u>         Part time</li> </ul> | \$403,000 | \$513,000 | \$600,000 | \$600,000 |
| New facilities/building/space renovation<br>(if applicable, describe in narrative section below)   |           |           |           |           |
| Scholarship/stipend support (if applicable, describe in narrative section below)   |           |           |           |           |
| Additional library resources (if applicable, describe in narrative section below)  |           |           |           |           |
| Additional technology or equipment needs<br>(if applicable, describe in narrative section below)   | \$30,000  | \$90,000  | \$115,000 | \$115,000 |
| Other expenses (if applicable, describe in narrative section below)  |           |           |           |           |
| Total Projected Expense  | \$433,000 | \$603,000 | \$715,000 | \$715,000 |

#### Fiscal Impact Statement for the New Degree Program, using the Mansfield campus as a representative example

#### **Budget Narrative:**

(Use narrative to provide additional information as needed based on responses above.)

The proposed BSET program will have the potential to enroll students from several sources, initially focusing on current Ohio State regional campus students who may find the program to be the best fit for their interests and goals and future applicants who may not have considered Ohio State without the BSET.

The first source of potential enrollment is the population of students who are enrolled in an Engineering pre-major or an introductory Engineering course (ENGR 1181 or 1182) at the Lima, Marion, and Mansfield campuses. These students have demonstrated a clear interest in completing an Engineering degree, but

not all of these students will successfully transition to an Engineering major on the Columbus campus. Reasons for this "leaky pipeline" might include the highly competitive admission requirements for Columbus campus engineering majors, the cost of attendance at the Columbus campus, and some students' preference to stay in the regional campus area. In any case, the proposed BSET program would provide an alternative for these students to complete an Engineering degree.

The second source of potential enrollment is the population of students who are enrolled in University Exploration at Lima, Marion, and Mansfield. These students are in Exploration either because they are undecided about their major and would like to explore multiple options or because they have not met criteria for their major of interest. An advisor at the Mansfield campus estimates that 25% of students in University Exploration have expressed an interest in engineering. Because engineering has competitive enrollment criteria, which is associated with a level of math preparation sufficient to place into calculus, there may be a substantial pool of students in Exploration who would be interested in and ready to enter a BSET alternative.

| Term | Lima Enrollment |             |           |  |  |
|------|-----------------|-------------|-----------|--|--|
|      | Engineering     | Exploration | ENGR 1181 |  |  |
|      |                 |             |           |  |  |
| AU15 | 12              | 297         | 35        |  |  |
| AU16 | 18              | 243         | 37        |  |  |
| AU17 | 8               | 214         | 37        |  |  |
| AU18 | 8               | 238         | 38        |  |  |

#### Engineering, Exploration, ENGR 1181 Regional Campus Enrollments

| Term | Mansfield Enrollment | Mansfield Enrollment |           |  |  |  |
|------|----------------------|----------------------|-----------|--|--|--|
|      | Engineering          | Exploration          | ENGR 1181 |  |  |  |
| AU15 | 14                   | 382                  | 38        |  |  |  |
| AU16 | 12                   | 358                  | 33        |  |  |  |
| AU17 | 14                   | 291                  | 34        |  |  |  |
| AU18 | 17                   | 262                  | 41        |  |  |  |

| Term | Marion Enrollment |             |           |  |  |
|------|-------------------|-------------|-----------|--|--|
|      | Engineering       | Exploration | ENGR 1181 |  |  |
| AU15 | 40                | 307         | 58        |  |  |
| AU16 | 35                | 322         | 50        |  |  |
| AU17 | 37                | 343         | 55        |  |  |
| AU18 | 49                | 369         | 63        |  |  |

29

| Year Admitted to | Lima  |                             |                                       |                               |  |
|------------------|-------|-----------------------------|---------------------------------------|-------------------------------|--|
| OSU              | Total | Changed to COE,<br>Columbus | Changed to Another<br>Major, Columbus | Did Not Change to<br>Columbus |  |
| SU12-SP13        | 29    | 14                          | 8                                     | 7                             |  |
| SU13-SP14        | 28    | 11                          | 6                                     | 11                            |  |
| SU14-SP15        | 17    | 7                           | 5                                     | 5                             |  |
| SU15-SP16        | 8     | 4                           | 0                                     | 4                             |  |
| SU16-SP17        | 10    | 8                           | 0                                     | 2                             |  |
| Total            | 92    | 44                          | 19                                    | 29                            |  |

## New Regional Campus Engineering Students: Changes to Columbus by SP18

| Year Admitted to | Mansfield |                             |                                       |                               |  |  |
|------------------|-----------|-----------------------------|---------------------------------------|-------------------------------|--|--|
| OSU              | Total     | Changed to COE,<br>Columbus | Changed to Another<br>Major, Columbus | Did Not Change to<br>Columbus |  |  |
| SU12-SP13        | 39        | 20                          | 3                                     | 16                            |  |  |
| SU13-SP14        | 38        | 26                          | 5                                     | 7                             |  |  |
| SU14-SP15        | 28        | 22                          | 4                                     | 2                             |  |  |
| SU15-SP16        | 10        | 8                           | 1                                     | 1                             |  |  |
| SU16-SP17        | 9         | 6                           | 0                                     | 3                             |  |  |
| Total            | 124       | 82                          | 13                                    | 29                            |  |  |

| Year Admitted to | Marion |                             |                                       |                               |  |  |
|------------------|--------|-----------------------------|---------------------------------------|-------------------------------|--|--|
| OSU              | Total  | Changed to COE,<br>Columbus | Changed to Another<br>Major, Columbus | Did Not Change to<br>Columbus |  |  |
| SU12-SP13        | 31     | 24                          | 3                                     | 4                             |  |  |
| SU13-SP14        | 50     | 29                          | 1                                     | 20                            |  |  |
| SU14-SP15        | 31     | 22                          | 4                                     | 5                             |  |  |
| SU15-SP16        | 21     | 11                          | 4                                     | 6                             |  |  |
| SU16-SP17        | 16     | 7                           | 1                                     | 8                             |  |  |
| Total            | 285    | 175                         | 26                                    | 84                            |  |  |

A third source of potential enrollment is the pool of prospective students who are not already in Engineering or University Exploration at Ohio State but who would enroll to pursue the proposed BSET degree. Students in the Marion and Mansfield areas who are seeking strong career prospects with the manufacturing industry may considering staying to complete this degree; such students have been estimated by a Mansfield campus advisor as composing 15-20% of the regional campus population. Additional groups of potential students are graduates of the regional Ohio Technical Centers (e.g., Tri-

Rivers Career Center) and STEM schools (e.g., Northwestern High School) as well as graduates of the colocated community colleges (e.g., Marion Technical College) and regional two-year programs. Student veterans who are using benefits to complete a baccalaureate degree may also be interested in the proposed BSET program, which might present fewer barriers to timely completion given the program's curricular structure and regional campus access. In Autumn 2018, there were 41 student veterans enrolled at Mansfield and 30 at Marion.

Finally, after the program becomes fully established, there may be some interest from students on the Columbus campus who are enrolled in either an engineering pre-major or University Exploration. The Columbus campus engineering degree programs, as described previously, are highly competitive due to limited capacity. Some students may consider transferring to the regional campuses to complete a BSET degree. Furthermore, the Engineering programs on the Columbus campus are grounded firmly in a theoretical understanding of Calculus I and II. Many Engineering students find that this coursework is not a good fit after a semester or two, and they therefore leave Engineering entirely even though they have a strong desire to do technical work. To provide some context, each year approximately 275 (or 17%) of the 1,600 newly admitted first-year students in Engineering pre-majors at Columbus leave the college. In Autumn 2017, about 100 of the new first-year students in Engineering pre-majors at Columbus were unsuccessful in their Calculus I course, earning a variation of D, E, or W grades. The proposed BSET program may provide a better academic fit for students interested in an Engineering degree with an emphasis on the application of the coursework to specific industry contexts.

Based on the foregoing data, estimated enrollments will be sufficient to achieve the self-sustaining levels detailed below in section X, with approximately 42 students starting the program in Rank 1 and approximately 15 graduating each year from each participating regional campus.

Currently, the first year of the Bachelor of Science in Engineering is available on the regional campuses. The Marion campus also offers some second-year courses in electrical engineering, and the Mansfield campus offers some second-year courses in mechanical engineering. In order to offer the proposed BSET curriculum, lab resources will be shared between each regional campus and its respective co-located community or technical colleges (Central Ohio Technical College, Marion Technical College, North Central State College, and Rhodes State Community College), or between a given regional campus and another regional partner (such as a career technical center). New faculty will need to be hired for the new courses, some of which will be taught as hybrid online and face-to-face classes that can be offered at multiple regional campus locations. Support services, such as academic advising, at the regional campuses will remain the same.

The following chart outlines the costs of starting the BSET program on one regional campus beyond current expenditures. These estimates are based on the following assumptions: no students will be admitted until Autumn 2020, when students will be admitted only into the first-year curriculum; the following year (2021-22), the first two years of the curriculum will be offered; and in 2022-23, the first three or possibly all four years of the curriculum will be offered if warranted by enrollments. Additionally, the regional campuses will attempt to reduce costs by sharing faculty via distance education when possible. Five full-time clinical faculty with an annual teaching load of 21 credit hours per year should be borne by the regional campuses. Some of the initial costs will be paid for by development funds (listed as "Other income" in the fiscal impact statement, above).

| Year    | No. of  | Faculty Cost <sup>1</sup> | Lab Costs <sup>2</sup> | Coordinator <sup>3</sup> | UITL⁴    | Total     |
|---------|---------|---------------------------|------------------------|--------------------------|----------|-----------|
|         | Faculty |                           |                        |                          |          |           |
| 2019-20 | 1       | \$110,000                 | (none                  | \$35,000                 | \$15,000 | \$160,000 |
|         |         |                           | taught)                |                          |          |           |
| 2020-21 | 3       | \$330,000                 | \$30,000               | \$35,000                 | \$15,000 | \$410,000 |
| 2021-22 | 4       | \$440,000                 | \$90,000               | \$35,000                 | \$15,000 | \$580,000 |
| 2022-23 | 5       | \$550,000                 | \$115,000              | \$35,000                 |          | \$700,000 |

#### Estimated Start-Up Costs of the BSET on One Campus

<sup>1</sup>Most faculty will be hired as Clinical Assistant/Associate/Professor of Practice and may earn additional income (not part of their regular salary) through consultative employment with one or more industry partners. Faculty costs above include the salary, benefits, and professional development funds paid for by the regional campus.

<sup>2</sup>Lab space will be shared with a co-located community college and / or a career and technical center or other partner; projected costs shown include space rental, materials costs, and lab instructor.

<sup>3</sup>The Coordinator will work with the regional campus associate deans and Columbus chairs to help build and manage the program as well as prepare for ABET accreditation. The Coordinator's salary and benefits cost will be divided four ways (between Lima, Marion, Mansfield, and Newark) and includes professional development support; each campus will pay a maximum of \$35,000 per year.

<sup>4</sup>The University Institute for Teaching and Learning (UITL) costs pay for a staff member to support the creation of BSET course proposals and conduct teacher training for new faculty for the first years of the program. This cost will be divided four ways (between Lima, Marion, Mansfield, and Newark).

The above costs will be met primarily through tuition revenue (see chart, below), although start-up costs in 2019-20 and 2020-21 will be supported by fundraising through private industry stakeholders who project a high return on their investment in this program.

The following chart shows a conservative break-even projection of enrollments necessary to make the program fiscally self-sustaining on a single campus once all four years of the curriculum are offered. These enrollment projections are in line with other popular majors on the regional campuses.

| initents (i rojecteu) foi one campus |                 |                  |  |  |
|--------------------------------------|-----------------|------------------|--|--|
| Rank                                 | No. of Students | Tuition Revenue* |  |  |
| 1                                    | 42              | \$321,048        |  |  |
| 2                                    | 21              | \$160,524        |  |  |
| 3                                    | 17              | \$129,948        |  |  |
| 4                                    | 15              | \$114,660        |  |  |
| Total:                               | 95              | \$726,180        |  |  |

#### Self-Sustaining BSET Enrollments (Projected) for One Campus

\*Based on annual NFYS tuition for 2018-19 of \$7644 on the regional campuses. State Share of Instruction (SSI) is not included here because that revenue will cover facilities and administrative costs.

## APPENDICES

Please list the appendix items submitted as part of the request in the table provided below. Please list the items in the order that they are referred to in the text.

# Please note that the institution is required, at a minimum, to submit the following the items as part of the review:

Results of recent accreditation reviews (see below) Course syllabi Organizational Chart: <u>https://oaa.osu.edu/sites/default/files/links\_files/oaa-org-chart.pdf</u> Faculty CVs (see below) Faculty/student handbooks: <u>https://mansfield.osu.edu/faculty-and-staff-handbook/</u> Current catalog: <u>https://registrar.osu.edu/courses/</u>

Other items as directed in the supplemental forms (if submitted)

| Appendix Name | Description                             |
|---------------|---|
| А             | Reaffirmation of Reaccreditation        |
| В             | BSET Goals, Outcomes, and Proficiencies |
| С             | Mirel Caibar CV                         |
| D             | Tena Katsaounis CV                      |
| E             | Wenfei Li CV                            |
| F             | William Putikka CV                      |
| G             | Kelly Whitney CV                        |
| Н             | Concurrence Letter - ECE                |
| 1             | Concurrence Letter - EED                |
| J             | Concurrence Letter - ISE                |
| К             | Concurrence Letter - MAE                |
| L             | Concurrence Letter - MSE                |

#### **Commitment to Program Delivery**

Provide a statement of the institution's intent to support the program and assurances that, if the institution decides in the future to close the program, the institution will provide the necessary resources/means for matriculated students to complete their degree.

## Verification and Signature

(Insert name of the institution) verifies that the information in the application is truthful and accurate.

<u>Signature of the Chief Presiding Officer or the Chief Academic Officer</u> (Insert name and title of the chief presiding or chief academic officer)



230 South LaSalle Street, Suite 7-500 Chicago, IL 60604-1411 312.263.0456 | 800.621.7440 Fax: 312.263.7462 | hlcommission.org

August 7, 2017

Dr. Michael Drake President Ohio State University 205 Bricker Hall 190 North Oval Mall Columbus, OH 43210

Dear President Drake:

This letter serves as formal notification and official record of action taken concerning Ohio State University by the Institutional Actions Council of the Higher Learning Commission at its meeting on July 31, 2017. The date of this action constitutes the effective date of the institution's new status with HLC.

Action. IAC continued the accreditation of Ohio State University with the next Reaffirmation of Accreditation in 2026-27.

In two weeks, this action will be added to the *Institutional Status and Requirements (ISR) Report*, a resource for Accreditation Liaison Officers to review and manage information regarding the institution's accreditation relationship. Accreditation Liaison Officers may request the ISR Report on HLC's website at http://www.hlcommission.org/isr-request.

Information on notifying the public of this action is available at http://www.hlcommission.org/HLC-Institutions/institutional-reporting-of-actions.html.

If you have any questions about these documents after viewing them, please contact the institution's staff liaison Eric Martin. Your cooperation in this matter is appreciated.

Sincerely,

Barnara Geeman Dalley

Barbara Gellman-Danley President

CC: ALO

## **BSET Goals, Outcomes, & Proficiencies**



- evaluate their design against the needs of their stakeholders evaluating the pros and cons
- identify possible compromises from the stakeholders and find a balanced solution that meets the organization's needs
- map out the process for achieving alignment on stakeholder needs
   implement the proposed solution or develop the proposed system or process, utilizing the proper math, science, engineering and technology.



technology problems

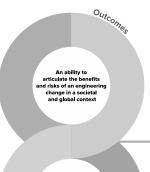
appropriate to program lucational objective



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An ability to identify and develop a clear value proposition (business case) for why an engineering project should be undertaken

# Goal #3

Business: A successful student will be able to understand business terminology, analyze value of alternatives, and communicate the business, societal and global impacts effectively.

#### Proficiencies

#### Students can:

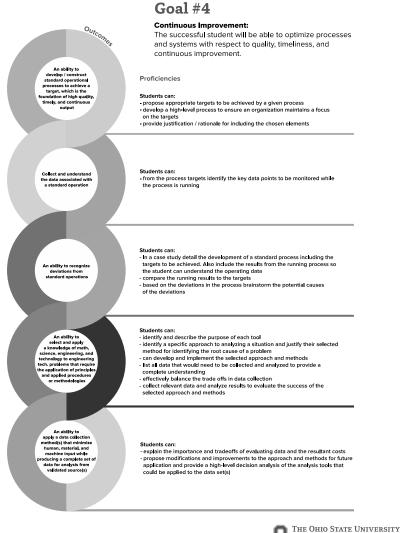
- describe and define the types of social and global impacts an engineering project could have
- describe connections between societal and global impacts of an engineering change on an ecosphere for a specific given problem - craft a clear presentation for a problem solution outlining options and trade offs from a financial, societal, and global perspective

#### Students can:

- identify what the value proposition is in a business case
   define and explain terms from their business vocabulary. Students can describe
- the meaning of basic business acument/eminology like cost, revenue, and specific details like fixed cost, variable cost gather data around the impact of a current problem and the impact of the financial trade offs in solving it
- trade ords in solving it demonstrate how to use this terminology to effectively describe the business benefits and risks in a problem evaluation analyze the value of various alternatives to the problem quantify the financial value of solving a problem with the help of other resources
- quantity the minimum value of sorting a problem with the rep of other resources determine the value proposition of a project using business tools, describe its meaning, and make a recommendation
   develop and present their problem, evaluation of alternatives, and recommendation with deer and correct financial vocabulary



THE OHIO STATE UNIVERSITY OHIO MANUFACTURING INSTITUTE



OHIO MANUFACTURING INSTITUTE

## Mirel Caibăr

| Email: caibar@math.ohio-state.edu                |
|--|
| Webpage: http://www.math.ohio-state.edu/~caibar/ |
| Phone: (419) 755-4360                            |
| Fax: (419) 755-4241                              |
|  |

#### Academic background

| University of Warwick, Ph.D. in Mathematics under the supervision of Professor Miles                            | Reid, in- |
|---|-----------|
| cluding six months at Nagoya University, Japan  | 07/1999   |
| Title of thesis: Minimal models of canonical singularities and their cohomology                                 |           |
| University of Bucharest, Romania, M.S. in Mathematics<br>Title of dissertation: <i>The Mordell–Weil Theorem</i> | 07/1991   |
| University of Bucharest, Romania, B.S. in Mathematics   | 07/1990   |

University of Bucharest, Romania, B.S. in Mathematics

#### Appointments

| The Ohio State University, Mansfield Campus, Associate Professor  | 09/2011 - present |
|---|-------------------|
| The Ohio State University, Mansfield Campus, Assistant Professor  | 10/2004 - 09/2011 |
| University of California, Riverside, Lecturer                     | 09/2003 - 06/2004 |
| University of California, Riverside, Visiting Assistant Professor | 07/2001 - 06/2003 |
|   |                   |

University of North Carolina at Chapel Hill, Postdoctoral Research Associate 08/1999 - 06/2001

#### Publications and preprints

M. Caibăr, "Intersection cohomology of 3-fold minimal models", in preparation

M. Caibăr, H. Clemens, "Topological versions of Abel-Jacobi, the height pairing, and the Poincaré bundle", Preprint arXiv:1104.4057

M. Caibăr, H. Clemens, "Incidence and Abel-Jacobi equivalence", Preprint arXiv:1109.2932

T. Bauer, M. Caibăr, G. Kennedy, "Zariski decomposition: a new (old) chapter of linear algebra", Amer. Math. Monthly, 119 (2012), no. 1, 25-41

M. Caibăr, "A note on adjoint linear systems", Geom. Dedicata, 153 (2011), no. 1, 125-130

M. Caibăr, "Minimal models of canonical 3-fold singularities and their Betti numbers", Int. Math.

Res. Not. 2005, no. 26, 1563-1581

M. Caibăr, "On the number of crepant valuations of canonical singularities", J. London Math. Soc. (2) 68 (2003), no. 2, 307–316

M. Caibăr, "On the divisor class group of 3-fold singularities", Internat. J. of Math., 14, (2003), no. 1, 105–117

#### Edited books

G. Kennedy, M. Caibăr, A.-M. Castravet, E. Macri, ed., Volume of proceedings for the conference "Hodge Theory and Classical Algebraic Geometry", Contemporary Mathematics, vol. 647, American Mathematical Society, Providence, RI, 2015

#### Research lectures

The Ohio State University, "Invitations to Mathematics" lecture series, "Introduction to canonical singularities", March 2014

The Ohio State University, 2008 – 2009 Special Year on Analytic and Algebraic Geometry: Multiplier Ideals, "Introduction to the ACC Conjecture for log canonical thresholds", February 2009

The Ohio State University Algebraic Geometry Seminar, "Linear systems on threefolds", February 2008

University of Warwick, UK, 2007 – 2008 Warwick EPSRC Symposium on Algebraic Geometry, "Introductory workshop on Higher Dimensional Minimal Model Program" "3-fold canonical and terminal singularities (1)", September 2007

University of Warwick, UK, 2007 – 2008 Warwick EPSRC Symposium on Algebraic Geometry, "Introductory workshop on Higher Dimensional Minimal Model Program" "3-fold canonical and terminal singularities (2)", September 2007

The Ohio State University Algebraic Geometry Seminar, "Minimal models of canonical 3-fold singularities", May 2006

The Ohio State University Algebraic Geometry Seminar, "Partial resolutions of canonical 3-fold singularities and their Betti numbers", January 2004

Algebraic Geometry Seminar at the University of California, Riverside, several lectures on 3-fold singularities and on multiplier ideal sheaves, 2001-2004

Joint University of North Carolina at Chapel Hill and Duke University Algebraic Geometry Seminar "On the topology of canonical singularities", September 1999 "The McKay Correspondence", March, April 2000 "Jet schemes of canonical singularities", November 2000

Université des Sciences et Technologies de Lille, Lille, France, Summer school "Singularités en géométrie algébrique"

"On the topology of canonical singularities", June 1999

Tokyo University, "On the topology of certain threefold singularities", July 1997

Tokyo Institute of Technology, "On canonical hypersurface singularities", July 1997

Nagoya University, "On the divisor class group of certain threefold singularities", April 1997

Calf Cambridge-Oxford-Warwick Junior Algebraic Geometry Seminar "On the topology of canonical singularities", June 1998 "Introduction to canonical singularities", March 1999

#### Academic visits

Mathematics Research Centre, University of Warwick, UK. Title of the program: "2007 - 2008 Warwick EPSRC Symposium on Algebraic Geometry" September 2007 – December 2007

Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. Title of the program: "Higher Dimensional Complex Geometry", June 2002 - July 2002

## **Research Grants and Scholarships**

| NSF conference grant DMS-1302880, Title: "Hodge Theory and Co-PI, | Classical Algebraic Geometry",<br>March 2013 – February 2014 |
|---|--|
| Mansfield Campus Seed Grant,                                      | March 2007 – February 2008                                   |
| Wolfson Foundation Scholarship, University of Warwick,            | October 1994 – February 1997                                 |
| NUPACE-AIEJ Scholarship, Nagoya University,                       | March 1997 – September 1997                                  |
| Wolfson Foundation Scholarship, University of Warwick,            | October 1997 – March 1999                                    |
|   |  |

#### Teaching experience

The Ohio State University, Mansfield Campus,

October 2004 - present

Autumn 2017: College Algebra, Precalculus, Calculus II Autumn 2016: College Algebra (two sections), Calculus II Autumn 2015: Precalculus, Calculus II Autumn 2014: College Algebra, Calculus for Business, Calculus II Spring 2014: Calculus I, Engineering Mathematics A

Autumn 2013: College Algebra, Calculus II, Engineering Mathematics A

Spring 2013: College Algebra, Engineering Mathematics A

Autumn 2012: College Algebra for Business, Calculus I

Spring 2012: Elementary Functions, Calculus and Analytic Geometry III, Transition Engineering Calculus A

Autumn 2011: Elementary Functions, Calculus and Analytic Geometry I, Mathematical Analysis for Business I

Spring 2011: Mathematical Analysis for Business II, Mathematical Analysis for Business III, Calculus and Analytic Geometry II

Autumn 2010: Mathematical Principles in Science I, Algebra and Trigonometry and their Applications, Mathematical Analysis for Business III

Spring 2010: Mathematical Analysis for Business III, Elementary Functions, Calculus and Analytic Geometry II

Autumn 2009: Mathematical Analysis for Business II, Algebra and Trigonometry and their Applications, Calculus and Analytic Geometry I

Spring 2009: Excursions in Mathematics, Mathematical Analysis for Business II, Calculus and Analytic Geometry II

Autumn 2008: Mathematical Analysis for Business I (two sections), Mathematical Analysis for Business III

Spring 2008: Mathematical Analysis for Business II, Calculus and Analytic Geometry I

Winter 2008: Mathematical Analysis for Business III, Calculus and Analytic Geometry I

Spring 2007: Algebra and Trigonometry and their Applications, Mathematical Analysis for Business II, Calculus and Analytic Geometry I

Autumn 2006: Algebra and Trigonometry and their Applications (two sections), Calculus and Analytic Geometry II

Winter 2006: Elementary Functions (two sections), Mathematical Analysis for Business III Autumn 2005: Algebra and Trigonometry and their Applications (two sections)

Winter 2005: Calculus and Analytic Geometry II, Algebra and Trigonometry and their Applications (two sections)

Autumn 2004: Calculus and Analytic Geometry II, Mathematical Analysis for Business III

University of California, Riverside,

July 2001 – June 2004

Spring 2004: First-Year Calculus (two sections)
Winter 2004: First-Year Calculus (three sections)
Fall 2003: First-Year Calculus (two sections)
Spring 2003: Calculus of Several Variables, First-Year Calculus
Winter 2003: Calculus of Several Variables, First-Year Calculus
Fall 2002: Introduction to Ordinary Differential Equations, First-Year Calculus
Spring 2002: Finite Mathematics, First-Year Calculus
Winter 2002: Linear Algebra, First-Year Calculus
Fall 2001: Finite Mathematics, First-Year Calculus

University of North Carolina at Chapel Hill,

Spring 2001: Discrete Mathematics, Calculus Fall 2000: Linear Algebra and Differential Equations, Calculus August 1999 – June 2001

Spring 2000: Calculus Fall 1999: Calculus (3 sections)

#### Service

#### Professional

Co-organizer of the OSU/UIC/UM Algebraic Geometry Workshop, The Ohio State University, April 2014 https://people.math.osu.edu/events/osuumuic/

Co-organizer of the international conference "Hodge Theory and Classical Algebraic Geometry", The Ohio State University, http://www.math.osu.edu/conferences/hodge/

Co-organizer of the Special Session on "Birational Geometry", AMS 2006 Fall Central Section Meeting Cincinnati, OH, October 2006

Co-organizer of the Algebraic Geometry Seminar, University of North Carolina at Chapel Hill, 1999- 2001

Referee for several journals

#### Professional/public/community

Senior personnel member, The Ohio State Mansfield Math Literacy Initiative, May 2016 - present

Participant, The Ohio State Mansfield Math Literacy Initiative Inter-district Professional Development, February 2016

Lecturer, Mathematics workshop, The Ohio State University, Mansfield Campus, Conard Learning Center, January 2013

Lecturer, Mathematics workshop, The Ohio State University, Mansfield Campus, Conard Learning Center, September 2012

Volunteer, Visited a science learning center and suggested ideas for an engaging exhibit around Algebra, appropriate for elementary/middle school students, Mansfield, June 2012

Coordinator of the OSU-Mansfield participation as a host site for the Mathematical Association of America's American Mathematics Contest for high school students, February 2007

Participant in *MathTime*, an advanced math program offered at the Mansfield Campus of the Ohio State University to area middle and high school students who have talent and interest in

## mathematics,

#### October 2005 – March 2007

## Advising to student groups

| Advisor, Tango at The Ohio State University,      | September 2014 – present    |
|---|-----------------------------|
| Advisor, ATCO, Argentine Tango in Columbus, Ohio, | October 2009 – October 2010 |

## **Campus Committees**

| Coordinator of the selection of the Math and Physical Sciences book award recipient, 2017    |                              |
|--|------------------------------|
| Diversity and Inclusion Committee, Member,   | January 2017 – present       |
| Peer Evaluation of Teaching Committee, Member,   | November 2016                |
| Coordinator of the selection of the Math and Physical Sciences be                            | book award recipient, 2016   |
| Mathematics Search Committee, Member,  | 2015 - 2016                  |
| Coordinator of the selection of the Math and Physical Sciences book award recipient, 2015    |                              |
| Peer Evaluation of Teaching Committee, Member,   | October 2015                 |
| Mansfield Campus Mathematics Coordinator,  | January 2014 – present       |
| Promotion and Tenure Committee, Member of two sixth-year review subcommittees, $2013 - 2014$ |                              |
| Academic Enrichment Committee, Member,   | January 2014 – December 2016 |
| Faculty/Staff Program Committee, Member,   | 2013 - 2014                  |
| Peer Evaluation of Teaching Committee, Member,   | October 2013                 |
| Professional Development Committee,  | January 2011 – December 2013 |
| Peer Evaluation of Teaching Committee, Member,   | 2011                         |
| Mansfield Campus Safety Supervisor Selection Committee, OSU-M Faculty Representative, 2011   |                              |
| Academic Standards Committee, Member,  | January 2009 – December 2010 |
| Peer Evaluation of Teaching Committee, Member,   | April 2010                   |

| Mansfield Campus Executive Committee, Vice President, | January 2008 – December 2008 |
|---|------------------------------|
| Peer Evaluation of Teaching Committee, Member,        | February 2008                |
| Fall Convocation Committee, Member,                   | 2006                         |
| Curriculum Committee, Member,                         | January 2005 – December 2007 |

#### **Departmental Committees**

Mathematics Education Forum Committee, Department of Mathematics, October 2016 – present Invitations Committee, Department of Mathematics, Member, 2013 – 2014

#### University Committees

Registrar's Faculty Advisory Council, Member, Mansfield Campus Representative, 2011 - present

CURRICULUM VITAE September, 2015

Tena I. Katsaounis katsaounis.1@osu.edu

**Department of Mathematics** 

The Ohio State University Ovalwood 378 Mansfield, Ohio 44906 Phone: (419) 755-4032

#### **EDUCATION**

PhD in Statistics, 2006. Department of Statistics, The Ohio State University, Columbus, Ohio. MS in Statistics, 1996. Department of Statistics, The Ohio State University, Columbus, Ohio. MA in Mathematics, 1988. Department of Mathematics, The Ohio State University, Columbus, Ohio. BS in Mathematics, 1984. Department of Mathematical and Physical Sciences, Aristotelean inversity.

University, Thesaloniki, Greece.

#### ACADEMIC SCHOLARSHIPS

Academic Achievement Scholarship, 1982-83. Department of Mathematical and Physical Sciences, Aristotelian University, Thesaloniki, Greece. Sponsored by the Institute of Government Scholarships, Greece.

#### PROFESSIONAL MEMBERSHIPS

American Statistical Association, 1992- . Member of Section on Physical and Engineering Sciences, Section on Statistics Education, and Cleveland Chapter of ASA. Institute of Mathematical Statistics, Life member since 1995. Interface Foundation of North America, 1999-. Caucus for Women in Statistics, 2000- . Ohio State University Alumni Association, Life member since 1988.

#### TEACHING EXPERIENCE

Lecturer, Summer 2006-present. Department of Mathematics, The Ohio State University, Mansfield Ohio.

Stat145/Stat1450 (Winter 2007-present). Introduction to the Practice of Statistics: Probability, descriptive statistics, correlation, regression, design of experiments, sampling, estimation, and testing; emphasis on applications, statistical reasoning, and data analysis using statistical software.

Stat135 /Stat1350 (Fall 2006-present). Elementary Statistics: Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation.

Stat133/ Stat1430 (Fall 2007-present). Statistics for the Business Sciences: Introduction to basic concepts of descriptive statistics and probability; including graphical and numerical data summaries, properties of discrete and continuous probability distributions, and sampling distributions.

Business Statistics 2310 (Spring 2013, Spring 2014, Spring2015). The overall objectives of the course are to familiarize students with the use of statistical procedures for the purpose of generating decision making information from data, and to help students develop behavioral habits suitable for a professional, business environment, as well as effective communication tools.

Ed T&L 711.04 and Math 610.04 (Fall 2007, Winter 2008, Fall 2008, Summer 2009). Data Analysis. Designed and taught an introductory course on data analysis for K-12 Math teachers.

Math 610.04 (Summer 2007): Statistics. Designed and taught a two week introductory course on data analysis and probability for Math High School teachers .

Math 1144 (Fall 2012). Precalculus. Understanding the basic properties of "elementary" functions : polynomial, rational, exponential, logarithmic, trigonometric, and inverse trigonometric; modeling reallife situations in terms of these functions.

Math 148 (Summer 2006, Winter 2012). Algebra and Trigonometry and their applications: Applications from chemistry, physics and biology involving integer and rational exponents, solving and graphing linear and quadratic equations, systems of equations, trigonometry of acute angles, vectors and exponential equations.

Math 075 (Winter 2007). Pre college Mathematics II: Factoring, rational expressions and equations, graphs, systems of linear equations and inequalities, problem solving, roots and radicals, quadratic equations, complex numbers.

Math 050 (Fall 2006, Fall 2007). Pre college Mathematics I: Arithmetic of fractions and decimals, basic algebra, graphing equations, geometry, exponents, applications of exponents, lines and slopes, area.

#### Graduate Teaching Associate, 1996-2006. Department of Statistics, The Ohio State University, Columbus Ohio:

Stat135 (Fall 2005, Winter 2006; Marion Campus, Marion Ohio). Elementary Statistics: Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation. Sole responsibility for lectures. Planned lessons, graded assignments and exams, proctored exams and tutored students for two sections, as Lecturer and Computer Lab Instructor.

Stat135 (Winter 2005-Spring 2005, Winter 2004-Spring 2004, Winter 2003, Spring 1995 and Fall 1995). Elementary Statistics: Introduction to probability and statistics, experiments, and sampling, data analysis and interpretation. Planned lessons, graded assignments and exams, proctored exams and tutored students for two sections, as Computer Lab Instructor.

Stat 245 (Fall 2004). Introduction to Statistical Analysis. Calculus based introduction to data analysis, experimental design, sampling, probability, and inference. Planned lessons, graded assignments and exams proctored exams and tutored students for two sections, as Computer Lab Instructor.

Stat 428 (Fall 2002). Introduction to Probability and Statistics for Engineering and the Sciences. Point and interval estimation; hypotheses tests for proportions, means, variances, and goodness-of-fit; least squares regression. Graded homework assignments.

Stat145 (Spring 1996). Introduction to the Practice of Statistics. Probability, descriptive statistics, correlation, regression, design of experiments, sampling, estimation, and testing; emphasis on applications, statistical reasoning, and data analysis using statistical software. Planned lessons, graded assignments and exams, proctored exams and tutored students for two sections, as Computer Lab Instructor.

Stat 629 (Winter 1996). Applied Regression Analysis : Multiple regression models; diagnostics, inferences, and variable selection; ANOVA with several factors. Graded homework assignments. Graded homework assignments.

Stat 632 (Winter 1996). Applied Stochastic Processes: Conditioning, discrete time Markov chains, Poisson processes, branching process. Graded homework assignments. Graded homework assignments.

Graduate Student Teacher in Mathematics, 1986-1987. Department of Mathematics Education, The Ohio State University, Columbus Ohio:

Geometry and Advanced Algebra (1987, Shelby High School, Shelby Ohio); Geometry (1986, Whetstone High School, Columbus, Ohio); Geometry (1986, West High School, Columbus, Ohio); Algebra (1986, Alternative High School, Columbus, Ohio). Planned lessons and assignments, graded homework and exams, tutored students and held meetings with students' parents.

#### CONSUSTING EXPERIENCE

Intern Research Statistician, 1997-98. Department of Marketing, Nationwide Insurance Co., Columbus, Ohio.

Analyzed Categorical Insurance Data and wrote statistical analyses reports presented at a research team meetings. Evaluated Logistic Regression using SAS vs. Neural Networks.

#### COMPUTER EXPRERIENCE

Operation Systems: Unix/ Linux, Windows XP, MS DOS Programming Languages: Fortran90, SAS, SAS IML Statistical Software : SAS, Minitab, JMP, S+, R, Data Desk, Microsoft XL Mathematical Software: Matlab, Mathematica. Word Processing Software: LateX, Microsoft Word, Excel and Power Point.

Statistical software evaluation:

*Experimentation for Profit*, Spring 2002. Authored by Theodore Allen, Department of Industrial Systems and Engineering, The Ohio State University, Columbus, Ohio.

Logistic Regression using SAS vs. Neural Networks, 1997-98, Nationwide Insurance Co., Columbus, Ohio.

Minitab 8.0 adapted for education PC version vs. Minitab 8.2 commercial Mac version, 1993. Department of Statistics, The Ohio State University, Columbus, Ohio.

#### CURRENT RESEARCH

An evaluation of binary linear codes for screening experiments, with M. Aggarwal, University of Memphis (submitted).

On equivalence of codes (under review)

Nonregular two-level fractional factorial split-lot designs, with A. Dean, Ohio State University and D. Bingham, Simon Fraser University (to be submitted).

#### PUBLICATIONS

Katsaounis, T. I., Dean, A. M., Bradley Jones, Bradley, 2013. *On equivalence of fractional factorial designs based on singular value decomposition*, Journal of Statistical Planning and Inference, 143, 1950-1953.

Katsaounis T. I., 2012. Equivalence of factorial designs with qualitative and quantitative factors. Journal of Statistical Planning and Inference, 142, 79-85.

Katsaounis, T. I., 2012. "*What do Frogs eat*?" Bridging the Gap between Common Core Standards and Teaching Statistics, National Council of Teachers of Mathematics and American Statistical Association, Investigation 6.3, 231-241.

Katsaounis T., Dean A. M., 2008. A survey and evaluation of methods for determination of combinatorial equivalence of factorial designs, Journal of Statistical Planning and Inference, 138, 245-258.

Katsaounis T. I., Dingus C. A. and Dean A. M., 2007. *On the geometric equivalence and non-equivalence of symmetric factorial designs*, Journal of Statistical Theory and Practice, Vol. 1, No. 1, 101-105.

Katsaounis T. I., 2002. Information matrices of irregular factorial designs, Interstat, http://interstat.statjournals.net/YEAR/2002/articles/0204002.pdf

Katsaounis T. I., 2001. On partially balanced arrays, Interstat, Interstat, http://interstat.statjournals.net/YEAR/2001/articles/0107001.pdf

Katsaounis T. I., 2001. *Learning from Outliers*, The Statistics Teacher Network, 58, 2-3 http://interstat.statjournals.net/YEAR/2000/articles/0012001.pdf

Katsaounis T. I., 2000. *Optimal small response surface designs*, Interstat, http://interstat.statjournals.net/YEAR/2000/articles/0012001.pdf

#### ARTICLES IN PROCEEDINGS

Katsaounis T. I., 2003. *Association measures of binary arrays*, ASA Proceedings of the Joint Statistical Meetings, 2088-2091, American Statistical Association, Alexandria, VA.

Katsaounis T. I., 2002. *Information matrices of irregular factorial designs*. ASA Proceedings of the Joint Statistical Meetings, 1766-1771, American Statistical Association, Alexandria, VA.

Katsaounis T. I., 2001. *On irregular factorial designs*. ASA Proceedings of the Joint Statistical Meetings, American Statistical Association, Alexandria, VA.

Katsaounis T. I., 1999. *Optimal small response surface designs*. Computing Science and Statistics: Models, Predictions and Computing. Proceedings of the 31st Symposium on the Interface, 408-412, Berk, Kenneth (ed.) and Pourahmadi, Mohsen (ed.). Interface Foundation of North America , Fairfax Station, VA.

Katsaounis T. I., 1999. *Optimal response surface designs*, Midwest SAS Users Group Conference Proceedings, 273-278, Annual Midwest SAS Users Group Conference, Columbus, Ohio.

#### BOOK REVIEWS

Katsaounis T. I, 2014. Advances in Theoretical and Applied Statistics, Editors: N. Torelli, F. Pesarin, A. Bar-Hen, Springer, Technometrics, 56, 2, 261-267.

Katsaounis T. I., 2011. *Mixed Effects Model for Complex Data*, by Lang Wu, Chapman & Hall/CRC, Technometrics, Vol. 53, no. 4, 440-447.

Katsaounis T. I., 2009. *Statistical and Probabilistic methods in Actuarial Science*, by Philip J. Boland, Interdisciplinary Statistics, Chapman and Hall/ CRC 2007, New York, Technometrics, 51, 101.

Katsaounis T. I., 2008. *Introductory Statistical Inference*, by Nitis Mukhopadhyay. Series Statistics: A Series of Textbooks and Monographs, Volume: 187, Chapman & Hall-CC 2006, Technometrics, 50, 89-90.

Katsaounis T. I., 2004. *Exploring Multivariate Data With the Forward Search*, by A. C. Atkinson, M. Riani, and A. Cerioli. Technometrics, 46, 483-484.

Katsaounis T. I., 2004. *Analyzing Multivariate Data*, by J. Lattin, J. D. Carroll and P. Green., Technometrics, 46, 254-255.

Katsaounis T. I., 2003. Visualizing Statistical Models and Concepts, by R. W. Farebrother. Technometrics, 45, 175-176.

Katsaounis T. I., 2003. *Methods of Multivariate statistics*, by M. S. Srivastava. Technometrics, 45, 100-101.

#### TECHNICAL REPORTS AND THESES

Katsaounis T. I, 2006. Equivalence of symmetric factorial designs and characterization and ranking of two-level Split-lot designs. Advisor Angela M. Dean, Department of Statistics, The Ohio State University, Columbus, Ohio.

Katsaounis T. I., 2003. Association measures for binary codes, Technical Report No. 702. Department of Statistics, The Ohio State University, Columbus, Ohio.

Katsaounis T. I., 1998. *Statistical Hypotheses: Basic ideas in the problem of testing a Statistical Hypothesis.* Master Thesis. Department of Mathematics, The Ohio State University, Columbus, Ohio.

#### PROFESSIONAL CONFERENCE PRESENTATIONS

Katsaounis, T. I., An evaluation of binary linear codes for screening experiments, with M. Aggarwal, University of Memphis, October 2014, Greensboro, N.C.

Katsaounis, T. I., 2014. Equivalence of factorial designs based on singular value decomposition. Joint Statistical Meetings of the American Statistical Association, August 2014, Boston, MA.

Katsaounis, T. I., 2012. *Equivalence of factorial designs*, Design and Analysis of Experiments conference, University of Georgia, Athens, Georgia. (\*)

Katsaounis, T. I., 2012. *Equivalence of factorial designs with qualitative and quantitative factors*, Spring Research Conference: Enabling the interface between Statistics and Engineering, Harvard University, Cambridge, MA.

Katsaounis, T. I., 2012. *Equivalence of factorial designs with qualitative and quantitative factors*, International Conference on Mathematics and Statistics, University of Memphis, Memphis, TN.

Katsaounis, T.I., 2011, A *construction method for nonregular two-level split-lot designs*, Contributed poster presentation. Presented at the Joint Statistical Meetings of the American Statistical Association, August 2011, Miami, Florida.

Katsaounis, T.I., 2011, *A construction method for nonregular two-level split-lot designs*, Contributed poster presentation. Presented at the International Conference on Design of Experiments (ICODOE 2011) The University of Memphis, Memphis, TN.

Katsaounis, T. I., 2009. *Equivalence of general factorial designs*. Contributed poster. Presented at The Design and Analysis of Experiments Conference, University of Columbia, Missouri, October 2009. (\*)

Katsaounis, T. I., Dean, A. M and Bingham D. 2008. *Two-level Split-lot designs based on nonregular fractional factorial designs*. Contributed talk. Presented at the 52<sup>nd</sup> Fall Technical Conference, Mesa, Arizona.

Katsaounis, T. I, 2008. *Equivalence of general factorial designs*. Contributed talk. Presented at the Joint Statistical Meetings of the American Statistical Association, August 2008, Denver, Colorado.

Katsaounis, T. I, 2008. *Implementation of the GAISE report in grades K-4*. Workshop presented at the Meeting Within a Meeting to K-4 Math and teachers, August 2008, Denver, Colorado.

Katsaounis, T. I., Dingus, C. A. and Dean, A. M., 2007. *On the geometric equivalence and non-equivalence of symmetric factorial designs.* Contributed poster presentation. Presented at Design and Analysis of Experiments DAE 2007 Conference, October 2007, University of Memphis, Memphis, Tennessee.

# Wenfei Li

#### li.537@osu.edu

| EDUCATION   |   |      |
|---|---|------|
| Ph.D. Aeronautical and Astronautical Engineering 20 |   |      |
| The Ohio State Uni                                  | iversity, Columbus, Ohio                                      |      |
| Major   | Dynamics and Control Systems                                  |      |
| Thesis  | "Fault Diagnostics Studies for Linear Uncertain Systems Using |      |
|   | Dynamic Threshold with Application to Propulsion Systems"     |      |
| M.S. Aeronautical                                   | and Astronautical Engineering                                 | 2005 |
| The Ohio State Uni                                  | iversity, Columbus, Ohio                                      |      |
| Major   | Dynamics and Control Systems                                  |      |
| Thesis  | "Stability and Robustness of Compressor Surge Control by Stat | e    |
|   | Feedback Linearization"                                       |      |
| B.E. Automation S                                   | Science and Electrical Engineering                            | 2001 |
| Beijing University                                  | of Aeronautics and Astronautics, Beijing, China               |      |
| Major   | Automatic Control   |      |
| Thesis  | "Water-Tank Digital Control System Using Artificial Neural    |      |
|   | Networks"   |      |
|   |   |      |

#### WORK EXPERIENCE

First-Year Engineering Program, The Ohio State University-Mansfield

- Teach Fundamentals of Engineering (I & II), course series (ENGR1181.01 and ENGR1182.01).
- Supervise and mentor undergraduate students' course projects.
- Manage lab equipment and purchase lab materials.
- Edit and manage the learning-management system Carmen (using D2L and Canvas) and the engineering-course website.
- Coordinate curriculum development and exam preparation with colleagues at OSU Columbus campus.

- Work with IT to manage and maintain the software and hardware in the engineering lab.
- Piloted the first-year engineering program at the OSU-Mansfield regional campus in 2010.

#### **Graduate Teaching Assistant**

Engineering Education Innovation Center, The Ohio State University

 Assisted instructors with Fundamentals of Engineering (I & II) (ENG181.01 and ENG183.01) during classes and labs, held office hours and graded assignments.

#### Graduate Research Assistant

Department of Aerospace Engineering, The Ohio State University

- Designed fault detection and isolation schemes of aircraft engines using a dynamicthreshold approach based on model uncertainty.
- Proposed and developed a dynamic/adaptive threshold method using nonlinear Kalman filters for aircraft engine sensor fault detection.
- Designed the Kalman filter estimation schemes of the nonlinear aircraft-engine model for the General Electric Transportation turbine-engine prognostics project.
- Studied the nonlinear aircraft turbine engine simulation model from the General Electric Transportation turbine engine prognostics project.

#### **Teaching Assistant**

Autumn/Winter Quarters 2005, 2006, 2007

Department of Aerospace Engineering, The Ohio State University

- Flight Vehicle Dynamics (Aero520)
- Linear System Engineering (Aero521)
- Orbital Mechanics (Aero626)
- One-Dimensional Gas Dynamics (Aero530).

#### **Graduate Fellow**

July 2003-September 2005

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January 2008-September 2010

September 2005-December 2007

Department of Aerospace Engineering, The Ohio State University

- Worked on stability and robustness analysis and control design for the Moore-Greitzer three-state axial-compressor model.
- Designed a low-order controller using the method of component-cost analysis for the high-order cavity-flow model developed by the OSU Gas Turbine Lab.
- Researched topics on principal component analysis and component cost analysis.

Wenfei Li

#### **Assistant Control Engineer**

July 2001-December 2002

3

Beijing RuiSai Measurement and Control Company, Beijing, China

- Worked on a team to design and build a flight-simulator test table.

#### PRESENTATION

 Wenfei Li, "Dynamic Threshold Method Based Aircraft Engine Sensor Fault Diagnosis," 2008 ASME Dynamic System and Control Conference, October 2008, Ann Arbor, MI.

#### PUBLICATIONS

- Wenfei Li, Rama Yedavalli, "Aircraft Turbofan Engine Sensor Fault Diagnosis Using Dynamic Threshold Method," Journal of Dynamic Systems, Measurement and Control. Under preparation.
- Wenfei Li, Rama Yedavalli, "Dynamic Threshold Method Based Aircraft Engine Sensor Fault Diagnosis," 2008 ASME Dynamic System and Control Conference, October 2008, Ann Arbor, MI.
- Rama Yedavalli, Wenfei Li, "Aircraft Engine Fault Detection Using Dynamic/Adaptive Threshold Approach," GT2007-28180, ASME Turbo Expo 2007: Power for Land, Sea and Air, May 2007, Montreal, Canada.

#### PROFESSIONAL SERVICE

- Paper reviewer for IEEE Conference on Decision and Control; American Control Conference; Journal of Dynamic Systems, Measurement, and Control.
- Workshop planning committee for OSU-Mansfield faculty teaching development.

#### AWARDS

- OSU-Mansfield Faculty Service Award.
- Dayton Area Graduate Studies Institute (DAGSI) Fellowship from OSU.
- Outstanding Student Award from Beijing University of Aeronautics and Astronautics.
- Student Leadership Award from Beijing University of Aeronautics and Astronautics.

#### SKILLS

Software Tools: Matlab/Simulink, SolidWorks, Autodesk Inventor, LanSchool,

Microsoft Office, Maple, Mathematica, TeXnicCenter

Wenfei Li

## Curriculum Vitae

# WILLIAM O. PUTIKKA

| Address: | The Ohio State University | Phone: | 614 - 292 - 3882 |
|----------|---------------------------|--------|------------------|
|          | 1760 University Drive     | FAX:   | 419-755-4367     |
|          | Mansfield, OH 44906       |        |                  |

Email: putikka.1@osu.edu

#### Education

Ph. D. (Physics), 1988: University of Wisconsin, Madison, Wisconsin, USA Dissertation: Heavy Fermion Superconductivity in UPt<sub>3</sub>, thesis advisor: R. J. Joynt.

Bachelor of Physics with High Distinction, 1981: Institute of Technology, University of Minnesota, Minnesota, USA.

#### Employment

Professor, Physics Department, The Ohio State University, Mansfield, Ohio, USA 2008-present.

Associate Professor, Physics Department, The Ohio State University, Mansfield, Ohio, USA, 2001-2008.

Assistant Professor, Physics Department, The Ohio State University, Mansfield, Ohio, USA, 1996-2001.

Research Assistant Professor, Physics Department, University of Cincinnati, Cincinnati, Ohio, USA, 1995-1996.

Postdoctoral Research Associate, National High Magnetic Field Laboratory, Florida State University, Tallahassee, Florida, USA, 1992-1995.

Postdoctoral Research Associate, Institut für Theoretische Physik, ETH, Zürich, Switzerland, 1989-1992.

Postdoctoral Research Associate, Physics Department, University of Florida, Gainesville, Florida, USA, 1988-1989.

Teaching Assistant; Research Assistant, Physics Department, University of Wisconsin, Madison, Wisconsin, USA, 1982-1988.

#### Current Research Interests

Two dimensional strongly correlated electrons; High temperature superconductors; Heavy fermion superconductors; Phenomenology of unconventional superconductors; High temperature expansions for models of strongly correlated electrons; Spin lifetimes in semiconductors; Spintronics; Quantum Computers.

#### Past External Funding

National Science Foundation DMR-0105659, Sept. 2001 - Aug. 2005, \$180,000 Project Title: "Strong Coupling Expansions for Models of Strongly Correlated Electrons"

National Science Foundation ECS-0523918, Sept. 2005 - Aug. 2009, \$150,000 Project Title: "Collaborative Research: Theory of Spin Lifetimes in Semiconductors", in collaboration with R. Joynt (U. Wisconsin) who also received \$150,000 for a total project budget of \$300,000.

#### Teaching Experience

Professor for physics and astronomy courses, The Ohio State University, Mansfield (1996-present). At Ohio State I teach algebra level and calculus level introductory physics courses and an introductory astronomy course for humanities majors.

Professor for introductory physics courses, University of Cincinnati (1995-1996).

At the University of Cincinnati I taught algebra level and calculus level introductory physics courses.

Proseminar Assistant in Solid State Physics, ETH (1989-1992).

Teaching Assistant, University of Wisconsin, Laboratory sections for a junior-level electronics course, under the supervision of Prof. P. A. Quin (1986-1988).

Teaching Assistant, University of Wisconsin, Recitation and Laboratory sections for an introductory physics course, under the supervision of Prof. M. B. Webb (1982-1983).

#### Honors

Invited talk, "Enhanced d-wave Superconducting Fluctuations in the 2D t-J Model", APS March meeting, 13-17 March, 2006.

KITP Scholar, Kavli Institute for Theoretical Physics at the University of California at Santa Barbara, 2005-2007.

Award for Excellence in Scholarship, Ohio State University Mansfield Campus, 2002.

ITP Scholar, Institute for Theoretical Physics at the University of California at Santa Barbara, 1999-2001

Invited talk, "High Temperature Series for the t-J Model in Two Dimensions," APS March meeting, 21-25 March, 1994.

North Atlantic Treaty Organization Postdoctoral Fellowship, National Science Foundation, on tenure at the ETH - Zürich, 1989-1990.

Wisconsin Alumni Research Foundation Graduate Fellowship, University of Wisconsin-Madison, 1981-1982

Alworth Memorial Foundation Undergraduate Scholarship, on tenure at St. John's University and the University of Minnesota, 1977-1981.

#### Publications

- Optical Linewidths and Photon-Echo Decays of Impurities in Glasses, W. O. Putikka and D. L. Huber, Phys. Rev. B36, 3436 (1987).
- Probabilistic Derivation of Parton Splitting Functions, Loyal Durand and William Putikka, Phys. Rev. D36, 2840 (1987).
- Homogeneous Linewidths and Photon-Echo Decay Rates of Rare Earth and Transition Metal Impurities in Glasses, D. L. Huber and W. O. Putikka, J. of Lumin. 40&41, 567 (1988).
- Stability of Anisotropic Superconducting Phases in UPt<sub>3</sub>, W. Putikka and Robert Joynt, Phys. Rev. B37, 2372 (1988)(RC).
- Next-to-Leading Logarithm QCD Corrections for qq
  → ZZ, W<sup>+</sup>W<sup>-</sup>, W<sup>±</sup>Z Subprocesses, V. Barger, J. L. Lopez and W. Putikka, Int. J. of Mod. Phys. A3, 2181 (1988).
- Theoretical Determination of the Superconducting Phase of UPt<sub>3</sub>, W. O. Putikka and Robert Joynt, Phys. Rev. B39, 701 (1989).
- Electromagnetic Absorption in Anisotropic Superconductors, P. J. Hirschfeld, P. Wölfle, J. A. Sauls, D. Einzel and W. O. Putikka, Phys. Rev. B40, 6695 (1989).
- Unusual Low-Frequency Electromagnetic Response in Anisotropic Superconductors: Application to UPt<sub>3</sub>, W. O. Putikka, P. J. Hirschfeld and P. Wölfle, Phys. Rev. B41, 7285 (1990)(RC).
- Electromagnetic Response in the E<sub>1g</sub> Model State for the Heavy Fermion Superconductor UPt<sub>3</sub>, W. O. Putikka, P. J. Hirschfeld and P. Wölfle, Physica B 165&166, 371 (1990).
- Phase Diagram of the t-J Model, M. Luchini, M. Ogata, W. Putikka and T. M. Rice, Physica C 185-189, 141 (1991).
- Aspects of the Phase Diagram of the Two-Dimensional t-J Model, W. O. Putikka, M. U. Luchini and T. M. Rice, Phys. Rev. Lett. 68, 538 (1992).
- Electromagnetic Skin Depth of Unconventional Superconductors, P. J. Hirschfeld, W. O. Putikka, P. Wölfle and Y. Campbell, J. Low Temp. Phys. 88, 395 (1992).
- Electromagnetic Power Absorption by Collective Modes in Unconventional Superconductors, P. J. Hirschfeld, W. O. Putikka and P. Wölfle, Phys. Rev. Lett. 69, 1447 (1992).
- Ferromagnetism in the Two-Dimensional t-J Model, W. O. Putikka, M. U. Luchini and M. Ogata, Phys. Rev. Lett. 69, 2288 (1992).
- Thermodynamics of the Gauge Field Theories of the t-J Model, R. Hlubina, W. O. Putikka, T. M. Rice and D. V. Khveshchenko, Phys. Rev. B46, 11224 (1992)(RC).
- Microwave Conductivity of d-wave Superconductors, P. J. Hirschfeld, W. O. Putikka and D. J. Scalapino, Phys. Rev. Lett. 71, 3705 (1993).
- Finite-Temperature Power Absorption by Collective Modes in Unconventional Superconductors, P. J. Hirschfeld and W. O. Putikka, Physica B 194-196, 1517 (1994).
- Microwave Response of d<sub>x<sup>2</sup>-y<sup>2</sup></sub> Superconductors, W. O. Putikka and P. J. Hirschfeld, Physica B 194-196, 2021 (1994).
- Indications of Spin-Charge Separation in the Two-Dimensional t-J Model, W. O. Putikka, R. L. Glenister, R. R. P. Singh and H. Tsunetsugu, Phys. Rev. Lett. 73, 170 (1994).
- d-wave Model for Microwave Response of High-T<sub>c</sub> Superconductors, P. J. Hirschfeld, W. O. Putikka and D. J. Scalapino, Phys. Rev. B50, 10250 (1994).
- Transport Properties of Extended-s State Superconductors, L. S. Borkowski, P. J. Hirschfeld and W. O. Putikka, Phys. Rev. B52, 3856 (1995)(RC).

- Thermal Conductivity of Zn, Pr and Tb doped YBCO Single Crystals: Theory and Experiment, P. F. Henning, G. Cao, J. E. Crow, W. O. Putikka and P. J. Hirschfeld, J. Supercond. 8, 453 (1995).
- Magnetic Frustration and Spin-Charge Separation in 2D Strongly Correlated Electron Systems, W. O. Putikka, J. Phys. Chem. Solids 56, 1747 (1995).
- Correlation Functions for the 2D t-J Model, W. O. Putikka in Physical Phenomena at High Magnetic Fields II, ed. by Z. Fisk, L. Gor'kov, D. Meltzer and R. Schrieffer (World Scientific, Singapore, 1996), p. 567.
- Distinguishing "Extended-S" and D-Symmetry Superconductors, W. O. Putikka, L. S. Borkowski and P. J. Hirschfeld in Physical Phenomena at High Magnetic Fields II, ed. by Z. Fisk, L. Gor'kov, D. Meltzer and R. Schrieffer (World Scientific, Singapore, 1996), p. 487.
- Entropy of 2D Strongly Correlated Electrons, W. O. Putikka in Proceedings of the 10th Anniversary HTS Workshop, ed. by B. Batlogg, C. W. Chu, W. K. Chu, D. U. Gubser and K. A. Müller (World Scientific, Singapore, 1996), p. 527.
- Theory of Thermal Conductivity in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub>, P. J. Hirschfeld and W. O. Putikka, Phys. Rev. Lett. 77, 3909 (1996).
- Violation of Luttinger's Theorem in the Two-Dimensional t-J Model, W. O. Putikka, M. U. Luchini and R. R. P. Singh, Phys. Rev. Lett. 81, 2966 (1998).
- Does the Two-Dimensional t-J Model have Hole Pockets?, W. O. Putikka, M. U. Luchini and R. R. P. Singh, J. Phys. Chem. Solids 59, 1858 (1998).
- Limits on Phase Separation for Two-Dimensional Strongly Correlated Electrons, W. O. Putikka and M. U. Luchini, Phys. Rev. B62, 1684 (2000).
- Low Energy Spin and Charge Excitations in the Two-Dimensional t-J Model: Comparison with Fermi and Bose Systems, W. O. Putikka, M. U. Luchini and R. R. P. Singh, submitted to Physical Review B.
- Suppression of Hole Density and Hole–Hole Correlations by Zn Impurities in High–T<sub>c</sub> Superconductors, Physica B312-313, 79 (2002).
- Theory of Optical Orientation in n-type Semiconductors, W. O. Putikka and R. Joynt, Phys. Rev. B70, 113201 (2004).
- Broad Peak in the d<sub>x<sup>2</sup>-y<sup>2</sup></sub> Superconducting Correlation Length as a Function of Hole Concentration in the Two-Dimensional t-J Model, W. O. Putikka and M. U. Luchini, Phys. Rev. Lett. 96, 247001 (2006).
- Theory of Electron Spin Relaxation in ZnO, N. J. Harmon, W. O. Putikka and R. Joynt, Phys. Rev. B79, 115204 (2009).
- Theory of Electron Spin Relaxation in n-doped Quantum Wells, N. J. Harmon, W. O. Putikka and R. Joynt, Phys. Rev. B81, 085320 (2010).
- Prediction of Extremely Long Mobile Electron Spin Lifetimes at Room Temperature in Wurtzite Semiconductor Quantum Wells, N. J. Harmon, W. O. Putikka and R. Joynt, Applied Physics Letters 98, 073108 (2011).
- 38. Entropy and Thermopower in the 2D t-J Model, Journal of Physics: Conference Series 640, 012046 (2015).

#### Kelly A. Whitney

Department of English | New Mexico State University P.O. Box 30001, MSC 3E Las Cruces, NM 88003 kwhit@nmsu.edu | (937) 414-2796

#### EDUCATION

#### Ph.D., Rhetoric and Professional Communication, Spring 2018 (expected)

New Mexico State University

**Dissertation:** Prevention, In(ter)vention, Communication: Medical Processes and Making Bodies that Matter

Committee: Kellie Sharp-Hoskins (chair), Patti Wojahn, Anthony Stagliano, Stephanie Lynch

**Graduate Certificate, Postsecondary Literacy Instruction**, 2012 University of Cincinnati

M.A., English, 2009 University of Dayton

**B.A., English,** 2007 The Ohio State University

#### PUBLICATIONS

#### **Refereed Journal Articles and Book Chapters**

- Whitney, Kelly A. "Studying and Writing Meeting Minutes: Lessons on the Rhetorical and Epistemological Work of Technical and Professional Writing." *Prompt: A Journal of Academic Writing Assignments* [Revise & Resubmit]
- Whitney, Kelly A. "Reading Readers' Affective Moments." The Writing Campus [Revise & Resubmit]
- Whitney, Kelly A. "Making Women's Bodies Matter: The Well-Woman Visit as a Site of Normalization." Woman, Patient, Advocate: 21st Century Women's Health Rhetorics [Under Review]
- Teston, Christa, Kristin Bivens, Laura Gonzales, and Kelly A. Whitney. "Surveying Precarious Publics." [Article-length manuscript in progress.]

Whitney, Kelly A. "Technology, Haptics, and Coming to Know Medical Bodies." [Article-length manuscript in progress for submission to *Technical Communication Quarterly*.]

#### Scholarly Reviews

Whitney, Kelly A. "Making Space to Engage Difference in the Classroom." Rev. of Toward a New Rhetoric of Difference by Stephanie L. Kerschbaum. WPA: Writing Program Administration, vol. 40, no. 3, 2017, pp. 117-21.

- Whitney, Kelly A. Rev. of Writing Childbirth: Women's Rhetorical Agency in Labor and Online by Kim Hensley Owens. Present Tense: A Journal of Rhetoric in Society, vol. 6, no. 1, 2016.
- Whitney, Kelly A. Rev. of Composition Studies through a Feminist Lens by Shari J. Stenberg. Peitho, vol. 19, no. 1, 2016.

#### **Non-Refereed Publications**

Whitney, Kelly A. "'Imagine That You Enter a Parlor': Researched Writing as Conversation." Paideia 16: Research, Writing, and Argument in English 111 at New Mexico State University, edited by Mais T. Al-Khateeb, Felicita Arzu Carmicheal, Kefaya Diab, Dylan Retzinger, Kellie Sharp-Hoskins, and Kelly A. Whitney. Hayden-McNeil, 2016. [Custom course textbook]

#### PRESENTATIONS

#### **International Conferences**

- "Making (the) Bodies (that) Matter: Race, Class, and Preventive Gynecologic Screenings." Feminisms and Rhetorics Conference. Dayton, Ohio, 2017.
- "This Might Be a Bad Thing': Civic Responsibility and Accountability in Student Writing." International Sun Conference on Teaching and Learning. El Paso, Texas, 2015.
- "Resituating Lived Experience through the Politics of Emergence in Transnational Feminist Rhetorics." Feminisms and Rhetorics Conference. Phoenix, Arizona, 2015.

#### National Conferences

- "Touching, Impressing, Knowing: On the Generative Work of Haptics in Clinical Encounters." Rhetoric Society of America Conference, Minneapolis, Minnesota, 2018. [Forthcoming]
- "[Technical] Writing about [Technical] Writing: Building Students' Literacy as Makers and Consumers of Technical Writing." Modern Language Association. New York, New York, 2018. [Forthcoming]
- "Technology, Haptics, and Coming to Know Medical Bodies." Symposium for the Rhetoric of Health and Medicine. Cincinnati, Ohio, 2017.
- "Examining Assumptions about Bodies: Revising for Ethical and Inclusive Writing." Workshop: Engaging Disability and Accessibility in Class Assignments: Integrating Disability Studies in the Fabric of Comp and Technical Communication Curriculum. Conference on College Composition and Communication. Portland, Oregon, 2017.
- "Asking Questions, Constructing Methods: Rhetorical Criticism for Non/Rhetoric Majors." Conference on Rhetoric and Writing Studies Undergraduate Programs. El Paso, Texas, 2016.
- "Terministic Framing' and Inventing Arguments: The Rhetorical Work and Boundaries of Citations in Medical Recommendations." Rhetoric Society of America Conference. Atlanta, Georgia, 2016.
- "Readers' Affective Moments as Sites for Critical Inquiry." Reading Workshop: Pedagogies, Processes, Purposes, Practices. Conference on College Composition and Communication. Houston, Texas, 2016.

#### **Regional Conferences**

- "Your Cakeday is Not Your Birthday': Discourse in the Imgur Community." Southwest Texas Popular/American Culture Association Conference. Albuquerque, New Mexico, 2014.
- "Disney, Rap, and Literacy: Using Popular Culture to Teach Composition and Reading." Two-Year College Association Southwest Conference. Austin, Texas, 2013.
- "Adult (II)literacy in the Two-Year College: The Evolving Role of English Faculty." College English Association of Ohio. Columbus, Ohio, 2010.
- "Problematic Pictures: The Heterosexual Trap Within Children's Literature." Southwest Pop Culture Association Conference. Albuquerque, New Mexico, 2009.
- "Passing on the Torch: The Importance of Veteran and Novice Tutor Interaction in the Writing Center." Northeast Writing Center Association Conference. Storrs, Connecticut, 2007.

#### **College/University Presentations & Workshops**

- "Conducting Research," English 111: Rhetoric & Composition, New Mexico State University, October 2016.
- Alumni Panel, The Ohio State University at Newark, November 2016.
- "Paying Attention to Readers' Affective Moments," New Mexico State University Writing Program, September 2016.
- "Introducing *Paideia 16*," New Mexico State University Writing Program, August 2016. [with Mais T. Al-Khateeb, Felicita Arzu Carmicheal, Kefaya Diab, Dylan Retzinger, and Kellie Sharp-Hoskins]
- "Inventing Topics and Preparing for the Rhetoric Society of America Conference," New Mexico State University English Department, April 2016.
- "Analyzing Written Feedback for Consistency, Clarity, and Consequence," New Mexico State University Writing Program, April 2016.
- "Assignment Making as a Process: Assignments as Ecosystems," New Mexico State University Teaching Academy, February 2016.
- "Return to Rhetoric: Understanding the 'Rhetoric' of 'Rhetoric and Composition," New Mexico State University Writing Program, January 2016.
- "Connecting Reading and Research in 200-Level Courses," New Mexico State University Writing Program, October 2015.
- "Incorporating Research into English 203 & 218," New Mexico State University Writing Program, August 2015.
- "(Dis)Abling Writing: Towards an Accommodating Classroom," New Mexico State University Writing Program, August 2015.
- "Conceptualizing Revision in Writing Courses," New Mexico State University Writing Program, April 2015.

<sup>&</sup>quot;The Writing Teacher as Reading Teacher: Reappropriating Reading Instruction in Composition." Conference on College Composition and Communication. Tampa, Florida, 2015.

- "Situating the Documented Argument in English 111," New Mexico State University Writing Program, February 2015.
- "Using Textbooks in English 111," New Mexico State University Writing Program, January 2015.
- "Preparing for Your Next Semester Through Reflection," New Mexico State University Writing Program, November 2014.
- "Norming Session," New Mexico State University Writing Program, October 2014.
- "Critical Reading in the Writing Class," New Mexico State University Writing Program, September 2014.
- "Portfolios in Writing Classes," New Mexico State University Writing Program, August 2015.
- "Following the Rainbow: A Look into the Events that Sparked the Stonewall Riots." The Ohio State University at Newark History Conference. Newark, Ohio, 2007.

#### AWARDS, FELLOWSHIPS, AND GRANTS

#### **Research Awards**

- Barbara Heifferon Graduate Student Fellowship, Symposium for the Rhetoric of Health and Medicine, Sep. 2017.
- Research and Creative Activities Award, English Department, New Mexico State University, Dec. 2016, \$200.

Office of Assessment Quality Initiative Grant, New Mexico State University, Aug. 2015, \$2,483.

Summer Research Fellowship Award, University of Dayton Graduate School, May 2008, \$1,000.

#### **Teaching Awards**

Stuart Brown Scholarship for Excellence in Teaching and Writing, English Department, New Mexico State University, May 2017, \$1000.

Instructor of the Month, Miami-Jacobs College, 2011.

Golden Apple Teaching Award Winner, Miami-Jacobs College, 2011.

Faculty Award of Excellence in Teaching, Southwestern Ohio Council for Higher Education, 2010.

Golden Apple Teaching Award Nominee, Miami-Jacobs College, 2010.

Golden Apple Teaching Award Nominee, Miami-Jacobs College, 2009.

#### Additional Competitive Travel Awards and Fellowships

Graduate Student Travel Grant, College of Arts & Sciences, New Mexico State University, Oct. 2017, \$500.

Graduate Student Travel Grant, English Department, New Mexico State University, May 2017, \$500.

Graduate Student Endowment Fund, English Department, New Mexico State University, May 2017, \$775.

Vera Newman Award, English Department, New Mexico State University, Dec. 2016, \$750.

Graduate Student Travel Grant, English Department, New Mexico State University, May 2016, \$500.

Graduate Student Endowment Fund, English Department, New Mexico State University, May 2016, \$100.

Graduate Student Travel Grant, English Department, New Mexico State University, May 2015, \$500.

- Graduate Student Travel Grant, College of Arts & Sciences, New Mexico State University, Sep. 2013, \$500.
- Research and Creative Activities Award, English Department, New Mexico State University, Dec. 2013, \$850.

Travel Research Grant, The Ohio State University at Newark, March 2007, \$500.

#### TEACHING

**New Mexico State University,** Graduate Teaching Assistant, Aug. 2013 – present Instructor of Record:

English 318: Advanced Technical and Professional Communication [2 sections online]

English 301: Theory and Criticism: Rhetoric and Culture [1 section]

English 218: Technical and Scientific Communication [1 section online]

English 203: Business and Professional Communication [2 sections face-to-face, 1 section online]

English 111: Rhetoric and Composition [1 section]

English 111 CAMP: Rhetoric and Composition for College Assistance Migrant Program student learning community [1 section]

Teaching Assistant:

English 571: Composition Pedagogy Practicum [1 section]

English 497/597: Internship in Technical and Professional Communication [1 section]

Baylor University, Adjunct Lecturer, Aug. 2016 - present

#### Courses taught:

English 3303: Persuasive and Argumentative Writing [1 section]

English 3300: Technical Writing [5 sections]

English 1304: Thinking, Writing, and Research [1 section]

English 1302: Thinking and Writing [2 sections]

U.S. Sergeants Major Academy, Fort Bliss Army Post, Writing Instructor, May 2014 – June 2014 Courses taught:

Writing Preparation Course: Introduction to academic writing for international students [2 sections]

**Miami-Jacobs College,** Associate English Instructor, June 2007 – Dec. 2013 Courses taught:

> English 210/Communications 102: Oral Communications [32 sections] Business 205: Business Communications [1 section] English 102: English Composition II [7 sections] English 101/Communications 101: English Composition I [29 sections] English 001/Communications 001: Developmental Writing [12 sections] General Studies 201: Career Management [4 sections] General Studies 101/PS 104: Professional Development [13 sections] SWTS: College Entrance Review [8 sections]

**University of Dayton**, Graduate Teaching Assistant, Aug. 2007 – May 2009 Instructor of Record:

English 102: First-Year Composition II [4 sections]

English 101: First-Year Composition I [4 sections]

#### ADMINISTRATIVE EXPERIENCE

Writing Across the Curriculum Faculty Workshop Co-Director, New Mexico State University, May 2014 - present

Writing Program Coordinator, New Mexico State University, Aug. 2014 - Dec. 2016

Graduate Teaching Assistant Seminar in Writing, Teaching, and Learning in the Disciplines Developer & Facilitator, New Mexico State University, Aug. 2015 – Dec. 2015

Online Education Program Advisor, Miami-Jacobs College, Aug. 2011 - Dec. 2012

#### SERVICE

#### Professional

Copy Editor, Community Literacy Journal, January 2017 - present

Proposal Reviewer, International Writing Across the Curriculum Conference, 2016

#### Institutional

Writing Center & Online Writing Center Consultant, New Mexico State University Writing Center, Aug. 2013 – present.

President, RSA @ NMSU, Rhetoric Society of America Graduate Student Chapter, New Mexico State University, Aug. 2016 – Aug. 2017

Mentor, Peer Observation and Discussion Program, Aug. 2014 - May 2017

- Online Writing Center YouTube Content Creator, New Mexico State University, 2015 Videos published:
  - "Shaping Your Topic and Narrowing the Scope of Your Writing"
  - "Invention Strategies Beyond Freewriting, Clustering, and Listing"
  - "Thinking About Writing Style Rhetorically"
  - "Reading and Annotating Difficult Texts"
  - "Writing a Professional Email"
  - "Using Microsoft Word's Tack Changes and Insert Comment Functions to Generate Ideas for Revision"

Peer Writing Consultant, The Ohio State University at Newark Writing Lab, Aug. 2005 - June 2007

#### PROFESSIONAL DEVELOPMENT

- "Strategies for Teaching Online." Online Course Improvement Program, New Mexico State University, August 2017.
- "ATTW Graduate Student Career Workshop." Association of Teachers of Technical Writing, Portland, Oregon, March 2017.
- "Creating an Effective Writing Group." Baylor Academy for Teaching and Learning, November 2016.
- "Helping Students Learn Disciplinary Ways of Thinking: A Model to Decode the Disciplines." Baylor Academy for Teaching and Learning, October 2016.
- "Greater Than the Human Brain: Harnessing the Power of Digital Scholarship for Teaching and Learning." Baylor Academy for Teaching and Learning, September 2016.
- "Success for All Students: Effective Use of Learning Accommodations in the College Classroom." Baylor Academy for Teaching & Learning, September 2016.
- "Preconference Workshop." Association for the Rhetoric of Science, Technology & Medicine. Rhetoric Society of America, Atlanta, Georgia, May 2016.
- "Accessible Videos." Online Course Improvement Plan, New Mexico State University, April 2016.
- "Prepping to Teach Online." Writing Program, New Mexico State University, April 2016.
- "Diversity in the Classroom and Beyond: Embracing Social Differences in Educational Practice." Teaching Academy, New Mexico State University, February 2016.
- "Document Design for Teachers: Issues of Usability and Accessibility." Writing Program, New Mexico State University, February 2016.
- "Writing Across Borders Film and Discussion." Teaching Academy, New Mexico State University, April 2014.

Study abroad in Paris, France, Summer 2008.

#### PROFESSIONAL MEMBERSHIPS

Association for the Rhetoric of Science, Technology, and Medicine

Association for Teachers of Technical Writing Coalition of Feminist Scholars in the History of Rhetoric and Composition Modern Language Association National Council of Teachers of English Rhetoric Society of America

#### REFERENCES

#### Dr. Kellie Sharp-Hoskins

Assistant Professor of English Department of English New Mexico State University P.O. Box 30001, MSC 3E Las Cruces, NM 88003 kcsharp@nmsu.edu (575) 646-3931

#### Dr. Patti Wojahn

Professor of English Department of English New Mexico State University P.O. Box 30001, MSC 3E Las Cruces, NM 88003 pwojahn@nmsu.edu (575) 646-5712

#### Dr. Anthony Stagliano

Assistant Professor of English Department of English New Mexico State University P.O. Box 30001, MSC 3E Las Cruces, NM 88003 staglian@nmsu.edu (575) 646-2468

#### Dr. Chris Burnham

Regents Professor Department of English New Mexico State University P.O. Box 30001, MSC 3E Las Cruces, NM 88003 cburnham3750@gmail.com 575-646-7993

Last updated: Oct. 8, 2017



### THE OHIO STATE UNIVERSITY

Department of Electrical and Computer Engineering

205 Dreese Labs 2015 Neil Avenue Columbus, OH 43210

614-292-2572 Phone 614-292-7596 Fax ece.osu.edu

December 12th, 2018

Dr. Carolyn Sommerich, Chair, College Committee on Academic Affairs Department of Integrated Systems Engineering The Ohio State University 276 Baker Systems 1971 Neil Avenue Columbus, OH 43210

Dear Dr. Sommerich:

I am writing to express my support of the proposed Bachelor of Science in Engineering Technology (BSET). This new degree program will offer students an integrated understanding of foundational aspects of manufacturing engineering technology and management. As the proposal states, the BSET program "reflects the mission of the College of Engineering to develop education and outreach programs that enhance economic competitiveness regionally, nationally and globally." I concur with the BSET proposal and support its approval.

Sincerely,

DocuSigned by: Hesham El Gamal

Under 200506088846A... Hesham El Gamal Professor and Chair Electrical and Computer Engineering Department The Ohio State University

# THE OHIO STATE UNIVERSITY

EED Department of Engineering Education

College of Engineering

244 Hitchcock Hall 2070 Neil Avenue Columbus, OH 43210

(614) 292-7923 Phone (614) 247-6255 Fax

eed.osu.edu

January 23, 2019

Dr. Carolyn Sommerich Chair, College Committee on Academic Affairs Department of Integrated Systems Engineering The Ohio State University 276 Baker Systems 1971 Neil Avenue Columbus, OH 43210

Dear Dr. Sommerich:

I am writing to express my support of the proposed Bachelor of Science in Engineering Technology (BSET). This new degree program will offer students an integrated understanding of foundational aspects of manufacturing engineering technology and management. As the proposal states, the BSET program "reflects the mission of the College of Engineering to develop education and outreach programs that enhance economic competitiveness regionally, nationally and globally." I concur with the BSET proposal and support its approval.

Sincerely,

She marams

Lisa M. Abrams, PhD, PE Interim Department Chair



#### College of Engineering

Department of Integrated Systems Engineering

210 Baker Systems Engineering Building 1971 Neil Avenue Columbus OH 43210-1271

> 614-292-6239 Phone 614-292-7852 Fax

December 14, 2018

Dr. Carolyn Sommerich, Chair, College Committee on Academic Affairs Department of Integrated Systems Engineering The Ohio State University 276 Baker Systems 1971 Neil Avenue Columbus, OH 43210

Dear Dr. Sommerich:

I am writing to express my support of the proposed Bachelor of Science in Engineering Technology (BSET). This new degree program will offer students an integrated understanding of foundational aspects of manufacturing engineering technology and management. As the proposal states, the BSET program "reflects the mission of the College of Engineering to develop education and outreach programs that enhance economic competitiveness regionally, nationally and globally." I concur with the BSET proposal and support its approval.

Sincerely,

Farhang Pourboghrat Professor and Chair Tel: (614) 292-3124 E-mail: <u>pourboghrat.2@osu.edu</u>

# THE OHIO STATE UNIVERSITY

#### College of Engineering

Department of Mechanical and Aerospace Engineering

> Scott Laboratory 201 W. 19th Avenue Columbus, OH 43210

614-292-2289 Phone

mae.osu.edu

14 January 2019

Dr. Carolyn Sommerich Chair, College Committee on Academic Affairs The Ohio State University

#### **Re: MAE Concurrence on proposed BSET program**

Dear Carolyn,

The Department of Mechanical & Aerospace Engineering is pleased to give its concurrence to the proposed Bachelor of Science in Engineering Technology degree program. We believe this program will fill an important (and overlooked) gap in engineering education in Ohio, and are confident that the graduates of this program will provide much needed engineering technologists for the state's industrial base.

Further, we are in agreement that the faculty hired to teach courses in "Mechanical Engineering" for this program will be hired and promoted under the purview of the MAE department, while the cost for these faculty will be borne by the regional campus at which they reside.

Best regards,

V/m/p

Vish Subramaniam Professor and Chair

# The Ohio State University

College of Engineering Department of Materials Science and Engineering

> 177 Watts Hall 2041 N. College Rd. Columbus, OH 43210

614-688-3050 Phone 614-292-4668 Fax

mse.osu.edu

January 23, 2019

Dr. Carolyn Sommerich, Chair, College Committee on Academic Affairs Department of Integrated Systems Engineering The Ohio State University 276 Baker Systems 1971 Neil Avenue Columbus, OH 43210

Dear Dr. Sommerich:

I understand that the proposed Bachelor of Science in Engineering Technology (BSET) has passed review by the College Committee on Academic Affairs. As the proposal progresses to the CAA, I thought it would be helpful to express support on behalf of the Department of Materials Science and Engineering. I have conferred with Profs. Michael Sumption and David Phillips, chairs of the undergraduate studies committees for the Materials Science and Engineering Program and Welding Engineering Program, respectively. There is strong support for this new degree program; it will offer students an integrated understanding of foundational aspects of manufacturing engineering technology and management—including a component on engineering materials in the context of manufacturing. The BSET program indeed is compatible with the department mission to "create, transfer, and preserve knowledge through impactful research, dynamic teaching, and the effective training of our future colleagues in materials science and welding engineering." I concur with the BSET proposal and support its approval.

Sincerely,

Erom. Ander

Peter M Anderson Professor and Chair Department of Materials Science and Engineering | <u>mse.osu.edu</u> 614-292-6255 | <u>anderson.1@osu.edu</u> | <u>mse.osu.edu/people/anderson.1</u>

c: Profs. Michael Sumption, David Phillips, and Glenn Daehn

Status: PENDING

#### PROGRAM REQUEST

Last Updated: Reed,Kathryn Marie 02/26/2019

Bachelor of Science Degree in Engineering Technology

Fiscal Unit/Academic Org Administering College/Academic Group Co-adminstering College/Academic Group Semester Conversion Designation Proposed Program/Plan Name Type of Program/Plan Program/Plan Code Abbreviation Proposed Degree Title Engineering Administration - D1400 Engineering Engineering New Program/Plan Bachelor of Science Degree in Engineering Technology Undergraduate bachelors degree program or major ENGRTEC Bachelor of Science in Engineering Technology

#### Credit Hour Explanation

| Program credit hour requi                                | irements | A) Number of credit hours<br>in current program (Quarter<br>credit hours) | B) Calculated result for<br>2/3rds of current (Semester<br>credit hours) | C) Number of credit hours<br>required for proposed<br>program (Semester credit<br>hours) | D) Change in credit hours |
|--|----------|---|--|--|---------------------------|
| Total minimum credit hours<br>completion of progra       |          |   |  | 122  |                           |
| Required credit hours<br>offered by the unit             | Minimum  |   |  | 94   |                           |
|  | Maximum  |   |  | 95   |                           |
| Required credit hours offered outside of the unit        | Minimum  |   |  | 27   |                           |
|  | Maximum  |   |  | 27   |                           |
| Required prerequisite credit<br>hours not included above | Minimum  |   |  |  |                           |
|  | Maximum  |   |  |  |                           |

#### **Program Learning Goals**

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

**Program Learning Goals** 

- Systems Thinking & Problem Solving: The successful student will be able to effectively solve problems by applying the appropriate engineering technologies, tools and techniques within systems of equipment, controls and people.
- Professional Skills/Communication: A successful student will be able to demonstrate, appreciate, and master interpersonal communications skills in the modern workplace.
- Business: A successful student will be able to understand business terminology, analyze values of alternatives, and communicate the business, societal and global impacts effectively.
- Continuous Improvement: The successful student will be able to optimize processes and systems with respect to quality, timeliness, and continuous improvement.

#### Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No

Bachelor of Science Degree in Engineering Technology - Page 1

Status: PENDING

#### PROGRAM REQUEST

Bachelor of Science Degree in Engineering Technology

Last Updated: Reed,Kathryn Marie 02/26/2019

#### DIRECT MEASURES (means of assessment that measure performance directly, are authentic and minimize mitigating or intervening factors)

#### Classroom assignments

- Embedded testing (i.e. specific questions in homework or exams that allow faculty to assess students' attainments of a specific learning goal)
- Other classroom assessment methods (e.g., writing assignments, oral presentations, oral exams)

#### Evaluation of a body of work produced by the student

- · Practicum, internship or research evaluation of student work
- · Capstone course reports, papers, or presentations

#### INDIRECT MEASURES (means of assessment that are related to direct measures but are steps removed from those measures)

#### Surveys and Interviews

- Student survey
- Alumni survey
- Employer feedback or survey
- Student evaluation of instruction
- Student interviews or focus groups

#### Additional types of indirect evidence

- · Job or post-baccalaureate education placement
- External program review
- Curriculum or syllabus review
- Grade review

USE OF DATA (how the program uses or will use the evaluation data to make evidence-based improvements to the program periodically)

- · Meet with students directly to discuss their performance
- · Analyze and discuss trends with the unit's faculty
- · Analyze and report to college/school
- Analyze and report to accrediting organization
- · Make improvements in curricular requirements (e.g., add, subtract courses)
- · Make improvements in course content
- Make improvements in course delivery and learning activities within courses
- Make improvements in learning facilities, laboratories, and/or equipment
- Periodically confirm that current curriculum and courses are facilitating student attainment of program goals
- · Benchmark against best programs in the field

#### **Program Specializations/Sub-Plans**

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

#### **Pre-Major**

Does this Program have a Pre-Major? No

| Status: PENDING    | PROGRAM REQUEST Last Updated: Re<br>Bachelor of Science Degree in Engineering<br>Technology   | ed,Kathryn Marie<br>02/26/2019 |
|--------------------|---|--------------------------------|
| <u>Attachments</u> | <ul> <li>COE_Letter_of_support_BSET.pdf: Letter<br/>(Letter from the College to OAA. Owner: Quinzon-Bonello, Rosario)</li> <li>BSET_Proposal_2.4.19_FINAL.pdf: Proposal<br/>(Program Proposal. Owner: Quinzon-Bonello, Rosario)</li> <li>COE - Proposal to establish a Bachelor of Science Degree in Engineering Technology.pdf: Propos<br/>(Program Proposal. Owner: Reed, Kathryn Marie)</li> </ul> | al - Revised                   |

# Comments

#### **Workflow Information**

| Status           | User(s)                                  | Date/Time           | Step                   |
|------------------|--|---------------------|------------------------|
| Submitted        | Quinzon-Bonello,Rosario                  | 02/04/2019 02:36 PM | Submitted for Approval |
| Approved         | Quinzon-Bonello,Rosario                  | 02/04/2019 02:36 PM | Unit Approval          |
| Approved         | Quinzon-Bonello,Rosario                  | 02/04/2019 02:36 PM | College Approval       |
| Pending Approval | Johnson,Jay Vinton<br>Reed,Kathryn Marie | 02/04/2019 02:36 PM | CAA Approval           |

#### Appendix LII

Memorandum

| То:      | University Senate   |
|----------|---|
| From:    | Eric C. Bielefeld, Chair, Council on Academic Affairs                     |
| Subject: | Proposal to Establish the Master of Engineering Management Degree Program |
| Date:    | April 2, 2019   |

# A PROPOSAL FROM THE COUNCIL ON ACADEMIC AFFAIRS TO ESTABLISH THE MASTER OF ENGINEERING MANAGEMENT DEGREE PROGRAM, COLLEGE OF ENGINEERING

| Whereas | this is a post-baccalaureate professional degree aimed at practicing engineers,<br>with a title that conveys both the technical aspects of an engineering degree<br>and the important management and leadership skills necessary for success in<br>business management and economic, social, and political domains, and with a<br>target audience of engineers from the public or private sectors who have been<br>in the field 3-10 years; and |
|---------|---|
| Whereas | the degree program is aligned with the College of Engineering's Strategic Plan updated in 2018; and   |
| Whereas | it is a 30 semester credit hour program (core and elective courses and a capstone course), that students can complete on a full or part time basis, with content for the degree provided by faculty in the College of Engineering and content experts in the John Glenn College of Public Affairs and the Fisher College of Business, and with delivery by distance education technology; and   |
| Whereas | following review by the combined Graduate School/Council on Academic Affairs subcommittee, the proposal was reviewed and approved by the Council on Academic Affairs at its meeting on March 20, 2019;  |

Therefore be it resolved that the University Senate approve the proposal to establish the Master of Engineering Management degree program and respectfully request approval by the Board of Trustees.

| TO:   | Randy Smith, Vice Provost for Academic Programs                    |
|-------|--|
| FROM: | Jennifer Schlueter, Faculty Fellow for Curriculum, Graduate School |
| DATE: | 26 February 2019   |
| RE:   | Proposal to for a Master of Engineering Management                 |

The College of Engineering in partnership with the John Glenn College of Public Affairs and the Fisher College of Business is proposing a new Master of Engineering Management. This degree is "a professional program aimed at practicing engineers seeking to increase their management and leadership skills." It requires 30 credit hours and may be undertaken on a full- or part-time basis.

The proposal was received by the Graduate School on 26 October 2018. It was reviewed by the combined GS/CAA Curriculum subcommittee, co-chaired by Associate Dean Shari Speer and Faculty Fellow Jennifer Schlueter, on 29 November 2018. Revisions were requested 2 December 2018 and received 18 December 2018. It was moved forward to the Graduate Council, where it was reviewed and unanimously approved by that body on 22 February 2019.

| From:        | Mick, Robert  |
|--------------|---|
| To:          | Schlueter, Jennifer   |
| Cc:          | Quinzon-Bonello, Rosario; Speer, Shari; Toft, Jill A.; Benatar, Avi |
| Subject:     | RE: proposal for a new Master of Engineering Management             |
| Date:        | Tuesday, December 18, 2018 3:05:13 PM                               |
| Attachments: | MasterEngineeringManagement Proposal Revised forGradSchool.pdf      |

Dr. Schlueter,

The revised Master Engineering Management proposal is attached including a cover sheet with answers to the committee's questions. We also met with Dr. Sheer this week regarding the fuller proposal and thank you for that recommendation.

Please let me know if you have any questions.

Thank you,

Bob Mick Director Professional & Distance Education Programs Office Master Global Engineering Leadership (<u>MGEL</u>) The Ohio State University College of Engineering 356A Bevis Hall, 1080 Carmack Rd., Columbus, OH 43210 614-292-0393 Office Mick,15@osu.edu Professionals.engineering.osu.edu

From: Quinzon-Bonello, Rosario <quinzon-bonello.1@osu.edu>
Sent: Monday, December 3, 2018 12:14 PM
To: Mick, Robert <mick.15@osu.edu>
Cc: Tomasko, David <tomasko.1@osu.edu>
Subject: FW: proposal for a new Master of Engineering Management
Importance: High

Hello Bob,

I am forwarding you feedback from Jen Schlueter, who is chair of the Graduate School/CAA curriculum subcommittee. When you submit a revision to her, can you please copy me, as well?

Thanks,

Rosie

From: Schlueter, Jennifer <<u>schlueter.10@osu.edu</u>>
Sent: Sunday, December 2, 2018 7:38 PM
To: Quinzon-Bonello, Rosario <<u>quinzon-bonello.1@osu.edu</u>>
Cc: Speer, Shari <<u>speer.21@osu.edu</u>>; Toft, Jill A. <<u>toft.20@osu.edu</u>>

#### Subject: proposal for a new Master of Engineering Management

Dear Professor Quinzon-Bonello:

At its 29 November 2018 meeting, the combined Graduate School/CAA curriculum subcommittee, which I chair as Faculty Fellow, reviewed your proposal for a new Master of Engineering Management. The subcommittee was enthusiastic about this new program and are eager to see this proposal move forward. We have a few requests for revision before we can do so, however. As you revise, I invite and encourage you to meet with Associate Dean Shari Speer to discuss this and the fuller proposal that will ultimately go "downtown" before the Chancellor's Council on Graduate Studies.

When you submit your revised proposal to the subcommittee, please include a cover sheet that points us to where in the revision we can find your responses to our queries.

- Because this program will be 100% online, an MOU with the Office of Distance Education and eLearning must be in place. More information is available here <u>https://odee.osu.edu/program-development</u>
- 2. Because this proposal will be reviewed by faculty outside your discipline, some terminology either presents a barrier to comprehension or opens the door to confusion because it is deployed differently between programs. For the subcommittee, terms like "Lean Sigma" fit the former category; "Sensemaking" fit the latter. If you can find ways to help the layperson follow along, we'd be grateful.
- 3. Can a student complete this program in one year if they choose?

Upon receipt of your revised proposal, the subcommittee will revisit. You may wish to meet with Associate Dean Speer before doing so.

All the best, Jen Jennifer Schlueter, PhD Associate Professor and Lab Series Producer: Department of Theatre Project Director: Social Change, Community Engagement, and Creative Practices Discovery Theme Faculty Fellow for Curriculum: Graduate School 1103 Drake Performance and Event Center 1849 Cannon Drive / Columbus OH / 43210-1234 614.688.3778 / jenniferschlueter.com

# THE OHIO STATE UNIVERSITY

Professional & Distance Education Programs College of Engineering

> 356 Bevis Hall 1080 Carmack Rd Columbus, OH 43210

(614) 292-0393 Phone

Date: December 18, 2018

RE: Proposal for a new degree program Master Engineering Management (MEM) Response's for Graduate School / CAA curriculum subcommittee

Dear Committee Members:

Please find attached our revised proposal that includes answers to your questions listed below:

 Because this program will be 100% online, an MOU with the Office of Distance Education and eLearning must be in place. More information is available here <u>https://odee.osu.edu/programdevelopment</u>

Answer: The MOU is attached.

2. Because this proposal will be reviewed by faculty outside your discipline, some terminology either presents a barrier to comprehension or opens the door to confusion because it is deployed differently between programs. For the subcommittee, terms like "Lean Sigma" fit the former category; "Sensemaking" fit the latter. If you can find ways to help the layperson follow along, we'd be grateful.

Answer: An Appendix E has been added that includes course descriptions.

3. Can a student complete this program in one year if they choose?

Answer: No. But students can complete the degree in as few as four semesters and it depends upon which term they begin enrollment. This information has been added to the proposal page 2, last paragraph. Appendix C has also been revised to show additional sample study plans.

Sincerely,

Bob Mick and Dr. Avi Benatar

#### THE OHIO STATE UNIVERSITY College of Engineering Proposal for a professional Master of Engineering Management degree

#### **Executive Summary**

The proposed Master of Engineering Management (MEM) degree is a professional program aimed at practicing engineers seeking to increase their management and leadership skills. MEM degrees are technically based programs that teach methods to manage business initiatives, projects and team members in an engineering setting. These methods can be applied throughout any engineering discipline. Courses in Master of Engineering Management programs are designed to develop an understanding of how to manage both the technological and human resources sides of engineering. The MEM program is designed for working professionals and will be delivered completely online.

#### I. Introduction and Overview

The College of Engineering (CoE) at The Ohio State University, in partnership with the John Glenn College of Public Affairs and The Fisher College of Business, proposes a new professional master's degree in Engineering.

#### a) Designation

The degree will be called the Master of Engineering Management (MEM).

#### b) Rationale

The proposed degree is a professional degree at the post-baccalaureate level aimed at practicing engineers. It is not a research degree and thus the Master of Science degree is not appropriate. The title of Master of Engineering Management is intended to convey both the technical aspects of an engineering degree and the equally important management and leadership skills necessary to succeed in a business management as well as in economic, social and political domains.

The target audience for the MEM degree is engineers in business, industry and government who have worked in the field for three to ten years. More recent graduates will also be considered for the program based on their qualifications and experience, but the focus is on early to mid-career engineering professionals. Prospective students may be employed in either the public or private sectors (for profit or non- profit). They aspire to learn engineering management skills that prepare them to be leaders in their organizations.

#### c) Purpose, Focus and Significance

Master of Engineering Management degrees bridge the gap between the fields of engineering and business management. MEM degrees are technically based programs that teach methods to manage business initiatives, projects and team members in an engineering setting. MEM coursework typically includes topics such as project management, leadership, team building, innovation, and financial management.

The College of Engineering launched a technically based program in Autumn 2014,

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the online Master Global Engineering Leadership (MGEL) degree. The MGEL is similar to other existing MEM degrees because the core curriculum includes courses in business and policy. What separates the MGEL from traditional MEM degrees is its inclusion of a technical track – four specialized, advanced engineering courses in a single discipline (e.g. automotive systems engineering) like a traditional MS student may take. (See Appendix A for complete MGEL curriculum)

The College of Engineering Strategic Plan, revised in 2018, calls for the addition of a traditional MEM degree in order for the college to meet the needs of students from two different populations. Students who enroll in the existing MGEL program are likely to lead technical teams in a singular engineering discipline matching the area of their chosen technical track, while MEM students are likely to be desirous of growing their careers with general management positions in a variety of engineering environments.

The content for the Master of Engineering Management degree will be provided by faculty in the College of Engineering, content area experts in the John Glenn College of Public Affairs and The Fisher College of Business. The delivery by distance education technology provides the ideal environment for working professionals.

Engineers who complete the MEM will be able to:

- understand the numbers in financial statements, apply the fundamentals of managerial accounting to manage projects to success, and support the financial objectives of an organization;
- lead diverse, effective teams in innovative directions including projects in the context of their enterprise's overall strategic mission, whether in the public or private sector, including the implications of managing globally;
- evaluate performance and conduct productive communication with business leaders, teams, and subordinates;
- understand intrapreneurship and entrepreneurship to advance new products and services and apply knowledge more effectively in innovative directions;
- learn information visualization techniques that help managers analyze massive amounts of digital data to combat overload and aid sensemaking with engineering applications in business and financial decision making;
- understand the complexities between science, engineering, and public policy, while recognizing the importance of global trends in their fields from the entire curriculum and capstone course.

#### II. Proposed Curriculum

The proposed curriculum is a minimum of 30 semester credit hour program. Students have the flexibility of taking the curriculum on a full or part time basis. Depending upon their term of enrollment, students may complete the degree in as little as one and a half years. All students must complete the degree within four years unless the Graduate Studies Committee (formed specifically for this program) grants an extension. Students may be awarded up to three hours of credit for previous coursework completed elsewhere. (See Appendices B & C for more details) The curriculum includes three components with course descriptions in Appendix E:

Page 2 of 5

#### a) The Required Core (15-16 credit hours):

This integrated core includes business, public administration and engineering courses including topics such as engineering leadership, project management, innovation, entrepreneurship, teambuilding, and financial accounting.

- ENGR 6210 Leadership and Team Effectiveness (3 credits)\*
- o ENGR 6220 Accounting/Finance for Engineers (3 credits)
- ENGR 6230 Technology Strategy & Innovation Management (3 credits)
- o ISE 6801 Project Management (3 credits)
- ISE 5760 Visual Analytics for Sensemaking (3 credits)
- o PUBAFRS 6050 Management in Public Agencies (4 credits)\*
- PUBAFRS 6060 Managerial Leadership in Public and Nonprofit Organizations (3 credits)\*

\*Students take either ENGR6210, PUBAFRS 6050 or PUBAFRS 6060 depending on whether they are focused on the public or private sector. PUBAFRS 6050 or PUBAFRS 6060 can be taken as an elective if ENGR 6210 is chosen.

#### b) <u>Electives (12 credit hours)</u>

The elective courses provide opportunities for students to enhance their engineering management in areas of sustainability, global supply chains, risk analysis, policy, and data analytics. Students select courses from the following to full-fill the electives portion of the curriculum:

- o ENGR 7200 Engineering Ethics and Professionalism (1 credit)
- ISE 5810 Lean Sigma Foundations (4 credits)
- ENVENG 6600 Assessment for Human Rights and Sustainability (3 credits)
- o ENVENG 5600 Science, Engineering and Public Policy (3 credits)
- o PUBAFRS 5610 Innovation, Policy, and the Global Economy (3 credits)
- PUBAFRS 5750 The Business-Government Relationship (3 credits)
- PUBAFRS 5770 Risk and Decision Analysis in Public Affairs (3 credits)
- o PUBAFRS 6075 Data, Models & Evaluation (3 credits)
- MBA 6233 Operations Management (3 credits)
- o BUSMHR 7244 Negotiation (3 credits)
- o MBA 6273 Data Analysis for Managers (3 credits)
- MBA 6253 Marketing Management (3 credits)

Note: Students can take a max. 10 hrs in PUBAFRS courses from the core and electives.

#### c) Capstone Course (3 credit hours)

The capstone course is a culminating experience providing students the opportunity to solve real-world challenges by utilizing skills learned from all the MEM courses, while implementing the principles of operational excellence and lean systems in an organization. (Proposed course syllabus in Appendix D)

 ENGR 6XXX Capstone Project in Operational Excellence for Engineers (3 credits)

#### **III.** Administrative Arrangements (Details on arrangements are in Appendix B)

The MEM degree will be administered by the College of Engineering through the Professional and Distance Education Programs Office. The MEM Graduate Studies Committee (GSC) will be established within the College to coordinate the operation of the program.

#### a) Graduate Studies Committee (GSC)

The MEM Faculty Director will act as the chair of the MEM-GSC. The MEM-GSC will consist of these voting members: the MEM Faculty Director, one representative from the John Glenn College of Public Affairs, one representative from the Fisher College of Business, and two Engineering faculty who teach MEM courses. The MEM-GSC will include the College of Engineering Director of Professional and Distance Education Programs and the PDEP Program Coordinator as non-voting members.

*Office of Distance Education and eLearning (ODEE)* The proposed program will be developed in partnership with the Office of Distance Education & eLearning (ODEE).

#### c) Industry Advisory Board (IAB)

The Industry Advisory Board for the MGEL degree will also be utilized and engaged for the MEM degree to help ensure the curriculum remains relevant to the needs of industry.

#### d) MEM Operations

The Director of Professional and Distance Education Programs (PDEP) in the College of Engineering will be responsible for the overall administration of the MEM degree. The PDEP Program Coordinator for the MGEL degree will also act as the Program Coordinator for the MEM and be responsible for the day-to-day operations.

#### IV. Evidence of Need

The College of Engineering conducted extensive research for the development of the MGEL degree that is also relevant and provides evidence of need for the MEM. More importantly, the PDEP office that manages the MGEL degree has collected additional and significant information and data providing evidence of need for the MEM degree.

There are many universities that offer traditional Master of Engineering Management degrees. The college's MGEL degree was intended to be a unique version of an MEM with the addition of a technical track. While the MGEL has had strong interest, there has been a significant number of requests for a more traditional program.

Since 2014, the MGEL program has received 597 direct program inquiries through email, phone calls, and online information sessions. Of the 597 inquiries, 401 potential students stated that while they were interested in the program, they would not apply because our technical tracks were not of interest to them and they wanted to pursue a traditional MEM.

Page 4 of 5

Based on the large number of direct inquiries including those who have spoken out in favor for an OSU MEM degree, there is a strong evidence of need. Additionally, there is a very low cost associated with developing the MEM degree. The core courses of the MEM and MGEL will be very similar, reducing the need for additional resources. The MEM and MGEL will be great compliments to each other and the college can increase enrollment in existing courses and professional education programs overall, while also meeting the needs of potential students and alumni.

In Ohio, Case Western Reserve University offers a Masters of Engineering as well as Ohio University. Our MEM degree will be unique from their offerings because of the partnership with other content area specialists in the John Glenn College of Public Affairs and The Fisher College of Business. The courses in Operational Excellence and Data Analytics will also differentiate our degree. The addition of an MEM from OSU will strengthen engineering education in the state.

#### V. Prospective Enrollment and Student Demand

#### a) Demand

Based on our marketing data and inquiries for the MGEL degree, we believe the MEM program will quickly enroll 10-20 students in the first year and grow to 30-50 students afterwards.

b) Access and Retention of underrepresented Groups Details in Appendix B.

#### VI. Available Resources and Additional Costs

The MEM degree program will use current faculty already teaching in the MGEL degree. Administrative support for the MGEL degree will also be able to manage the MEM degree. The MEM will also enable the college to achieve maximum utilization of the core courses of the MGEL degree as they will be included in the MEM. The only additional costs required for the MEM will be compensation to faculty for development time when converting their courses into online format.

#### VII. Assessment Plan

The MEM administration will continuously assess all of the program's activities. This will be accomplished in several ways. Details in Appendix B.

#### **Proposal Contact Information**

Bob Mick Director Professional & Distance Education Programs Mick.15@osu.edu 614-292-0393 Dr. Avi Benatar Associate Professor MGEL Graduate Studies Chair Benatar.1@osu.edu 614-292-1390

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# Appendix A

| Course Co    | ourses (16-     | 17 cr hrs)       |   |      |
|--------------|-----------------|------------------|---|------|
|              | D t             | <b>.</b>         | Course Names  |      |
| Cara         | Dept<br>ENGR    | Course # 6210    | Course Names  | Cr H |
| Core<br>Core | ENGR            |                  | Leadership and Team Effectiveness   | 3    |
|              | -               | 6220             | Accounting/Finance for Engineers  | -    |
| Core         | ENGR<br>PUBAFRS | 6230             | Technology Strategy & Innovation Mgmt   | 3    |
| Core         | PUBAFRS         | 6050<br>5750     | Management in Public Agencies   | 3    |
| Core         |                 |                  | The Business-Governement Relationship   |      |
| Core         | ENGR            | 7200             | Engineering Ethics and Professionalism  | 1    |
| Core         | ISE             | 6801             | Project Management  | 3    |
|              | Note: Stude     | nts select ei    | ther PUBAFRS 6050 or ENGR 6210  | 10 1 |
| ochnical     | Track Spor      | ializatio        | ns (12 cr hrs)  |      |
| ecinical     | паск эрес       |                  |   |      |
|              |                 |                  | ck (students select two focus areas)  |      |
| ocus Area 1  |                 |                  | rstems (can be taken in any order)  |      |
|              | ME              | 7383             | Electrochemical Energy Conversion and Storage Systems for Automotive Applications | 3    |
|              | ME              | 7384             | Energy Modeling, Simulation, Optimization and Control of Advanced Vehicles        | 3    |
| ocus Area 2  | : Powertrain I  | l<br>Modeling ar | d Control (must take 7236 before 5554)  |      |
|              | ME              | -                | Powertrain Dynamics   | 3    |
|              | ECE             | 5554             | Powertrain Control Systems  | 3    |
|              | -               |                  |   |      |
| ocus Area 3  | : Dynamic Sys   | tems and E       | ngine Modeling (can be taken in any order)  |      |
|              | ME              | 5339             | Simulation Techniques for Dynamic Systems   | 3    |
|              | ME              | 7440             | Internal Combustion Engine Modeling   | 3    |
|              |                 |                  |   |      |
| nternrise S  | ystems and A    | rchitecture      | strack  |      |
| interprise s | CSE             | 5231             | Enterprise Software Engineering   | 2    |
|              | CSE             | 5234             | Applied Enterprise Distributed Computing for Engineers and Scientists             | 3    |
|              | CSE             | 5235             | Enterprise Services and Architectures   | 3    |
|              | CSE             | 5235             | Introduction to Databases   | 2    |
|              | CSE             | TBD              |   | 2    |
|              | CSE             | TBD              | Independent Study (1 hr for 5241; 1 hr for 5231)                                  | 2    |
| Velding Eng  | gineering       | 1                |   |      |
|              | WELDENG         | 7001             | Physical Principles in Welding Processes I  | 3    |
|              | WELDENG         | 7101             | Welding Metallurgy I  | 3    |
|              | WELDENG         | 7201             | Engineering Analysis for Design and Simulation                                    | 4    |
|              | WELDENG         | 7406             | Welding of Plastics and Composites  | 3    |
|              |                 |                  |   |      |
| ladar Syste  |                 |                  |   |      |
|              | ECE             | 5010             | Wireless Propagation and Remote Sensing   | 3    |
|              | ECE             | 5206             | Medical Imaging and Processing  | 3    |
|              | ECE             | 5011             | Antennas  | 3    |
|              | ECE             | 5013             | An Introduction to Radar Systems  | 3    |
| ivil and Env | vironmental T   | rack             |   | -    |
|              | ENVENG          | 6600             | Assessment for Human Rights and Sustainability                                    | 3    |
|              | ENVENG          | 5600             | Science, Engineering, and Public Policy   | 3    |
|              | ENVENG          | 5195             | Engineering Design for Environmental Health                                       | 3    |
|              | CIVILEN         | 6100             | Advanced Topics in Surveying for Smart Cities                                     | 3    |
|              |                 |                  |   |      |
|              |                 |                  |   |      |
|              |                 |                  |   |      |
| ntegrativ    | re Project (    | 5 cr hrs)        | Integrative Project   | 5    |

### Appendix B

#### Processes

#### I. Selection of Personnel

#### Faculty Director

The MEM Faculty Director will be selected by the Dean of the College of Engineering and the MGEL Graduate Studies Committee (MGEL-GSC). The MEM Faculty Director will serve at the pleasure of the Dean in a half time administrative role. The MEM Faculty Director will have graduate faculty status with the Graduate School.

#### Administrative Staff

The Director of Professional and Distance Education Programs (PDEP) will act as the MEM Director and report to the Dean of the College of Engineering. A MEM Program Coordinator will be selected and report to the Director of Professional and Distance Education Programs.

#### II. Master Engineering Management –Graduate Studies Committee (MEM-GSC)

The MEM Faculty Director will act as the chair of the MEM-GSC. The MEM-GSC will consist of these voting members: the MEM Faculty Director, one representative from the John Glenn College of Public Affairs, one representative from the Fisher College of Business, and two Engineering faculty who teach MEM courses. All voting members of the MEM-GSC will have graduate faculty status with the Graduate School. The MEM-GSC will include the College of Engineering Director of Professional and Distance Education Programs and the PDEP Program Coordinator as non-voting members. The MEM-GSC will handle all tasks normally associated with a graduate studies committee (admissions, new courses, progress of students, and so on).

#### III. Industry Advisory Board

The MEM will benefit from a strong industry advisory board to ensure that the degree and curriculum is relevant to the needs of industry. The MGEL Industry advisory board members will be engaged and utilized as well for the MEM degree.

#### **IV. Admissions**

#### a) MEM Entrance Requirements

The Masters of Engineering Management program normally requires a candidate to have a B.S. in Engineering from an accredited program (ABET, CAB) at a college or university. The admissibility of a candidate with a BS not in engineering will be evaluated by the MEM-GSC acting as the admissions committee for the degree program.

Applicants for admission to the MEM degree program must have a cumulative point hour ratio for undergraduate work of at least 3.0 (4.0 scale). Applicants with cumulative point hour ratios for undergraduate work below 3.0/4.0 must submit results for the GRE General Test to be considered for admission.

The MEM-GSC may request applicants with a B.S. engineering degree from a non-ABET or non-CAB (Canadian Accreditation Board) accredited program to submit the results of the GRE General Test.

Applicants with non-engineering BS degrees will usually be required to take specified makeup work before their applications will be considered for graduate admission. These applicants may also be required to submit the GRE General Test results regardless of grade point average.

#### b) Professional Work Experience

Students applying to the MEM will normally have at least a year of post-B.S. work experience in an engineering-related job. The MEM-GSC may, however, choose to admit exceptional students directly from the B.S. Any such student must have significant internship, co-op, or work experience that will enable them to bring something to the classroom and will allow them to appreciate the professional skills that make up the MEM core. This will normally imply at least two internships or co-op experiences; however the exact requirement may vary by student at the discretion of the MEM-GSC.

#### c) Student Progress

Students must complete the degree within four years. Student progress will be tracked by the MEM Program Coordinator and reported to the MEM Director and MEM-GSC. The Director and the Program Coordinator will work together to ensure that all students make good progress toward completion of the degree.

#### d) Credit for previous course work

Students may obtain up to three semester hours of credit for class work outside of the MEM curriculum. The decision to grant credit or not and the amount of credit granted will be made by the MEM-GSC upon application of the student.

#### e) Partner Colleges

A key strength of the MEM program is its ties to partner Colleges within OSU. It is important that these relationships be carefully fostered by the PDEP Director and the MEM-GSC. Each partner will be asked to identify voting representative to the MEM-GSC so that the partner's interests and concerns can be represented on the committee. The PDEP Director will also meet with each of these representatives (individually or as a group) at least once a year to discuss how the program is going and any concerns or issues that the partners' representatives wish to bring forward.

#### Access and Retention of Underrepresented Groups

Excellence cannot be achieved without diversity and the diversification of the engineering student body is a major priority for the College of Engineering as indicated in the College's Strategic Plan. According to this goal, the College will "Increase the diversity of students, faculty and staff". The college has a well- established and nationally-respected Minority Engineering Program (MEP). It was founded as part of a national effort to increase the representation of African- Americans, Hispanic-Americans, and Native Americans in the professional engineering population. MEP offers a wide range of programs and services to assist in the recruitment, retention, motivation and graduation of minority students. Some of these include: academic and personal counseling, an early-warning monitoring system, a test and reference library, skillsbuilding workshops, and social activities.

Similarly, the College of Engineering established the Women in Engineering (WiE) Program to encourage young women to consider engineering as a career choice, to recruit women into undergraduate and graduate programs, to support women as they matriculate through the engineering programs, and to assist women as they transition to the workforce after graduation. The resources that reside within these two programs are very effective in their charges and their services will continue to evolve as the needs of the MEM degree emerge. In addition, the MEM will have access to OSU's many resources for recruiting and retaining under-represented groups. Linkages with national organizations of minority and women engineers (such as the National Society of Black Engineers, the Society of Hispanic Professional Engineers, and the Society of Women Engineers) are already in place and thriving in the College. The College actively recruits from these organizations and also works from GRE lists and the Summer Research Opportunity Program (SROP) lists.

In the marketing of the program we will use all of OSU's resources and make every effort to recruit members of underrepresented groups. The MEM offers an outstanding opportunity to enhance the careers of female and minority engineers and, in the process, create more role models to improve the diversity of engineering in general.

Consistent with the University's Diversity Plan, efforts to recruit and retain engineers who are members of the GLBT community are receiving increasing emphasis in the College of Engineering. Recruitment efforts through an established link with the National Organization of Gay and Lesbian Scientists and Technical Professionals will be engaged to assist in bringing additional diversity to the MEM program. Retention efforts for GLBT engineers are beginning to be addressed within the context of the College's evolving diversity plan and within the College's updated Performance Plan.

#### **Assessment Plan**

The MEM administration will continuously assess all of the program's activities. This will be accomplished in several ways.

The most important measure is the satisfaction of the students. In order to gauge this metric, the MEM administration will send individual emails to newly admitted students during the first two weeks of classes to ask if everything is going well and to determine if they're having any problems acclimating as an online student in the degree. Upon the completion of the first semester, students will be provided a short survey to assess their satisfaction with the program covering topics not included in the university's SEI. A program exit survey will be provided to graduating students. All of these surveys will be reviewed by the program administration and MEMGSC and corrective action taken regarding any substantiated negative feedback. If any student leaves the program or doesn't enroll in any classes for two consecutive semesters without explanation, the PDEP Director will contact the student and attempt to learn why.

The MEM Graduate Studies Committee will have a curriculum assessment plan which will consider both the core and elective courses in the degree. Faculty involved in the program will have constant opportunities to evaluate the distance education facilities and other aspects of the program. The PDEP Director will summarize these evaluations in an annual report to the College's Dean.

All constituencies will be asked to evaluate the level of customer service, the ease of use of the distance education facilities and products, the value of the different aspects of the program and the overall quality of the degree on a regular basis. It will be the responsibility of the Director to summarize all evaluations in an annual report, to determine in consultation with the GSC and the Dean when there are problems requiring action and to determine what action should be taken.

#### May 31, 2019, Board of Trustees Meeting

#### Appendix C: Sample Plan of Study

The Master of Engineering Management is designed to be completed in 1.5-4 years

| Year 1 Spring  |        | Year 1 Sumer          |        | Year 1 Autumn   |        | Year 2 Spring  |        |
|--|--------|-----------------------|--------|---|--------|--|--------|
| Course   | Cr Hrs | Course                | Cr Hrs | Course  | Cr Hrs | Course   | Cr Hrs |
| PUBAFRS 5750<br>Business/Government<br>Relationship      | 3      | ISE 6801 Project Mgmt | 3      | ENGR 6220<br>Accounting/Finance<br>for Engineers      | 3      | ENGR 6XXX Capstone Project in<br>Operational Excellence for Engineers<br>(Capstone Course) | 3      |
| ISE 5760 Visual Analytics<br>for Sensemaking             | 3      |                       |        | ENGR 6210<br>Leadership & Team<br>Effectiveness       | 3      |  |        |
| PUBAFRS 5610<br>Innovation, Policy &<br>Gobal Economy    | 3      |                       |        | ENGR 6230 Technology<br>Strategy & Innovation<br>Mgmt | 3      |  |        |
| ENVENG 5600 Science,<br>Engineering and Public<br>Policy | 3      |                       |        | ENVENG 6600<br>Assessment for<br>Human Rights         | 3      |  |        |
| Total Hours  | 12     |                       | 12     |   | 12     |  | 3      |

|  | Master of Engineering Management (Sample 5 semester plan of study) |   |        |                          |        |  |        |  |        |
|--|--|---|--------|--------------------------|--------|--|--------|--|--------|
| Year 1 Autumn                                    |  | Year 1 Spring                                       |        | Year 1 Summer            |        | Year 2 Autumn                                      |        | Year 2 Spring  |        |
| Course   | Cr Hrs   | Course  | Cr Hrs | Course                   | Cr Hrs | Course   | Cr Hrs | Course   | Cr Hrs |
| ENGR 6220<br>Accounting/Finance for<br>Engineers |  | PUBAFRS 5750<br>Business/Government<br>Relationship |        | ISE 6801 Project<br>Mgmt | 3      | ENGR 6230 Technology<br>Strategy & Innovation Mgmt |        | ENGR 6XXX Capstone Project in<br>Operational Excellence for<br>Engineers (Capstone Course) | 3      |
| ENGR 6210 Leadership &<br>Team Effectiveness     | 3  | ISE 5760 Visual Analytics for<br>Sensemaking        | 3      |                          |        | ENVENG 6600 Assessment for<br>Human Rights         | 3      |  |        |
|  |  | PUBAFRS 5610 Innovation,<br>Policy & Gobal Economy  | 3      |                          |        | MBA Operations<br>Management                       | 3      |  |        |
| Total Hours                                      | 6  |   | 9      |                          | 3      |  | 9      |  | 3      |

|  | Master of Engineering Management |   |        |                          |        |  |        |  |        | 1             |        |   |        |   |        |
|--|----------------------------------|---|--------|--------------------------|--------|--|--------|--|--------|---------------|--------|---|--------|---|--------|
| Year 1 Autumn                                |                                  | Year 1 Spring   |        | Year 1 Summer            |        | Year 2 Autumn                                    |        | Year 2 Spring  |        | Year 2 Summer |        | Year 3 Autumn   |        | Year 3 Spring   |        |
| Course                                       | Cr Hrs                           | Course  | Cr Hrs | Course                   | Cr Hrs | Course   | Cr Hrs | Course   | Cr Hrs | Course        | Cr Hrs | Course  | Cr Hrs | Course  | Cr Hrs |
| ENGR 6210 Leadership &<br>Team Effectiveness | 3                                | ENGR 6230 Technology<br>Strategy & Innovation<br>Mgmt | 3      | ISE 6801 Project<br>Mgmt | 3      | ENGR 6220<br>Accounting/Finance for<br>Engineers | 3      | PUBAFRS 5750<br>Business/Government<br>Relationship      | 3      |               |        | PUBAFRS 5610<br>Innovation, Policy &<br>Gobal Economy | 3      | ENGR 6XXX Capstone<br>Project in Operational<br>Excellence for Engineers<br>(Capstone Course) | 3      |
|  |                                  | ISE 5760 Visual Analytics for<br>Sensemaking          | 3      |                          |        | ENVENG 6600 Assessment for<br>Human Rights       |        | ENVENG 5600 Science,<br>Engineering and Public<br>Policy | 3      |               |        |   |        |   |        |
| Total Hours                                  | 3                                |   | 6      |                          | 3      |  | 6      |  | 6      |               | 0      |   | 3      |   | 3      |

|  | Master of Engineering Management (Sample 4 year plan of study) |   |        |                          |        |  |        |  |        |               |        |   |        |  |        |               |        |   |        |   |        |
|--|--|---|--------|--------------------------|--------|--|--------|--|--------|---------------|--------|---|--------|--|--------|---------------|--------|---|--------|---|--------|
| Year 1 Autumn                                |  | Year 1 Spring   |        | Year 1 Summer            |        | Year 2 Autumn                                    |        | Year 2 Spring  |        | Year 2 Summer |        | Year 3 Autumn   |        | Year 3 Spring                                |        | Year 3 Summer |        | Year 4 Autumn                                 |        | Year 4 Spring   |        |
| Course                                       | Cr Hrs   | Course  | Cr Hrs | Course                   | Cr Hrs | Course   | Cr Hrs | Course   | Cr Hrs | Course        | Cr Hrs | Course  | Cr Hrs | Course                                       | Cr Hrs | Course        | Cr Hrs | Course  | Cr Hrs | Course  | Cr Hrs |
| ENGR 6210 Leadership &<br>Team Effectiveness | 3  | ENGR 6230 Technology<br>Strategy & Innovation<br>Mgmt | 3      | ISE 6801 Project<br>Mgmt | 3      | ENGR 6220<br>Accounting/Finance for<br>Engineers | 3      | PUBAFRS 5750<br>Business/Government<br>Relationship      | 3      |               |        | PUBAFRS 5610<br>Innovation, Policy &<br>Gobal Economy | 3      | ISE 5760 Visual Analytics<br>for Sensemaking | 3      |               | 3      | ENVENG 6600<br>Assessment for<br>Human Rights | 3      | ENGR 6XXX Capstone<br>Project in Operationa<br>Excellence for<br>Engineers (Capstone<br>Course) |        |
|  |  |   |        |                          |        |  |        | ENVENG 5600 Science,<br>Engineering and Public<br>Policy | 3      |               |        |   |        |  |        |               |        |   |        |   |        |
| Total Hours                                  | 3  |   | 3      | 1                        | 3      |  | 3      |  | 6      |               | 0      |   | 3      |  | 3      |               | 3      |   | 3      |   | 3      |

## Appendix D

#### ENGR 6XXX: Capstone Project in Operational Excellence for Engineers

#### Course Description

**ENGR 6XXX, Capstone Project in Operational Excellence for Engineers** is a culminating experience providing students the opportunity to solve real-world challenges by utilizing skills learned from the MEM courses, while implementing the principles of operational excellence and lean systems in an organization. The course will focus on creating learning organizations through problem solving and continuous improvement. This spans every human endeavor and seeks to drive change in the way we work and the way we live. Students will focus on the principles of operational excellence and lean systems as a baseline and explore the detailed workings of processes throughout the enterprise. We will learn how to focus on value and creativity as the engine for change.

We begin with an historical overview and an understanding of lean processes based on Toyota Motor Company's experiences. The heart of the course begins with foundational elements to bring stability to a process, then take steps to achieve higher levels of productivity, profitability, and the professionalism of the workforce. It is not enough to make an organization more efficient; we have to make better places for people to work. As we apply specific lean tools, we will discover their benefits not only to increase productivity, but also to create great workplaces with highly satisfied employees.

#### Course Objectives

- Analyze processes to identify problems and develop solutions to improve the performance of those processes.
- 2. Solve a problem in a work environment.
  - a. Define and document the current situation using value stream map (Concern)
  - b. Analyze a problem to find its root cause (Cause)
  - c. Develop and evaluate multiple countermeasures for the root cause (Countermeasure)
  - d. Plan and implement the best overall countermeasure
    - i. Create flow through a series of processes in a value stream.
    - ii. Regulate the flow of materials or information through a value stream.
  - e. Embed lessons learned into ongoing work practices (Confirm)
- 3. Model appropriate leadership behaviors to drive changes in the culture of an organization.
- Build systems to apply and manage lean tools, techniques, principles, and practices in a workplace.

#### Faculty



David S Veech

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Mr. Veech is a Senior Lecturer in the Department of Management

Sciences at the Fisher College of Business, The Ohio State University. Mr. Veech joined the University in 2013 after serving as Executive Director of the Institute for Lean Systems (ILS) for seven years, coaching and consulting with clients in a wide range of industries. His coaching focuses on people in organizations and how lean, leadership, and learning systems contribute to overall employee satisfaction and well-being.

Required Course Materials (Kindle Versions are Acceptable)

1. Lean Lexicon: A graphical glossary for Lean Thinkers, Fifth Edition, Lean Enterprise Institute, ISBN: 978-0966784367

- 2. The C4 Process (Veech & Damodaraswamy), Robert G. Clark Consulting LLC, ISBN: 978-098326395
- 3. Change or Die, Alan Deutschman, Collins, 9780061373671
- 4. Drive, Daniel H. Pink, Riverhead Books, 9781594488849

#### Grading

This course requires active participation in online activities and exercises as well as reading and assigned work outside of class. Grades will be based on contributions to the discussion and completed weekly assignments, including the primary project assignment (C4 or A3 worksheet showing familiarity of the course contents. The Primary Project is due on .

Participation requires reviewing materials identified, then for each discussion question, you are required to post your own answer based on your research and experience, then engage with at least two of your classmates by commenting on their answers. Consistent contribution through the semester is required., There are a number of activities and assignments that will be used to assess your understanding of the material covered in this course. These are listed below.

| Component  | <b>Total Course Points</b> |
|--|----------------------------|
| Participation (5 points x 7 discussion questions, 5 points for your completed Carmen Profile, 1 point for each of 6 quizzes, and 4 points for instructor discretion) | 50                         |
| Bi-weekly projects (4 points x 6 assignments)  | 24                         |
| C4/A3 Project Files (See below)  | 26                         |
| Total (Maximum points)   | 100                        |

#### 1. Attendance/Participation (50%)

- a. Attendance is required. You should attend every class and participate to:
  - i. Learn as much as possible
  - ii. Achieve a grade you will be satisfied with
  - iii. Know how to apply these principles in a work place
- b. Arrive on time. In class activities will be fast-paced.
- c. Participate. You should share your thinking and observations during every class session. Come prepared to discuss things. Consistent contribution through the semester is much more valuable than a few good days where you answered a couple of questions in class.
- d. Complete an accurate Carmen Profile with a recent picture (4 points)
- e. Complete any assigned reading and knowledge reviews before class.
- f. The final 4 points are at my discretion and are unlikely to be awarded except to truly exceptional contribution, or to prevent catastrophe.

#### 2. Bi-weekly projects/homework (24%)

a. Bi-weekly assignments are **individual** assignments completed without collaboration among your classmates. You are permitted to assemble a small team in your workplace to execute the assignments, but you must name everyone who

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contributed when submitting.

- b. Submit on time. Late assignments will not be considered and your score for that assignment will be zero. No excuses.
  - i. All assignments are due on Thursdays at 6:15 pm. Anything later than that, regardless of the reason, will not count.
  - ii. ONLY UPLOAD .pdf FILES for assignments in Carmen. Make sure pages are oriented properly. Only .pdf files will be graded.
- c. Assignments must be neat and complete, and in the correct sequence. Use relevant pictures and graphs where necessary. Use the templates/forms/supporting materials uploaded on Carmen. Remember; never upload any weekly assignment in any format except a pdf.

#### 3. C4/A3 Project and Presentation (26%)

- a. Each student must complete an individual project in your company or in your home. You will use C4/A3 problem solving (details will be provided in class) to address a moderate-scope business problem that involves cost, quality, delivery or a combination of these.
- Each student must complete one progress review session with the instructor via skype or zoom in a scheduled meeting. This review is worth 13 percentage points.
- c. Submit a complete C4/A3 worksheet AND a completed Master presentation file (PowerPoint format) that will include primary and supporting analysis for your project. The Final C4/A3 AND presentation file is worth 13 points.

#### Further details will be available on Carmen

#### Quizzes and Knowledge Reviews

There will be six knowledge review quizzes that you are required to complete. You may make as many attempts as you need to finish each quiz with a score of 100%

#### Disability Accommodation

If you need an accommodation based on the impact of a disability, arrange an appointment with me as soon as possible. We need to discuss the course format and explore potential accommodations. I rely on the Office for Disability Services for assistance in verifying need and developing accommodation strategies. You should start the verification process as soon as possible.

#### Academic Integrity

Material submitted for course grade credit must be your own work. All university and college regulations concerning academic honesty shall apply. In general, students are expected to recognize and uphold standards of intellectual and academic integrity. The university assumes as a minimum standard of conduct in academic matters that students be honest and that they submit for credit only the products of their own efforts. It is particularly important that students read and understand the portions of the Ohio State University's Code of Student Conduct that relate to plagiarism, unauthorized collaboration, falsification, and multiple submissions. The Code of Student Conduct is available online. This Policy represents a core value of the University. All members of the University community are responsible for knowing and abiding by its tenets. Students are expected to carefully review the online Policy prior to undertaking any research or other assignments. Students are encouraged to discuss freely with faculty any questions they may have pertaining to the provisions of the Code prior to submitting assignments. Lack of knowledge of the contents of the University Policy on Academic Honesty is not an acceptable defense to any charge of academic dishonesty.

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| Date      | Торіс                              | Activity and Assignment   |
|-----------|------------------------------------|---|
| Session 1 | Problem Solving:<br>C4 and A3      | <ul> <li>Objectives are:</li> <li>Apply a problem solving process to solve a work related problem</li> <li>Contrast different problem solving processes and their primary focus</li> <li>Describe key tools to help identify root causes of problems</li> </ul>   |
|           |                                    | <ol> <li>Learning Activities:</li> <li>Read: Intro through Chapter 2, The C4 Process</li> <li>Read: Lean Lexicon, A3 Report; PDCA; Problem<br/>Solving; Five Whys; Six Sigma</li> <li>View the Problem Solving pdf in Carmen</li> <li>Card Simulation, Round 1, Conventional with small<br/>group discussion (Record Stapling Operation)</li> </ol>   |
|           |                                    | Assignment: Identify the potential problems for your<br>Individual Class Project. Due Date – Online   |
| Session 2 | Value Stream Mapping &<br>Analysis | <ol> <li>Objectives are:         <ol> <li>Create a current state value stream map to analyze a set of work processes in a theme area. See the system.</li> <li>Calculate takt time</li> <li>Evaluate the customer-supplier relationship in a value stream</li> <li>Analyze processes in a value stream (calculate takt time, processing time, cycle time, set up time, operators and full-time-equivalent people, value-add time, non-value-add time, and any other data required to complete the analysis.)</li> </ol> </li> <li>Analyze the flow of materials and information through a value stream</li> </ol>   |
|           |                                    | <ol> <li>Learning Activities:</li> <li>Read: Chapter 3, The C4 Process</li> <li>Read: Lean Lexicon: Value Stream Mapping; Pull<br/>systems; Cell; Continuous Flow; Cycle Time; Cycle<br/>time and related terms involving time; First-in-First-<br/>out; Flow production; Heijunka; Heijunka box;<br/>Information flow; Inventory; Kanban; Material Flow;<br/>Operational Availability versus Operating Rate;<br/>Overall Equipment Effectiveness; Product Family;<br/>Product Family Matrix; Pull Production; Spaghetti<br/>Chart; Supermarket; Takt image; Takt time; Value;<br/>Value Stream Manager; Appendix (Value Stream<br/>Mapping Icons)</li> <li>Activity: Pencil Pusher Case/Map Card Simulation<br/>Current State</li> <li>Assignment: Submit your project current state map to the<br/>dropbox for feedback. Due Date Online</li> </ol> |

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| Casaian 0 | Vieual Organization and               | Objectives area  |
|-----------|---------------------------------------|--|
| Session 3 | Visual Organization and<br>Management | <ul> <li>Objectives are: <ol> <li>Apply the principles of 4S/5S in a work setting and describe its utility and value.</li> <li>Analyze a work process using standardized work worksheet sets (Time measurement, Standardized work charts, combination tables, and work balance charts)</li> <li>Describe the relationship between 4S/5S and standardized work</li> </ol> </li> <li>Learning Activities: <ol> <li>Read the attached pdf files on 5S and Standardized Work.</li> </ol> </li> <li>Read: Lean Lexicon: Andon; Automatic Line Stop; Dashboard; Error-Proofing; Five Ss; Gemba; Gemba Walk; Genchi Genbutsu; Kamishibai Board; Muda, Mura, Muri; Obeya; Operator Balance Chart; Production Analysis Board; Red Tagging; Right-sized Tools; Standardized Work; Visual Management; Waste; Work; Work Element; Yamazumi Board</li> <li>Activity: Apply 5S/4S to your project problem</li> <li>Activity: Build standardized work for the processes in the Card Simulation</li> </ul> Assignment: Submit your standardized work document set (from the team activity we did in class) to the dropbox. Submit the Standardized Work Chart, Time Measurement Sheet, Combination Table, and Work Balance Chart. Due Date online. |
| Session 4 | Lean Overview                         | <ul> <li>Objectives are: <ol> <li>Differentiate lean systems from mass manufacturing and mass customization</li> <li>Translate the key factors that helped Toyota rebuild itself into key factors organizations can use today to help improve their performance</li> <li>Evaluate the evolution of work systems and their impact on society</li> <li>Create a cause map for a problem</li> </ol> <li>Learning Activities: <ol> <li>Read: pdf on Lean Systems Overview (Carmen)</li> <li>Read: Chapter 4, The C4 Process</li> <li>Read: Lean Lexicon: Basic Stability; Jidoka; Just-in-Time (JIT) Production; Kaizen; Lean Consumption;; Lean Enterprise; Lean Logistics; Lean Management; Lean Management Accounting; Lean Production; Lean Thinking and Practice; Total Production; Lean Thioxea; Toyota Production System; True North</li> <li>Activity: Discussion of Lean Philosophy, the Lean House and Toyota Way principles; Cause Map construction and analysis</li> </ol> </li> </li></ul>  |

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|           |                 | class project problem and submit to the dropbox. Due Date online   |
|-----------|-----------------|--|
| Session 5 | Countermeasures | <ul> <li>Date online</li> <li>Objectives are: <ol> <li>Develop a plan to contain the spread of a problem in your workplace</li> <li>Define objective evaluation criteria to use in evaluating the feasibility and potential effectiveness of countermeasures</li> <li>Develop at least 5 alternative countermeasures for every root cause of a problem</li> <li>Create a plan for testing the effectiveness of countermeasures using multiple criteria to select the best overall option to solve a problem.</li> <li>Plan the implementation of a selected countermeasure.</li> </ol> </li> <li>Learning Activities: <ol> <li>Read: Chapter 5, The C4 Process</li> </ol> </li> </ul>  |
|           |                 | <ol> <li>Read: Lean Lexicon: Coaching; Cross-dock;<br/>Downtime; Efficiency; Every Product Every<br/>Interval (EPEx); Fixed Position Stop System; Four<br/>Ms; Hansei; Heijunka; Heijunka box; Jishuken;<br/>Kaikaku; Kaizen Workshop; Kanban; Kata;<br/>Material Handling; Milk run; Multimachine<br/>Handling; Multiprocess handling; Nemawashi;<br/>Paced Withdrawal; Pacemaker Process; Pack-Out<br/>Quantity; Pitch; Plan for Every Part (PFEP); Point-<br/>of-Use Storage; Preventive Maintenance;<br/>Production Preparation Process (3P); Quality<br/>Control Circle; Setup Reduction; Single Minute<br/>Exchange of Dies (SMED); Trade-off Curves;</li> <li>Read: Attached pdf files</li> <li>Activity: Develop Countermeasures for Card<br/>simulation (Focus on stapling)</li> <li>Activity: Run Round 2 and 3 of simulation</li> </ol> |
|           |                 | Assignment: Prepare and complete a 5S/4S activity in<br>your host company. Submit a 3-page summary of the<br>activity (Concern, Cause, Countermeasure, Confirm) with<br>before and after pictures, along with an explanation of the<br>benefits the host company will enjoy as a result of this<br>activity, and explain in detail how the host can sustain the<br>improvement. Due Date online.   |
| Session 6 | Leading Change  | <ol> <li>Objectives are:         <ol> <li>Describe the role of leadership in organizational culture change</li> <li>Create and model key leadership behaviors in a team setting</li> <li>Evaluate the leadership described in class for effective employee engagement and organizational culture changes</li> </ol> </li> </ol>  |

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|                    |                                    | Learning Activities:   |
|--------------------|------------------------------------|--|
|                    |                                    | <ol> <li>Read: Chapter 7, The C4 Process</li> <li>Read: Lean Lexicon: Change Agent; Chief<br/>Engineer; Coaching; Group Leaders; Hansei;<br/>Huddles; Jishuken; Leader Standard Work; Lean<br/>Promotion Office; Ohno, Taiichi (1912-1990); Plan<br/>for Every Person; Sensei; Shingo, Shigeo (1909-<br/>1990); Strategy Deployment; Team Leader;<br/>Toyoda, Kiichiro (1894-1952); Toyoda, Sakichi<br/>(1867-1930); Training Within Industry (TWI);<br/>Value Stream Manager; yokoten</li> <li>Read: Attached pdf files</li> <li>Activity: Buffalo Hunter Case Study</li> <li>Lecture/Discussion: Leadership</li> <li>Assignment: Based on your readings and discussions so<br/>far this term, prepare and submit a 2-page paper<br/>describing how the principles described in class will affect<br/>your own leadership style and behavior, including a plan</li> </ol> |
|                    |                                    | for your personal development. Due Date online.  |
| Session 7          | Confirm                            | <ol> <li>Objectives are:         <ol> <li>Implement a solution to a problem.</li> <li>Capture, record, and monitor results from your problem solution.</li> <li>Develop key performance indicators to effectively track and monitor a work process</li> <li>Update standardized work.</li> <li>Train operators to achieve the defined standard for that process as documented in the standardized work</li> <li>Reflect on your experience with the problem solving process and assess future needs of the people participating on the team</li> </ol> </li> <li>Learning Activities:         <ol> <li>Read: Chapter 5, The C4 Process</li> <li>Activity: Card Simulation Round 4</li> <li>Activity: Reflection on course activities &amp; contents</li> </ol> </li> </ol>   |
|                    |                                    | Assignment:<br>None – Continue working your project  |
| Due Date<br>Online | Final Project Prep and<br>Delivery | Submit your final C4 or A3 worksheet.<br>Due Date Online   |

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#### Appendix E

#### **Course Descriptions**

#### ENGR 6210 Leadership and Team Effectiveness (3 credits)

Introduction to topics in leadership and team effectiveness with a focus on applications for engineers. Prereq: Grad standing, and enrollment in MGEL degree program; or permission of instructor.

#### ENGR 6220 Accounting/Finance for Engineers (3 credits)

Provides an overview of the basic topics in financial and managerial accounting. The primary focus will be on helping engineering students understand the meaning of the numbers in financial statements, their relationship to one another, and learning how they are used in planning, decision-making and control towards achieving the objectives of an organization. Prereq: Grad standing, or permission of instructor; and enrollment in MGEL degree program. Not open to students with credit for AcctMIS 5000.

#### ENGR 6230 Technology Strategy & Innovation Management (3 credits)

How technology strategy may lead to creation/persistence of competitive advantage. In contrast to core strategy course, provides series of strategic frameworks for managing high-tech businesses. Prereq: Grad standing, and enrollment in MGEL degree program; or permission of instructor. Not open to student with credit for BusMHR 7461.

#### ENGR 7200 Engineering Ethics and Professionalism (1 credit)

To learn professionalism and ethical decision-making strategies; topics include codes of ethics, moral frameworks, engineering as social experimentation, assessment of safety and risk, employer and employee rights and responsibilities, confidentiality and conflict of interest, whistle-blowing, research integrity, consulting engineers, expert witnesses. Engineering ethics case studies in detail

#### ENVENG 6600 Assessment for Human Rights and Sustainability (3 credits)

Foundational concepts of human rights and environmental impacts pertaining to global supply chains. Regulations and voluntary standards in engineering-intensive sectors, including infrastructure, biofuels, electronics. Case study analysis of corporate assessment practices for labor rights protection and environmental impacts. Prereq: Grad standing, or permission of instructor. Not open to students with credit for 4600.

#### ENVENG 5600 Science, Engineering and Public Policy (3 credits)

Presents a history of the interactions between science, engineering, and public policy in the United States and in the context of global concerns (e.g. climate change, competitiveness), inquire into how various federal government, universities, & corporations conduct & fund science and engineering & explore how public sector interests & processes influence sci, engr & public policy. Prereq: Jr, Sr, or Grad standing; or permission of instructor. Cross-listed in PubAfrs.

#### ISE 6801 Project Management (3 credits)

Provides foundational and advanced project management education in an interactive online learning environment as part of the Master of Global Engineering Leadership program. Prereq: Enrollment in Master of Global Engineering Leadership program, and permission of instructor. Not open to students with credit for 3800.

#### ISE 5760 Visual Analytics for Sensemaking (3 credits)

Students learn about information visualization techniques that help people analyze massive amounts of digital data to combat overload and aid sensemaking with applications in retail and financial decision making, logistics, information systems, manufacturing, healthcare, energy and smart grids, cybersecurity and social networks. Prereq: Jr, Sr, or Grad standing. Not open to students with credit for 773.01.

#### ISE 5810 Lean Sigma Foundations (4 credits)

Comprehensive foundation course for the Black Belt Level 'Certificate' (not certification) that is required to complete Green and Black Belt Certification. Prereq: Stat 3470, and permission of instructor. Not open to students with credit for 685.

#### BUSMHR 7244 Negotiation (3 credits)

Highlight the components of an effective negotiation and teach students to analyze their own behavior in negotiations. Largely experiential, course provides students with an opportunity to develop their skills by participating in negotiations and integrating their experiences with the principles presented in the assigned readings and course discussions. Prereq: Enrollment in Fisher College of Business graduate programs. Not open to students with credit for 7240 or 7241.

#### MBA 6233 Operations Management (3 credits)

Operations Management (MBA 6233) is designed to provide a solid foundation and deeper understanding of how the operations function contributes to ensuring effective and efficient flow of materials and information within and outside the organization. Prereq: Enrollment in MBA, or permission of instructor. Not open to students with credit for 850.

#### MBA 6273 Data Analysis for Managers (3 credits)

Introduction to data analysis and statistics for business. Emphasis on achieving an application-oriented understanding of statistical inference and regression analysis and their use in decision making. Prereq: Enrollment in MBA or WPMBA program, or permission of instructor. Not open to students with credit for 6271 or 870.

#### MBA 6253 Marketing Management (3 credits)

Focuses on the interrelated elements of the marketing mix, its relationship with the other functional areas of management, and marketing responses to the external environment. Prereq: Enrollment in MBA program, or permission of instructor. Not open to students with credit for 840.

#### PUBAFRS 6050 Management in Public Agencies (4 credits)

Learn to manage public sector organizations with a focus on the external environment: context of public sector organizations, their structure, how they operate; managing organizational performance, innovation, and change. Prereq: Not open to students with credit for 810.

#### PUBAFRS 6060 Managerial Leadership in Public and Nonprofit Organizations (3 credits)

Managerial Leadership in Public and Nonprofit Organizations with focus on internal operations, processes, and resources; human resource management, information technology; other aspects of internal capacity.

#### PUBAFRS 5610 Innovation, Policy, and the Global Economy (3 credits)

This course examines frameworks and theories of public administration, governance, and policy for science and engineering at the international level. It will will critique existing theories of global knowledge development and transfer, governance, and trade through the lens of science and engineering. Prereq: Jr, Sr or Grad Standing.

#### PUBAFRS 5750 The Business-Government Relationship (3 credits)

Business tools and strategy for influencing government; evolution and direction of public policy toward business. Prereq: Sr standing and permission of the Associate Director of Academic Affairs and Research. Not open to students with credit for 795.

#### PUBAFRS 5770 Risk and Decision Analysis in Public Affairs (3 credits)

This course provides a comprehensive assessment of theories and tools for decision-making in the face of risk and uncertainty, giving a rigorous treatment of current issues and approaches in risk analysis through both qualitative and quantitative lenses.

#### PUBAFRS 6075 Data, Models & Evaluation (3 credits)

This course will provide the knowledge and tools necessary to analyze data. Students learn about fundamentals of statistics to conduct analysis, and they will develop an understanding of program evaluation and research design in order to evaluate the quality of analyses conducted by others and communicate findings. Work on applied project related to their jobs that culminate in Capstone projects.

# MEMORANDUM OF UNDERSTANDING

| College:   | College of Engineering                       |
|--|--|
| Department:  | Professional and Distance Education Programs |
| Faculty director:                                      | Dr. Avi Benatar                              |
| Primary contact, if different from faculty director:   | Bob Mick                                     |
| Fiscal officer:  | Marie Mendenhall-Mead                        |
| Marketing director:                                    | Bob Mick                                     |
| Enrollment contact for state authorization compliance: | Bob Mick                                     |
| Additional colleges/contacts:                          | N/A  |



THE OHIO STATE UNIVERSITY

Office of Distance Education and eLearning odee.osu.edu | odee@osu.edu

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| Name of program:  | Master Engineering Management   |
|---|---|
| Approval process<br>(change in delivery or<br>new program):   | New Program   |
| Will this program have a<br>different fee structure<br>from what would normally<br>be assessed similar<br>students at the<br>university? If so, then<br>please explain: | Yes, but the fee structure will be the same as the online<br>Master Global Engineering Leadership degree. |
| Total credit hours:   | 30  |
| # of courses to be created:   | 7   |
| # of courses already in an<br>online format that need<br>ODEE review:   | 0   |
| # of anticipated students:  | 10-15 - Year 1<br>15-20 – Year 2<br>20-30 – each year thereafter  |



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| Marketing and<br>Communications: | Having access to marketing resources will allow you to<br>reach large audiences, compete with other online<br>programs, and increase enrollments year-over-year. For<br>this program, does your college plan to do any of the<br>following? Yes/No |   |  |
|----------------------------------|--|---|--|
|                                  | Conduct advertising specific to this online program -  | Yes   |  |
|                                  | Utilize your college<br>communications team for<br>advertising support   | Yes   |  |
|                                  | Designate marketing<br>responsibilities for this program<br>in an individual's job description<br>(i.e. program director, program<br>coordinator, college<br>communications coordinator,<br>etc.)  | Yes<br>MGEL Director<br>Program Coordinator   |  |
|                                  | Secure an annual marketing<br>budget for online program<br>advertising   | Yes, combined with the MGEL degree.   |  |
|                                  | Host a webpage for your online<br>program on the college's<br>website  | Yes   |  |
|                                  | Utilize your college's<br>admissions/recruitment team to<br>track and communicate with<br>perspective distance students  | No. We do our own<br>admission's recruitment<br>because they're separate in<br>the college. |  |

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| State authorization: | Does this program potentially<br>lead to a professional license or<br>certificate? Yes/No                              | No |  |
|----------------------|--|----|--|
|                      | Is professional licensure a<br>prerequisite for enrollment in the<br>program? Yes/No                                   | Νο |  |
|                      | For this program, does your college plan to do any of the following outside of Ohio? Yes/No                            |    |  |
|                      | Establish a physical location for<br>students to receive synchronous<br>or asynchronous instruction                    | No |  |
|                      | Establish an administrative<br>office or provide office space for<br>staff   | No |  |
|                      | Conduct on-ground supervised<br>field experiences such as<br>clinicals, practicums, student<br>teaching or internships | No |  |
|                      | Place more than 10 students<br>simultaneously at a single<br>placement site (such as a<br>hospital)                    | No |  |
|                      | Require students to meet in<br>person for instructional<br>purposes more than twice per<br>semester                    | No |  |
|                      | Carry out field study or research at a field station   | No |  |



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Use this table to detail all of the courses associated with the program and when you envision these courses will be developed, delivered, etc. For courses that are already developed and available in an online format, please include them and note development concluded in the Developed column.

| Course Name   | Faculty Lead                                  | OAA Approved for<br>Online Delivery | Developed  | Delivered | 5 Hour Review<br>(semester<br>immediately<br>following first<br>delivery) | Reviewed (every 3<br>years) |
|---|---|-------------------------------------|--|-----------|---|-----------------------------|
| Example:<br>Principles of<br>Basic Science  | J. Smith                                      | AU16                                | AU16   | SP17      | SU17  | SU19                        |
| ISE 5760<br>Visual<br>Analytics for<br>Sensemaking                                | Michael Rayo                                  |                                     | SP20<br>New Course to be<br>developed  | SP21      |   |                             |
| PUBAFRS<br>5610<br>Innovation,<br>Policy, and the<br>Global<br>Economy            | To be assigned<br>by JGCPA                    |                                     | SP20<br>New course to be<br>developed  | SP21      |   |                             |
| MBA 6233<br>Operations<br>Management  | To be assigned<br>by FCOB at a future<br>date |                                     | AU20<br>New course to be<br>developed  | AU21      |   |                             |
| ENGR 6XXX<br>Capstone<br>Project in<br>Operational<br>Excellence for<br>Engineers | David Veech                                   | No                                  | SP20<br>New course to be<br>developed  | SP21      |   |                             |
| ENGR6210 Leadership<br>and Team Effectiveness                                     | Jeff Ford                                     |                                     | SP14   | AU14      |   | AU17                        |
| ENGR 6220<br>Accounting/finance for<br>Engineers                                  | Marc Smith                                    |                                     | SP14   | AU14      |   |                             |
| ENGR 6230 Technology<br>Strategy & Innovation<br>Management                       | Michael Leiblein                              |                                     | SP15   | SP16      |   |                             |
| ISE 6801 Project<br>Management  | Jack Slavinski                                |                                     | SP15   | SU15      |   |                             |
| PUBAFRS 6050<br>Management in Public<br>Agencies                                  | Rudolph Hightower                             |                                     | SU15   | AU15      |   |                             |
| PUBAFRS 6060<br>Managerial Leadership in<br>Public & Nonprolit<br>Organizations   | To be assigned<br>by JGCPA                    |                                     | This course will be<br>developed as part of an<br>online program by<br>JGCPA                             |           |   |                             |
| ENGR 7200 Engineering<br>Ethics and<br>Professionalism                            | Richard Higgins                               |                                     | SU14   | SU15      |   | SU17                        |
| ISE 5810 Lean Sigma<br>Foundations  | To be assigned by the ISE<br>dept in COE      |                                     | The ISE dept has not had<br>an instructor available for<br>this course.                                  |           |   |                             |
| ENVENG 6600<br>Assessment for Human<br>Rights and Sustainability                  | Allison McKay                                 |                                     | SP16   | SP17      |   |                             |
| ENVENG 5600 Science,<br>Engineering and Public<br>Policy                          | Jeff Bielicki                                 |                                     | SP16   | SP17      |   |                             |
| PUBAFRS 5750 The<br>Business-Government<br>Relationship                           | Kim Young                                     |                                     | SP14   | SP15      |   |                             |
| PUBAFRS 5770 Risk and<br>Decision Analysis in<br>Public Affairs                   | by JGCPA                                      |                                     | This course will be<br>developed as part of an<br>online program by<br>JGCPA                             |           |   |                             |
| PUBAFRS 6075 Data,<br>Models & Evaluation   | To be assigned<br>by JGCPA                    |                                     | This course will be<br>developed as part of an<br>online program by<br>JGCPA                             |           |   |                             |
| BUSMHR 7244<br>Negotiation  | To be assigned<br>by FCOB at a future date    |                                     | This will be an elective<br>course & will be<br>developed at a future date<br>- likely in 2021 or later. |           |   |                             |



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| MBA 6273 Data Analysis | To be assigned           | This will be an elective   |  |
|------------------------|--------------------------|----------------------------|--|
| for Managers           | by FCOB at a future date | course & will be           |  |
| -                      | l'                       | developed at a future date |  |
|                        |                          | -likely in 2021 or later.  |  |
| MBA 6253 Marketing     | To be assigned           | This will be an elective   |  |
| Management             | by FCOB at a future date | course & will be           |  |
|                        |                          | developed at a future date |  |
|                        |                          | - likely in 2021 or later. |  |



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| Colleges estating into this agreement wills   |
|---|
| Colleges entering into this agreement will:<br>Secure approval from the following, where applicable:  |
| Graduate School   |
| Council on Academic Affairs (CAA)   |
|   |
| - Onivolation   |
| Board of Trustees   |
| Department of Higher Education  |
| Contact the university budget office regarding new program and to request a distance-education-specific fee<br>table. Differential fees must be approved by the Board of Trustees, if applicable. |
| Meet the program standards set forth by your accrediting body (if applicable) for alternative delivery models   |
| Submit courses for online delivery and any course revisions to curriculum.osu.edu (after CAA approval)  |
|   |
| Label students in Student Information System with appropriate subplan. Distance students = subplan ONL  |
| Provide budget forecasting/market analysis using ODEE funding model (attached)     Incur the costs for your program specific advartising  |
| <ul> <li>Incur additional costs associated with distance education programming (e.g. student advising,</li> </ul>   |
| increased TA support)   |
| Collaborate with ODEE on state authorizations and state licensure approvals, if applicable  |
| <ul> <li>Upon request, provide program and faculty information to the state authorization team</li> </ul>   |
| <ul> <li>Provide required professional licensure board disclosures to potential and enrolled students in writing</li> </ul>   |
| <ul> <li>Communicate to prospective students their ability to enroll and seek federal financial aid based on<br/>state authorizations</li> </ul>  |
| <ul> <li>Notify ODEE of states/countries where they would like to enroll students</li> </ul>  |
| <ul> <li>For licensure programs, post a link to the Ohio State Online disclosures page (online.osu.edu/state-</li> </ul>  |
| authorization/disclosures) on the College program page  |
| <ul> <li>Encourage distance education faculty/instructors/students to participate in ODEE distance education</li> </ul>   |
| training  |
| <ul> <li>"State Authorization 101" BuckeyeLearn course</li> </ul>   |
| Collaborate with ODEE on the technical solutions for effective course delivery:   |
| Online-specific syllabus requirements (e.g., ADA statement, Academic Integrity/Academic Miscondu  |
| statement)  |
| Ohio State identity/branding guidelines   |
| <ul> <li>Carmen course template providing students with effective navigation and online course expectations<br/>etc.</li> </ul>   |
| <ul> <li>Provide course content materials for placement into mutually agreed upon formats and technologies<br/>for distance delivery</li> </ul>   |
| Utilize Quality Matters principles in course design   |
| <ul> <li>Focus on outcome-based learning and incorporate assessment into courses</li> </ul>   |
| Collaborate with ODEE Instructional Designers to infuse academic integrity best practices into program cours  |
| development and delivery, including, but not limited to, authentic assessments and online proctoring of   |
| examinations.   |
| Encourage distance education faculty/instructors-to participate in professional development opportunities,  |
| including ODEE's Distance Education Learning and Teaching Academy   |
| Collaborate with relevant student support services (Disability Services, Writing Center, Libraries, Veterans  |
| Affairs, etc.)   Insur costs to provide required accessibility accommodations for videos and activities not produced to   |
| <ul> <li>Incur costs to provide required accessibility accommodations for videos and activities not produced t<br/>ODEE</li> </ul>  |
| Collaborate with ODEE to review and update courses immediately following first delivery and every three year  |
| Provide at least one required student participation activity per week in each course  |
|   |

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Course designers will implement activities each week of a course to verify enrollment. This is beyond . a simple login to a course space, but constitutes a discussion posting, quiz attempt, artifact submission, etc.

Identify student technology support for tools only used by your program. Provide replacement instructor(s) in a timely manner should an instructor separate from the university during the course development process or terminate and postpone course development until a replacement instructor can be identified.



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| ODEE entering into this agreement will:   |
|---|
| Administer state authorization program  |
| <ul> <li>Necessary to ensure program meets federal student financial aid guidelines</li> </ul>                                    |
| <ul> <li>Communicate with the colleges the status of approved state authorizations</li> </ul>                                     |
| Collaborate with the college on the technical solutions for effective course delivery:  |
| <ul> <li>Online-specific syllabus requirements (e.g., ADA statement, Academic Integrity/Academic Misconduct</li> </ul>            |
| statement)  |
| Ohio State identity guidelines  |
| <ul> <li>Course templates providing students with effective navigation and online course expectations, etc.</li> </ul>            |
| <ul> <li>Placing course content materials into mutually agreed upon formats and technologies for distance<br/>delivery</li> </ul> |
| Utilize Quality Matters principles in course design   |
| <ul> <li>Focus on outcome-based learning and incorporate assessment into courses</li> </ul>                                       |
|   |
| Collaborate with program faculty and staff to infuse academic integrity best practices into program                               |
| course development and delivery, including, but not limited to, authentic assessments and online proctoring of                    |
| examinations.   |
| Provide instructional designer production time during the course development cycle, including the 14-week                         |
| development process, five-hour review and three-year revision.  |
| Provide distance education professional development opportunities for faculty/instructors/students                                |
| through ODEE's Distance Education Learning and Teaching Academy   |
| Collaborate with the college to review and update courses immediately following first delivery and every three<br>years           |
| Collaborate with course instructors to provide at least one required student participation activity each week in a<br>course      |
| Course designers will implement activities each week of a course to verify enrollment. This is beyond a                           |
| simple login to a course space, but constitutes a discussion posting, quiz attempt, artifact submission,<br>etc.                  |
|   |
| Provide distance education faculty and students access to:  |
| <ul> <li>An OCIO-managed, 24/7, Tier 1 help desk for ODEE/OCIO provided tools/services</li> </ul>                                 |
| Provide Ohio State Online program advertising   |
| Two-minute, program-specific introductory video   |
| Consult with college marketing on strategies for program-specific advertising   |
| Program included in general Ohio State Online marketing strategy  |
| Marketing will only be conducted in states/countries in which the program has been authorized                                     |
| Collaborate with program directors to revise the course development process should an instructor                                  |
| separate from the university during that time. Options include continue work on course through the end of the 14-                 |
| week development process with a replacement instructor or terminate and postpone course development until a                       |
| replacement instructor can be identified.   |
| ~   |

Please note; each service-level agreement will dictate the ODEE products and services utilized



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| MOU created by: | Bob Mick and Jennifer Simmons  |                    |  |
|-----------------|--|--------------------|--|
|                 | Mike Hofherr, Vice President and Chief<br>Information Officer:                                       | Date:<br>11.8.2018 |  |
|                 | David Williams, Dean, College of Engineering:  | Date:              |  |
|                 | DocuSigned by:   | 11/7/2018          |  |
|                 | Marie Mendenhall-Mead, Chief of Staff &<br>Executive Director of Finance, College of<br>Engineering: | Date:              |  |
|                 | Marie Mendenhall-Mead  | 11/7/2018          |  |

\*Please review and attach program revenue projection worksheet.

# PROGRAM REVENUE PROJECTION

| Approved by: | College Fiscal Officer: | Date: |
|--------------|-------------------------|-------|
|              |                         |       |
|              |                         |       |



THE OHIO STATE UNIVERSITY



# SPRING COMMENCEMENT

# THE OHIO STATE UNIVERSITY MAY 5, 2019

#### POMP, CIRCUMSTANCE, AND OTHER SONGS OF A LIFETIME

-by Professor David Citino, 1947–2005, Late University Poet Laureate (Originally presented as the 2000 Winter Commencement address)

If you're like me, you've got a big head, not to mention a funny robe, full of music poems and melodies, the tunes we move to, shower and shave by, study, write to. Not just the incidental,

but the momentous music keeping time. Our histories are measures of song. Listen to your heart: drums of Africa, sea-spume of blind, far-sighted Homer, Sappho's honeyed love lyrics. Often,

music speaks for us, one note saying a thousand words. Like Rodolpho in Puccini's La Boheme, Sono un poeta. I am a poet. Che cosa faccio? What do I do? Scrivo. I write. This ceremony

is loud music—pomp and circumstance of the life you began freshman year or that first day of graduate school. In my head I press Play, and the CD of Big Days kicks on. I leap and linger

over moments too sweet, nearly, for words. I'll never escape rhymes from the nursery. Up above the world so high, like a diamond in the sky. We knew from the start our universe was aglow with wonder.

Italian, Latin, English songs in nasal accents of Cleveland. Gaudeamus igitur, Juvenes dum sumus. So, let us rejoice, while we are young. Youth is that gift we can't comprehend while we're young. This ceremony

means you all are less young than you were. Don't let the heavy knowledge gained from your studies deprive you of the gifts of youth, to be able to rejoice at the drop of a hat, to care for, be moved by others.

Now I hear golden hits of five decades. Big Mama Thornton, and that so-called King (King of what, fried butter sandwiches?) who stole away her hound dog. You ain't never killed a rabbit, you ain't no friend

of mine. As with those profs and TAs, course after course, you had to producekill some rabbits—to earn respect. And at times OSU may have seemed like Heartbreak Hotel, down at the end of Lonely Street, so difficult was it to do your best. Tennessee Ernie Ford, "Sixteen Tons": St. Peter don't you call me 'Cause I can't go. I owe my soul to the company store.

You have been digging deep in mines of knowledge. We all owe our souls to Ohio State, company store of learning, shared experience—precious ore we have in common forever.

Now I hear Domenico Modugno's fervent urging to wish, sing, fly, Volare, Wo-oo. Cantare, Wo-o-o. My grandfather was a peasant farmer, a contadino in Calabria in the toe

of Italy. He knew it's the human lot to dream of flying. Lucky, lucky, lucky me, I'm a lucky son-of-a-gun. I work eight hours, I sleep eight hours, That leaves eight hours for fun.

Hey! He sailed in steerage across the Atlantic, came to Cleveland, where he stayed long enough to work 52 years for the B&O Railroad, before lying down to rest in good Ohio soil. So many of us

here today came from elsewhere, or ancestors did. From Tennessee, Italy, Africa, Asia, Appalachia—even, President Kirwan, the wilds of Kentucky and Maryland. Women and men with backs

supple as birch trunks. The courage it took to pick up stakes and begin again in a new world! Think of the work those older ones did. For you. You all are facing a change right now.

This sheepskin is your passport. You're bound for emigration to the next song of your life. Ohio State is the ark on which you've been sailing. You've been the precious cargo.

But, as Noah once said, I can see clearly now the rain is gone. The ark, our university, was filled to overflowing with the diversity of us. Diversity. Networks and talk shows devalue the word.

(continued on inside back cover)



# THE OHIO STATE UNIVERSITY 421ST COMMENCEMENT

#### SPRING 2019 • MAY 5, 2019 • 12 P.M. • OHIO STADIUM

Presiding Officer Michael V. Drake President

Prelude—11:30 a.m. to 12 p.m.

The Ohio State University Wind Symphony Russel C. Mikkelson, Conductor

Welcome Javaune Adams-Gaston Senior Vice President for Student Life

Processional

National Anthem Graduates and guests led by Dylan M. Davis Class of 2019

Invocation Hancella W. Newberry Director Department of Chaplaincy and Clinical Pastoral Education

Wexner Medical Center

Commencement Address Fareed Zakaria Host, CNN's "Fareed Zakaria GPS" Columnist, *The Washington Post* 

Student Speakers Melissa Martínez-Cuen Class of 2019

Nicholas J. Frankowski Class of 2019

Conferring of Honorary Degree Recipient presented by Clark C. Kellogg Board of Trustees

> Fareed Zakaria Doctor of Humane Letters

#### Conferring of Distinguished Service Awards

Recipients presented by Clark C. Kellogg

George W. Acock Linda S. Kass William T. McDaniel Jr.

#### **Conferring of Degrees in Course**

Colleges presented by Bruce A. McPheron Executive Vice President and Provost

#### Welcome to New Alumni

James E. Smith Senior Vice President of Alumni Relations President and CEO The Ohio State University Alumni Association

Alma Mater—Carmen Ohio

Graduates and guests led by Dylan M. Davis

Oh! Come let's sing Ohio's praise, And songs to Alma Mater raise; While our hearts rebounding thrill, With joy which death alone can still. Summer's heat or winter's cold, The seasons pass, the years will roll; Time and change will surely show How firm thy friendship—O-hi-o!

#### Awarding of Diplomas



Excerpts from the commencement ceremony will be broadcast on WOSU-TV, Channel 34, on Monday, May 6, at 5 p.m.

Livestream coverage and a replay of the ceremony in its entirety can be viewed at commencement.osu.edu/video.html.

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# COMMENCEMENT ADDRESS

# Fareed Zakaria

DOCTOR OF HUMANE LETTERS

A journalist, political scientist and distinguished author, Dr. Fareed Zakaria enriches the national dialogue and advances public awareness of global and domestic affairs. He is the host of "Fareed Zakaria GPS" on CNN Worldwide, a columnist for *The Washington Post* and a contributing editor for *The Atlantic*.

Originally from Mumbai, India, Dr. Zakaria came to the United States in the 1980s to earn a bachelor's degree from Yale University and a PhD in political science from Harvard University. Since that time, he has worked in numerous capacities and mediums, including editor of Newsweek International, managing editor of Foreign Affairs, a columnist for *Time* magazine, an analyst for ABC News and host of "Foreign Exchange with Fareed Zakaria" on PBS.

He is the author of three New York Times best-selling books: In Defense of a Liberal Education, a commentary on the importance of a well-rounded education; The Post-American World, a discussion of the rise of non-Western powers; and The Future of Freedom, an in-depth study of the rise of illiberal democracies.

Since its debut in 2008, "Fareed Zakaria GPS" has become a preeminent public-affairs forum featuring interviews with U.S. presidents and military officials, foreign heads of state, business leaders and social commentators. The program received the prestigious Peabody Award in 2011 and an Emmy Award nomination in 2013.

Dr. Zakaria regularly hosts primetime specials for CNN Worldwide, such as "Blindsided: How ISIS Shook the World," "Why Trump Won" and "Putin: The Most Powerful Man in the World." He also contributes his analysis of world events across CNN's multiple platforms.

In 2017, Dr. Zakaria earned the Arthur Ross Media Award by the American Academy of Diplomacy. He has also been named a "Top 10 Global Thinker of the Last 10 Years" by *Foreign Policy* magazine and holds several honorary degrees.

# STUDENT SPEAKERS

# Melissa Martínez-Guen

CLASS OF 2019

A proud Buckeye and passionate future teacher, Melissa Martínez-Cuen graduates with her bachelor's degree in early childhood education. Throughout her studies at The Ohio State University at Lima, she has exemplified the spirit of service and community engagement that has defined the university since its founding.

After growing up in Mexico, Ms. Martínez-Cuen did not speak English when she moved with her family to Paulding, Ohio, during high school. Yet with the support of friends and teachers, involvement in extracurricular activities and the positive attitude instilled in her by her parents, she and her younger sister quickly mastered their new language. The experience inspired her to pursue a career in education so that she might help others overcome obstacles to reach their full potential.

Ms. Martínez-Cuen enrolled at Ohio State Lima for the opportunity to earn a world-class education close to home and to build relationships within a smaller campus community. Seeking to model the behavior she hopes to inspire in her own students, she immersed herself in campus life — participating in and leading numerous student organizations.

In recognition of her leadership and engagement, she was named the student representative to the Ohio State Lima Advisory Board for the 2018–19 academic year, working alongside community and university leaders to guide the strategic direction of the campus. Ms. Martínez-Cuen also served on the campus-wide Diversity Committee, where she built bridges between her fellow students and the broader community.

She was honored to be crowned Ohio State Lima's 2018 homecoming queen, a role that allowed her to give back through service and further strengthen the Buckeye community across the state.

Following graduation, Ms. Martínez-Cuen looks forward to shaping and inspiring young minds — and sharing her love for Ohio State — as an elementary school teacher in the Ottawa-Glandorf Local School District.

#### Nicholas J. Frankowski CLASS OF 2019

Nicholas "Nick" Frankowski is part of a proud Buckeye legacy. Following the path forged by his grandmother and his parents, Mr. Frankowski chose to attend The Ohio State University for its breadth and depth of opportunities.

Early in his college career, Mr. Frankowski learned that he had an affinity for public service and pursued experiences that enabled him to have a positive impact on the broader world. As a dual major in economics and political science, he joined the Politics, Society and Law Scholars Program during his first semester, which encouraged him to connect with other students and mentors dedicated to active citizenship. Mr. Frankowski also led the Ohio State chapter of College Republicans, an experience that taught him the importance of listening to others. As chair, he and his administration worked to bridge political gaps and prioritize inclusive excellence. They met with student leaders and organizations across campus to facilitate an open dialogue about diversity, inclusion and politics while embracing different opinions and maintaining a cohesive environment.

His work for College Republicans has received national attention. He has been interviewed by NPR and Fox News, and had comments featured in *The Atlantic*, the Californiabased *Sierra* magazine, the *Cincinnati Enquirer* and other media outlets.

In addition to his accomplishments on campus, the Cincinnati, Ohio, native participated in internships in his hometown every summer, including one with Cincinnati City Council.

Mr. Frankowski is honored to be part of the Buckeye family and join the vast network of Ohio State alumni. After graduation, he will return to Cincinnati to begin an interdisciplinary position with Park National Bank. In that role and throughout his career, Mr. Frankowski plans to continue his work as a change agent who exemplifies Ohio State's motto: "Education for Citizenship."

# RECIPIENTS OF HONORS

# George W. Acock

DISTINGUISHED SERVICE AWARD

For nearly six decades, George W. Acock has been an engaged partner of The Ohio State University. His dedication to the university is evident through his remarkable architectural achievements and his unwavering support for new generations of Buckeyes at the Knowlton School of Architecture (KSA).

Mr. Acock aspired to become an architect from a young age. His pursuit of this ambition led him to Ohio State, where he earned his bachelor's degree in architecture in 1963. Four years later, he founded Acock Associates Architects, one of the 10 largest architecture firms in the region, where he currently serves as president and principal-in-charge.

Acock Associates Architects has led the transformation of some of the most significant buildings on campus, including Thompson Library, Sullivant Hall and the newly renovated Pomerene Hall. Each of Mr. Acock's projects exemplifies his devotion to his alma mater and his talent for preserving the grandeur of Ohio State's most historic buildings.

In addition to these notable projects, Mr. Acock served KSA as a teacher, philanthropist, program designer and mentor — providing countless architecture students with real-world learning experiences. He established KSA's Italy Program to facilitate broad cultural exchange by exposing students to the influence of ancient, medieval and Renaissance masters. An accomplished watercolorist, Mr. Acock has donated over 100 of his own watercolor paintings to campus buildings as part of various fundraising activities. He has also dedicated his vast expertise to the boards of several local nonprofit organizations, city commissions and educational institutions.

Mr. Acock received the alumni association's Professional Achievement Award in 2009 and was named one of "Ten Distinguished Alumni" at the KSA centennial celebration. In 2015, he was elevated to the American Institute of Architects' prestigious College of Fellows.

He and his wife, Deb, reside in Columbus.

# Linda S. Kass

DISTINGUISHED SERVICE AWARD

Linda S. Kass is a steadfast advocate for education, literacy and the arts. During her nine-year term on Ohio State's Board of Trustees, her service and leadership were integral to the university's commitment to expand access to an excellent and affordable college education. She has continued her service as a director of The Ohio State University Foundation Board.

A Columbus native, Ms. Kass earned her bachelor's degree at University of Pennsylvania and came back to pursue a master's degree in journalism at Ohio State. She wrote for several regional and national print publications and worked as a communications and public relations executive in the telecommunications industry in Detroit and New York before returning to central Ohio in 1987.

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During her tenure with the Board of Trustees, Ms. Kass served on several notable committees, chairing both the Advancement Committee and the Academic Affairs and Student Life Committee - her engagement on the latter instrumental in the development of the Second-year Transformational Experience Program (STEP). She also co-led a sweeping effort to enhance the university's marketing, fundraising and engagement activities by aligning key functions to maximize coordination and impact across the enterprise. She served as vice chair of the full board for the last two years of her term.

In addition to her board service, Ms. Kass is a dedicated supporter of countless programs at Ohio State including several with a particular focus on creative expression. She established the Young Writers Workshop, an immersive week-long program for high school students from Columbus City Schools and other regional districts to live on campus and study with experienced authors, graduate students and alumni. An avid cyclist, she has participated in Pelotonia since its inception.

Highly involved throughout the greater Columbus community, Ms. Kass has held leadership roles with the Bexley Education Foundation, Capital University, the Columbus Symphony Orchestra and the United Way of Central Ohio, among others.

A writer and editor, Ms. Kass is the founding owner of Gramercy Books, an independent bookstore located in Bexley, Ohio, just east of downtown Columbus.

# RECIPIENTS OF HONORS

# William T. "Ted" McDaniel Jr.

DISTINGUISHED SERVICE AWARD

Dr. William "Ted" McDaniel Jr. is a passionate promoter of jazz history, music performance, African American culture and inclusive excellence at The Ohio State University.

Hailing from the iconic Beale Street in Memphis, Tennessee, Dr. McDaniel's appreciation for music was evident from the start. His passion shaped his educational pursuits as he went on to earn his bachelor's degree from Morehouse College in Atlanta, Georgia, and his master's degree and PhD in music from the University of Iowa.

Dr. McDaniel brought his expertise to Ohio State in 1981, holding joint faculty appointments in the School of Music as director of jazz studies and in the Department of African American and African Studies, where he served as department chair from 1989 to 1996. He worked tirelessly to promote a culture of inclusion and respect, and served as a mentor and advocate for his fellow faculty members.

He also served as director of the Ohio State Jazz Ensemble for 25 years. Under his leadership, the ensemble toured internationally at several of the most prestigious jazz festivals in Europe. His students have gone on to hold significant positions in some of the most respected bands, while others have written for major productions in film and television. An influential composer-arranger in his own right, he has written over 200 arrangements for jazz and marching bands, including compositions for The Ohio State University Marching Band. In 2011, he served as the music conductor for the dedication of the Martin Luther King Jr. Memorial in Washington, D.C.

Dr. McDaniel was the recipient of the Distinguished Teaching Award in 1987, the Distinguished Scholar Award in 1994, the Distinguished Diversity Enhancement Award in 2000 and a 2011 Faculty Award for Distinguished University Service. He retired from Ohio State in 2015 and continues to serve the university community as faculty emeritus.

# A MESSAGE FROM PRESIDENT DRAKE



## Dear Graduates:

Congratulations on earning the diploma soon to be in your hands. Few things are as satisfying as earning an education that is truly yours. This is a milestone achievement — one that gives the green light to begin your next chapter. While you anticipate what is ahead, also consider how much you have gained as an Ohio State student.

During your time on campus, you absorbed a great deal of knowledge, the true currency of today's society. I hope that you were inspired inside a classroom, through a leadership position or by way of a research endeavor, and that we played a role in helping you discover your passion. As the years roll on, regardless of where life takes you, remember to cherish the friends you made here and the wisdom you gained.

Today is your day to celebrate, but it is also a day of gratitude — a time to thank your instructors, mentors, friends and family who helped you reach this pivotal moment. Whether they are sitting in the stands or congratulating you from afar, they have contributed to your success in many ways. So thank your loved ones for the brown-bag lunches that fueled you, and thank teachers for the resources that guided you. Much of what you have accomplished can be traced back to their support.

Many of you chose to attend Ohio State because you wanted to solve problems, change lives or make our world a better place — perhaps all three. Now, more than ever, our world needs ambitious, lifelong learners. Your unique ideas and diverse experiences will shape our future, and your accomplishments will be a positive force for change in communities around the globe. Congratulations, again, on becoming a Buckeye for life!

Sincerely,

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Michael V. Drake, MD President

# CONGRATULATIONS AND WELCOME TO THE ALUMNI ASSOCIATION

Congratulations! We are honored to celebrate you, the Class of 2019.

This is the first of many times you will make your extended Ohio State alumni family proud. Each milestone you reach on your journey, and every life you touch along the way, brings credit to our university and your fellow alumni. One Buckeye's success is shared by all.

Today, during commencement, take time to fully enjoy your accomplishment, but also recognize the people who have supported you — including those at Ohio State who expanded your view of the world while preparing you to go out into it. Take comfort in knowing that Buckeyes will be wherever you go. You'll find alumni clubs and societies in more than 100 cities, organizing everything from game watch parties to scholarship fundraisers.

Whether we are coming to you with one of our regional gatherings or inviting you to come home to campus, your alumni association has many ways to keep you connected to your beloved alma mater. As you begin your career path, or later down the road, consult the association's Bill and Susan Lhota Office of Alumni Career Management. And, because Buckeyes are passionate about paying forward in service to others, we offer many volunteer opportunities.

Ours is a diverse, vibrant and compassionate community, and the alumni association is at the very heart of it. Your alumni association exists to continue inspiring you to be an engaged citizen, forever upholding our university motto: "Education for Citizenship."

With your diploma in hand, you are now a Buckeye for life, and you are officially a member of the Ohio State Alumni Association. Visit osu.edu/alumni to learn more about the benefits available to you.

Again, congratulations on this great achievement. Welcome to our Buckeye alumni family!

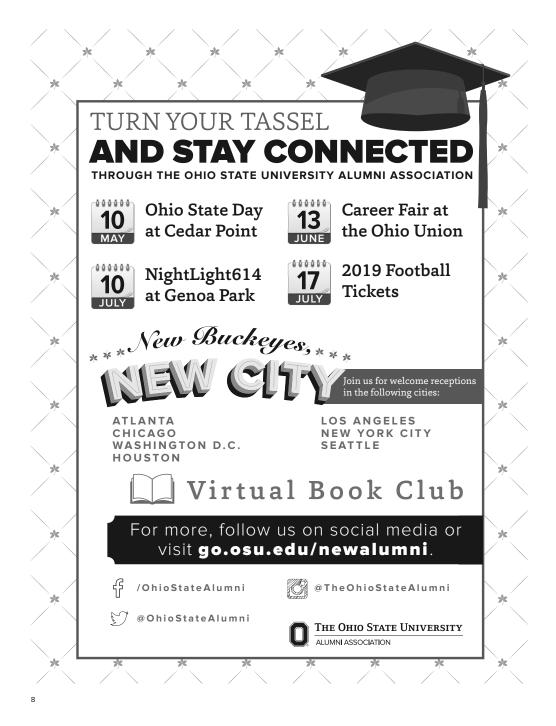
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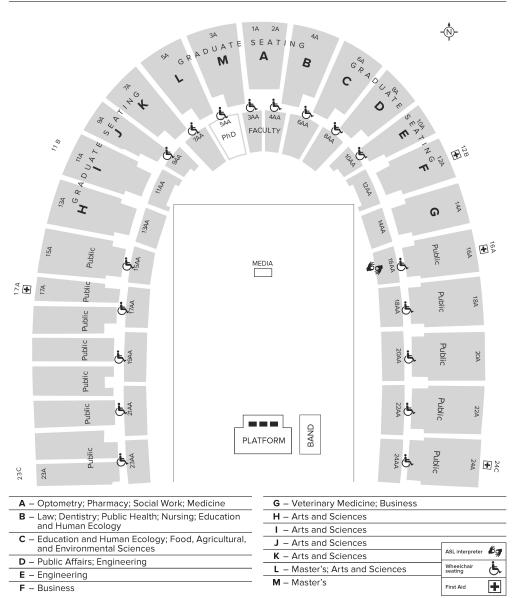
Kristin Watt Chair, Board of Directors The Ohio State University Alumni Association

Sm

Jim Smith President and CEO The Ohio State University Alumni Association



STADIUM SEATING



Public seating also available in all B, C and D deck sections. However, please note: Sections 1–12 on C deck in the stadium's north end will be closed.

Please be seated by 11:30 a.m. for the beginning of the Processional.

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# This program is not an official graduation list.

This printed program lists students who were eligible to graduate for Spring Semester 2019, as of 5:00 p.m., April 22, 2019, pending the outcome of final examinations and final grades. Therefore, it should not be used to determine a student's academic or degree status. The University's official registry for conferral of degrees is the student's permanent academic record, kept by the Office of the University Registrar, Student Academic Services Building, 281 West Lane Avenue, Columbus, OH 43210-1132.

## The Graduate School

Dean: Alicia L. Bertone

#### Doctor of Musical Arts

Ian Anthony Bell, New Franklin B.Music (University of Mount Union) M.Music (University of Akron) Music Dr. Karen Pierson

Edward Stanly Clark, Mentor B.Music (University of Toronto) M.Music (Illinois State University) Music Dr. Timothy Leasure

Daniel Ryan Gallagher, Columbus B.A. (Luther College) M.Music (Illinois State University) *Music* Dr. Katherine Jones

Sarah Elizabeth Korneisel Jaegers, Columbus B.A., B.Music (Iowa State University) M.Music (Michigan State University) Music Dr. Caroline Hartig

James Donald MacDonald III, Dexter, ME B.Music (Capital University) M.Music Music Dr. Thomas Wells

Onsby Cray Rose, Blacklick B.Music (East Tennessee State University) M.Music (Appalachian State University) Music Dr. Russel Mikkelson

Ashley Nicole Summerlin, Columbus B.Music, M.Music Music Dr. Susan Powell

Colin Andrews Wood, Columbus B.Music (West Virginia University) M.Music Music Dr. Scott Jones 10 Liguang Zhou, Shenyang, China Bachelor's (Shenyang Conservatory of Music) M.Music (Ohio University) Music

Dr. Caroline Hong

## Doctor of Philosophy

Michael James Adams, Columbus B.S.Mech.Eng., M.S. Mechanical Engineering Dr. Joseph Heremans

Michael Christian Adler, Columbus B.S. (Michigan Technological University) Aeronautical and Astronautical Engineering Dr. Datta Gaitonde

Keshav Aggarwal, New Delhi, India B.S., M.S. (Indian Institute of Science) M.S. Mathematics Dr. Roman Holowinsky

Hossein Ahmadian Ahmadabad, Tehran, Iran B.S.Civ.Eng., M.S. (University of Tehran) Industrial and Systems Engineering Dr. Soheil Soghrati

Jae-Wan Ahn, Columbus B.S. (University of California) M.A. Agricultural, Environmental, and

Development Economics Dr. Elena Irwin

Ahmet Ata Akatay, Columbus B.S. (Sabanci University) M.S. (Koc University) Biophysics Dr. Richard Fishel Dr. Comert Kural

Mina Alizadeh, Tehran, Iran Bachelor's (University of Tabriz) Master's (University of Tech Malaysia) Industrial and Systems Engineering Dr. William Marras

Basma S A Y E Almusallam, South Surra, Alzahraa, Kuwait Bachelor's (Kuwait University) M.F.A. (Kent State University) Arts Administration, Education and Policy Dr. Candace Stout

Saif Abdulmohsen S. Alsaif, Riyadh, Saudi Arabia Bachelor's (King Saud University) M.S. Electrical and Computer Engineering

LeighAnn Amspaugh, Columbus B.S. (Muskingum University) M.A. Education Dr. Laurice Joseph

Dr. Graeme Smith

Melanie Lorraine Aprahamian, Hilliard B.S. (Clarion University of Pennsylvania) Chemistry Dr. Steffen Lindert Didem Peren Aykas, Columbus M.S. Food Science and Technology Dr. Luis Rodriguez-Saona

Terron Banner, Canal Winchester B.A., M.B.A. (Kentucky State University) Arts Administration, Education and Policy Dr. Candace Stout

Juan Martin Barajas, Grand Junction, CO B.S. (Colorado Mesa University) Integrated Biomedical Science Graduate Program Dr. Kalpana Ghoshal

Randi Bates, Columbus B.S.Nurs., M.S. Nursing Dr. Pamela Salsberry Dr. Jodi Ford

Gaylene Patrice Beam, Columbus B.A. (Ohio Wesleyan University) M.A. Speech and Hearing Science Dr. Robert Fox

Faythe Primrose Beauchemin, Columbus B.S. (Lesley University) M.Educ. (Boston College) Education Dr. David Bloome

Leila Ben-Nasr, Dublin B.A. (Westminster College) M.A. (Millersville University of Pennsylvania) English Dr. Mortin Ponce

Tara Lindsey Benninger, Columbus B.S., M.A. Psychology Dr. Andrea Witwer

Zachery Tyler Beres, Columbus B.S. (Walsh University) Evolution, Ecology and Organismal Biology Dr. Allison Snow

Vivian Marie Bernau, Alexandria, VA B.S. (Iowa State University) Horticulture and Crop Science Dr. Kristin Mercer Dr. Leah McHale

Nicole Dusthimer Bevan, Powell B.A. (Miami University) M.A. Psychology Dr. Lisa Kuhns

Serkan Bicici, Amasya, Turkey B.S.Civ.Eng. (Erciyes University) M.S. Crvil Engineering Dr. Mark McCord Dr. Rabi Wishalani

Yasser Abdulrahman A. Bin Salamah,

Riyadh, Saudi Arabia Bachelor's (King Saud University) M.S. Electrical and Computer Engineering Dr. Umit Ozguner Laura Elyse Binkley, Columbus B.A. (Ohio Wesleyan University) M.Pub.Hith., M.S. Comparative and Veterinary Medicine Dr. Wondwossen Gebreyes Dr. Jeanette O'Quin

Michael Robert Blancato, Columbus B.A. (University of Florida) M.A. (Temple University) English Dr. Scott DeWitt

Alecia Marie Blaszczak, Chardon B.A. (Case Western Reserve University) Integrated Biomedical Science Graduate Program Dr. Willa Hsueh

Christopher M. Bobba, Columbus B.S. (University of Rhode Island) Biomedical Engineering Dr. Samir Ghadiali Dr. Joshua Englert

Donella S. Bolen, Canton B.S. (University of Akron) Evolution, Ecology and Organismal Biology Dr. Ian Hamilton Dr. Jefferson Roberts

Ayendy Jose Bonifacio Peralta, Columbus B.A. (City University of New York, Hunter College) M.A. English Dr. Elizabeth Renker

Jonathan Robert Branfman, Cherry Hill, NJ B.A. (Washington University in Saint Louis) M.A. Women's, Gender and Sexuality Studies Dr. Linda Mizejewski

Megan Renee Brown, Fairborn B.S. (Messiah College) M.A. (Hollins University) Education Dr. Michelle Abate

Aaron Nicholas Bruns, Columbus B.S. Ohio State Biochemistry Program Dr. David Bisaro

Alexander Frederick Brust, Worthington B.S., M.S. Materials Science and Engineering Dr. Stephen Niezgoda

Alexis Meashal Burns, Acworth, GA B.S. (University of South Carolina) Biomedical Engineering Dr. Hojjat Adeli Dr. John Buford

Michael Bush, Columbus B.S. (Rose-Hulman Institute of Technology) M.S. Biomedical Engineering Dr. Orlando Simonetti Dr. Rizwan Ahmard

Christian David Bustamante Amaya, Columbus B.A. (Pontificia Universidad Javeriana) M.A. (Universidad de Los Andes) M.A. Economics D. Julia Thomas

Jesse Thomas Buxton, Columbus B.S., M.S. Physics Dr. Thomas Humanic

Evan Michael Byrne, Loveland B.S.Elec.Cptr.Eng., M.S. Electrical and Computer Engineering Dr. Philip Schniter

Dana J. Caccamise II, San Diego, CA B.A. (Buffalo State College) M.S. (University of Hawaii at Manoa) M.S. Earth Sciences Dr. Michael Bevis

Matthew Alan Campbell, Seattle, WA B.A. (Whitman College) Music Dr. Ryan Skinner Dr. Danielle Fosler-Lussier

Marc Carnovale, Lakewood B.S. M.S. (University of British Columbia) Mathematics Dr. Vitaly Bergelson

Timothy Ellis Carpenter, Columbus B.S. Computer Science and Engineering Dr. Yusu Wang

Ernesto Carranza Castelo, Barcelona, Spain Diploma (Universidad Pontificia De Salamanca) Bachelor's (Universidad Autonoma de Barcelona) Spanish and Portuguese Dr. Eugenia Romero

Joseph Daniel Carver, Johnstown B.Music, M.Music (Ohio University) Music Dr. Daryl Kinney Dr. David Hedgecoth

Alexandra Paige Castillo, Morgantown, WV B.A. (West Virginia University) M.A. Political Science Dr. Sarah Brooks Dr. Irfan Nooruddin

Albert Jen-Yon Chen, Moorestown, NJ B.S. (Johns Hopkins University) M.S. Biomedical Engineering Dr. Alan Litsky

Guoxing Chen, Wenzhou, China B.S., M.S. (Shanghai Jiao Tong University) Computer Science and Engineering Dr. Ten-Hwang Lai Dr. Yinqian Zhang Kuangyu Chen, Beijing, China B.S. (Nankai University) Chemistry Dr. Dehua Pei

Luxi Chen, San Jose, CA B.S. (University of California) Integrated Biomedical Science Graduate Program Dr. Michael Caligiuri Dr. Aharon Freud

Wei-Chuan Chen, Taipei, Taiwan B.Engr. (National Taiwan University) Electrical and Computer Engineering Dr. John Volakis Dr. Asimina Kiourti

Yong Jeon Cheong, Seoul, South Korea B.Music, M.Music (Ewha Womans University) M.A., M.Music Music Dr. Udo Will

Chi-ling Chiang, Columbus Bachelor's (National Chiao Tung University) M.S. (National Yang Ming University) Integrated Biomedical Science Graduate Program Dr. Natarajan Muthusamy Dr. L Lee

Michael Chilcote, Pepper Pike B.A. (Dartmouth College) M.S. Physics Dr. Ezekiel Johnston-Halperin

Mi Sun Choi, Busan, South Korea Bachelor's (Pusan National University) M.Soc.Work (Ewha Womans University) Social Work Dr. MorYee Lee Dr. Holly Dabelko-Schoeny

Samir Chowdhury, Dhaka, Bangladesh B.S. (Tufts University) M.S. Mathematics Dr. Roberto Facundo Memoli Techera

Emre Cinkilic, Columbus Bachelor's (Dokuz Eylul University) M.S. Materials Science and Engineering Dr. Aihua Luo

Caitlin Clary, Columbus B.S. (University of West Georgia) M.A. Political Science Dr. Alexander Thompson

Daniel William Conroy, Columbus B.S. (University of Illinois) Chemistry Dr. Christopher Jaroniec

Lauren E. Cosby, Columbus B.S.Chem.Eng. (University of Dayton) M.S. Biomedical Engineering Dr. Jessica Winter Dr. Christopher Weghorst Aline D avila Gabbardo, Porto Alegre, Brazil Titulo.Mast. (Universidade Federal do Rio Grande do Sul) Materials Science and Engineering Dr. Gerald Frankel

Laura Stiltz Dahl, Columbus B.S. (Georgia Institute of Technology) M.Educ. (University of Georgia) Education Dr. Matthew Mayhew

Deidre Erin Damon, Whitehall B.S. (University of Wisconsin) Chemistry Dr. Abraham Badu-Tawiah

Emily Leona Davidson, Columbus B.A., M.A. (University of Cincinnati) Communication Dr. Zheng Wang

Margaret Louise Day, Columbus B.A. (University of The South) Greek and Latin Dr. Thomas Hawkins

Stephen Richard Deaderick, New Orleans, LA B.A. (Emory University) M.Educ. (University of California) Education Dr. Marc Guerrero

Ankur Vijay Desai, Kansas City, KS B.F.A. (Kansas City Art Institute) M.A. History of Art Dr. Susan Huntington Dr. Christian Kleinbub

Courtney McAlear Dewart, Dayton B.S.Nurs. (Indiana University) M.Pub.HIth. (University of Michigan) Public Health Dr. Kurt Stevenson

Frank Dan DiPiero, Canton Bachelor's (Capital University) M.F.A. (California Institute of the Arts) Comparative Studies Dr. Phillip Armstrong Dr. Barry Shank

John Benjamin DiTrapani, Columbus B.S. (Virginia Polytechnic Institute and State University) M.A., M.Appl.Stats. Psychology Dr. Paulus De Boeck

Patrick Gordon Dougherty, Jacksonville, FL B.S. (Florida State University) Chemistry Dr. Dehua Pei

Arly Marie Drake, Columbus B.S.Agr., M.S. Horticulture and Crop Science Dr. David Gardner Dr. Joshua Blakeslee Manjuan Duan, Issaquah, WA M.A. (Zhejiang University) B.A. (Hefei Normal University) M.Appl.Stats. *Linguistics Dr. Carl Polard Dr. Carl Polard Dr. William Schuler* 

Antonio Alberto Duran, Phoenix, AZ B.A. (New York University) M.S. (Miami University) Education Dr. Susan Jones

Taleed El-Sabawi, Columbus B.A. (University of Southern California) J.D. (University of Texas) M.S. Public Health Dr. Sandra Tanenbaum

Mennat Allah Ahmed Mohammed El-Shaer, Columbus Bachelor's (Ain Shams University) Electrical and Computer Engineering Dr. Fusun Ozguner

Reyna Marie Esquivel-King, Columbus B.A. (University of Michigan) M.A. (New York University) History Dr. Stephanie Smith

Jeffrey Ethier, Columbus B.S. (Florida State University) Chemical Engineering Dr. Lisa Hall

Dr. Keith Redmill

Morgan Volker Evans, Columbus B.S. Environmental Science Dr. Paula Mouser Dr. Gil Rohrer

Parastou Fakhimi, Hilliard B.S.Elec.Cptr.Eng., M.S. Electrical and Computer Engineering Dr. Paul Berger

Abdulaziz Saud W. Fakhouri, Riyadh, Saudi Arabia Bachelor's (King Saud University) M.S. Biomedical Engineering Dr. Jennifer Leight

Yamin Fan, Hangzhou, China Bachelor's (Zhejiang University) M.S. Chemical Engineering Dr. David Wood

Yu Fan, Kirkland, WA B.A. (China Conservatory of Music) Music Dr. Udo Will

Esmat Farzana, Dhaka, Bangladesh B.S. (Bangladesh University of Engineering and Technology) Electrical and Computer Engineering Dr. Steven Ringel

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Kristin Michelle Ferebee, Columbus B.A. (Sarah Lawrence College) M.F.A. English Dr. Thomas Davis

Isabel Cristina Fernandez Puentes, Cali, Colombia Bachelor's (Pontificia Universidad Javeriana) M.S. Electrical and Computer Engineering Dr. Kevin Parsino

Jose Antonio Fortou Reyes, Millersport B.A. (Universidad EAFIT) M.A. Political Science Dr. Sarah Brooks

Joshua Brian Foster, Columbus B.A. (Austin College) Neuroscience Graduate Studies Program Dr. Chien-Liang Lin

Stacy Cecilia Fosu, Macomb, IL B.S. (University of Illinois) M.S. (Illinois State University) Chemistry Dr. David Nagib

Jessica Renee Frampton, Fishers, IN B.A. (Indiana University) M.A. (Clemson University) Communication Dr. Jesse Fox

Matthew Lee Free, Columbus B.A., M.A. Psychology Dr. Michael Vasey

Nicholas Britt Garcia, Columbus B.A., M.S. Environment and Natural Resources Dr Linda Lohao

Evelyn Ann Gertz, Tallahassee, FL B.A. (University of Michigan) M.A. Sociology Dr. Hollie Brehm

Paul Anthony Gilmore, Springboro B.S.Mech.Eng., M.S. Mechanical Engineering Dr. Vishnu Baba Sundaresan

Corinne Marie Gist, Strongsville B.Educ. (University of Toledo) M.A. (Wheeling Jesuit University) Education Dr. Theresa Hessler

Darryl Andrew Gleason, Columbus B.A., B.S. (University of Cincinnati) M.S. Physics Dr. Jonathan Pelz Jennifer Renee Gleason, Columbus B.A. (Christopher Newport University) Philosophy Dr. Tristram McPherson Dr. Benjamin Caplan

Laurene Glimois, Combrit, France Maitrise (Universite De Rennes II) French and Italian Dr. Wynne Wong

Emile Gluck Thaler, Montreal West, Canada M.S. Plant Pathology Dr. Jason Slot

Hugo Jose Gonzalez Villasanti, Asuncion, Paraguay B.S. (Universidad Nacional de Asuncion) M S

Electrical and Computer Engineering Dr. Kevin Passino

Timothy John Grunkemeyer, Columbus B.S. (Arizona State University) Ohio State Biochemistry Program Dr. Thomas Magliery

Rachael Emma Gwinn, Columbus B.A. (University of California) M.A. Psychology Dr. Ian Krajbich

Corinne Nicole Haines, Grove City B.S. (Denison University) Molecular, Cellular and Developmental Biology Dr. Craig Burd

Jamie Michelle Hall, Athens B.A., M.A. Education Dr. Kisha Radliff

Zachary Francis Harvat, Columbus B.A. (University of Tulsa) M.A. English

Dr. Martin Ponce

Bin He, Columbus Bachelor's (Zhejiang University) Mechanical Engineering Dr. Joseph Heremans

Haoze He, Weinan, China B.S. (University of Science and Technology of China) M.S. (King Abdullan University of Science and Technology)

Chemistry Dr. Ross Dalbey

Jacob Michael Heck, Germantown, MD M.S. Geodetic Science and Surveying Dr. Michael Bevis

Mohammad Hejase, Columbus B.S. (United Arab Emirates University) M.S. Electrical and Computer Engineering Dr. Umit Ozguner Dr. Tunc Aldemir Maria Rose Helton, Willoughby Hills B.A. (Mercyhurst University) M.A. (Cleveland State University) Education Dr. Sheila Morgan

Brianne Herrera, Dublin B.S. (University of Texas) M.A. (Texas State University) Anthropology Dr. Mark Hubbe

Mark Randall Hoff, Elkhart, IN B.A., M.A. (Indiana University) Spanish and Portuguese Dr. Scott Schwenter

Isaac Joseph Hong, Dayton B.S.Mech.Eng., M.S. Mechanical Engineering Dr. Ahmet Kahraman

Huimin Huang, Singapore, Singapore B.S. (Purdue University) M.S. (Stanford University) Electrical and Computer Engineering Dr. Graeme Smith

Scott David Huber, Danville, IL B.S. (University of Illinois) M.S. Physics Dr. Comert Kural

Jakub Husek, Jicin, Czech Republic B.S. (Susquehanna University) Chemistry Dr. Lawrence Baker

Grace Hye-eun Hwang, Hilliard B.A. (Yonsei University) M.A. Economics Dr. David Blau

Parker Neil Hyde, Roswell, GA B.S. (Kennesaw State University) M.S. (Georgia Southern University) Human Sciences Dr. Jeff Volek

Zhouxiang Ji, Shuozhou, China Bachelor's (Shenyang Pharmaceutical University) M.S. Pharmaceutical Sciences Dr. Peixuan Guo

Shengjun Jiang, Wuhan, China Bachelor's (Wuhan University) Master's (Renmin University of China) M.A. *Economics Dr. Audrey Light* 

Hyun Jung Joo, Columbus B.A. (Catholic University of Korea) M.Educ. (University of San Diego) Education Dr. Alan Hirvela Sean Allen Kamperman, Columbus B.A. (University of Texas) M.A. English Dr. Christa Teston

Seungbeom Kang, Columbus B.S., Master's (Yonsei University) City and Regional Planning Dr. Rachel Kleit

Stephanie Renae Karhoff, Radnor B.S.Agr. Translational Plant Sciences Dr. Leah McHale Dr. Anne Dorrance

Alexis Ann Keaveney, Columbus B.S. (Oregon State University) M.A. Psychology Dr. Baldwin Way

Hasan Khan, Madison, CT B.S. (University of Rochester) M.S. Physics Dr. Nandini Trivedi

Dietrich Kiesewetter, Columbus B.A. (Saint Mary's College of Maryland) M.S. Physics Dr. Louis DiMauro

Min Kyung Kim, Seoul, South Korea B.Music, M.Educ. (Ewha Womans University) Arts Administration, Education and Policy Dr. Margaret Wyszomirski

Selwan Kim, Daejeon, South Korea B.Engr. (State University of New York at Stony Brook) B.Engr. (Chung-Nam National University) M.S. Mechanical Engineering Dr. Dennis Guenther

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## **Doctor of Education**

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### **Doctor of Nursing Practice**

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# Doctor of Physical Therapy

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Erica Campbell, Columbus B.S. (Cedarville University) Health and Rehabilitation Sciences

Albert Dominic Caserta, Galena B.S. (University of Akron) Health and Rehabilitation Sciences

Grace Anna Couture, Farmington Hills, MI B.S. (Grand Valley State University) Health and Rehabilitation Sciences

Adam Michael Dennison, Broadview Heights B.S. (Eastern Michigan University) Health and Rehabilitation Sciences Heather Ann DeVelvis, Jackson Center B.S. (Bowling Green State University) Health and Rehabilitation Sciences

Allison Kenlein Dusha, Batavia B.S. (Auburn University) Health and Rehabilitation Sciences

Bailey Lauren Endres, Lewis Center B.S.Educ. Health and Rehabilitation Sciences

Keriann May Fanelli, Perrysburg B.S.Educ. Health and Rehabilitation Sciences

Kali Rae Fittro, Tiffin B.A. (Baldwin Wallace University) Health and Rehabilitation Sciences

Ruben Pierce Fonseca, Elmore B.S. (University of Toledo) Health and Rehabilitation Sciences

Aaron William Gonzales, Marysville B.S. (University of Dayton) Health and Rehabilitation Sciences

Kylie Nicole Hayes, Springfield B.S. (Bowling Green State University) Health and Rehabilitation Sciences

Carrie Sue Hess, Columbus B.S.Educ. (University of Dayton) Health and Rehabilitation Sciences

Luke Jeffrey Howard, Columbus B.S. (Ohio Dominican University) Health and Rehabilitation Sciences

Hunter Nicole Johnson, Millbury B.S. (Trine University) Health and Rehabilitation Sciences

Joseph David Jones, Columbus B.S.Educ. Health and Rehabilitation Sciences

Atticus James Jordan, Westerville B.S. (Miami University) Health and Rehabilitation Sciences

Elizabeth Ann Kedrowicz, Columbus B.S. (Grand Valley State University) Health and Rehabilitation Sciences

Justin Paul Kirchmer, Columbus B.S.Educ. Health and Rehabilitation Sciences

Daniel Koller, Euclid B.A. (Thiel College) Health and Rehabilitation Sciences

Alison Marie Krause, Wexford, PA B.S.Educ. (University of Dayton) Health and Rehabilitation Sciences

Elliot Daub Kuzio, Columbus Health and Rehabilitation Sciences Matthew Michael Laney, Sylvania B.S.Educ. Health and Rehabilitation Sciences

Joshua David Lilly, Strongsville B.S.Hlth.Reh.Sci. (Cleveland State University) Health and Rehabilitation Sciences

Megan Frances McCabe, Lewis Center B.S. (Otterbein University) Health and Rehabilitation Sciences

Minori Melinda Minagawa, Dublin B.S.Educ. Health and Rehabilitation Sciences

Jon Alexander Moore, Columbus B.S. (University of South Florida) Health and Rehabilitation Sciences

Timothy Michael Moran, Fairview Park B.S.Nutrition Health and Rehabilitation Sciences

Kyle Campbell Mushill, Pickerington B.S. (Capital University) Health and Rehabilitation Sciences

Nichole Reaver, Lima B.A. (Cedarville University) Health and Rehabilitation Sciences

**Desiree Jordan Rice**, Columbus B.S. (University of Pittsburgh) *Health and Rehabilitation Sciences* 

Erica Marie Robertson, Columbus B.S. (Grace College) Health and Rehabilitation Sciences

Kyle Joseph Rogus, Columbus B.S. (Sacred Heart University) Health and Rehabilitation Sciences

Daniel Dominic Rotella, Loveland B.S.Educ. Health and Rehabilitation Sciences

Ian Christopher Schwochow, Brookville B.S.Biomed.Eng. Health and Rehabilitation Sciences

Morgan Elizabeth Sheets, Gahanna B.S. (University of Dayton) Health and Rehabilitation Sciences

Kelsey Snider, Olmsted Township B.S. (Walsh University) Health and Rehabilitation Sciences

Elissa Anne Slabach Snouffer, Columbus B.F.A. Health and Rehabilitation Sciences

Kirsten Alexandra Stauffer, Grove City B.A. (Malone University) Health and Rehabilitation Sciences

Morgan Ashley Sunshein, Waynesville B.S. (Miami University) Health and Rehabilitation Sciences Paige Elena Torbet, Mason B.S. (Ohio Northern University) Health and Rehabilitation Sciences

Phi Van Tran, Columbus B.S. (University of Massachusetts) Health and Rehabilitation Sciences

Natalie Elaine Trout, Fort Wayne, IN B.S. (Indiana University Purdue University Indianapolis) Health and Rehabilitation Sciences

Doris Elaine Walterhouse, Columbus B.S. (Bethel College) Health and Rehabilitation Sciences

Megan Walters, Sunbury B.S. (Grove City College) Health and Rehabilitation Sciences

Zachary Ryan Warner, Clyde B.S. (Baldwin Wallace University) Health and Rehabilitation Sciences

Morgan Marie Weisgarber, Ironton B.S.Educ. Health and Rehabilitation Sciences

Megan Louise Winegar, Washington Court House B.S. (Wright State University) Health and Rehabilitation Sciences

#### Specialist in Education

Linda Therese Bacigalupi, Columbus B.A. (Allegheny College) M.S. (Eastern Michigan University) M.A. Education

Emily Anne Boyne, Columbus B.S. (Purdue University) M.A. Education

Dustin Fullmer, South Jordan, UT B.S. (Brigham Young University) M.A. Education

Samantha Lyn Leeman, New Albany B.A. (Ohio Wesleyan University) M.A. Education

Jennifer Lyn Litteral, Columbus B.A., M.A. Education

Amy R. Nolan, Bexley B.A., M.A. Education

Alex James Passafiume, Columbus B.S.H.D.F.S., M.A. Education

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### Master in Animal Sciences

Taylor Lynn Scheel, Grafton B.S. (Bowling Green State University) Animal Sciences

#### Master in the Study of Law

Nikia E. Reveal, Columbus B.S. (Ohio University) Law

## Master of Accounting

Alyssa Jean Andes, Columbus B.S. Accounting and Management Information Systems

Katie Andrulis, Columbus B.A. (Wittenberg University) Accounting and Management Information Systems

Ashley Nichole Atchison, Westerville B.S.Bus.Adm. Accounting and Management Information Systems

Daniel Ryan Bailey, Westerville B.A. (State University of New York at Geneseo) Accounting and Management Information Systems

Raneem A. Barri, Bellbrook B.S. (Wright State University) Accounting and Management Information Systems

Cassandra M. Cameron, Burton B.S. (University of Akron) Accounting and Management Information Systems

Jacob Scott Catron, Columbus Accounting and Management Information Systems

Andrew Chen, East Brunswick, NJ Accounting and Management Information Systems

Michael James Conlin, Merrimack, NH B.S.Bus.Adm. Accounting and Management Information Systems

Xiaru Dong, Shanghai, China B.S.Bus.Adm. Accounting and Management Information Systems

Andres G. Escobar, Lombard, IL B.S. (University of Illinois) Accounting and Management Information Systems

Audrey Farber, Loveland B.S. (University of Illinois) Accounting and Management Information Systems Yanyu Feng, Shanghai, China B.A. (University of Dallas) Accounting and Management Information Systems

Takudzwa Pascor Feso, Columbus B.A. (Morehouse College) Accounting and Management Information Systems

Cinara M. Foor, Canton B.Bus.Adm. (University of Akron) Accounting and Management Information Systems

Shiyi Fu, Huzhou, China B.S. (Wenzhou-Kean University) Accounting and Management Information Systems

Logan Raymond Gaskey, Columbus B.S.Bus.Adm. Accounting and Management Information Systems

Arnold Gonzalez, Pflugerville, TX B.Bus.Adm. (Saint Edward's University) Accounting and Management Information Systems

Keaton P. Gossman, Avon B.Bus.Adm. (Kent State University) Accounting and Management Information Systems

Jessica Ruth Hamilton, Powell Accounting and Management Information Systems

Seungyeob Han, Jeonju, South Korea B.S. (State University of New York at Binghamton) Accounting and Management Information Systems

Erik Harris, Columbus B.S. (Brigham Young University) Accounting and Management Information Systems

Mackenzie L. Hitchcock, Medina B.S. (Long Island University) Accounting and Management Information Systems

Alexis Nicole Hooker, Tinley Park, IL B.S.Bus.Adm. Accounting and Management Information Systems

Yu Chun Hsiao, Taoyuan, Taiwan B.A. (University of California) Accounting and Management Information Systems

Hanxiong Jiang, Yichang, China Bachelor's (Shanghai University) Accounting and Management Information Systems

Ange Jin, Shijiazhuang, China Accounting and Management Information Systems Genevieve E. Johanni, Columbus B.A. (University of Notre Dame) Accounting and Management Information Systems

Kelsey Louise Kirkpatrick, Galloway B.S.Bus.Adm. Accounting and Management Information Systems

Joseph Gregory Kleeh, Canfield B.S.Bus.Adm. Accounting and Management Information Systems

Min Jung Kwon, Seoul, South Korea B.Laws (Yonsei University) Master's (Seoul National University) Accounting and Management Information Systems

Michelle K. Lang, Elmhurst, IL B.S.Bus.Adm. Accounting and Management Information Systems

Yuxuan Lei, Xi'an, China B.A. (University of International Business and Economics) Accounting and Management Information Systems

Chengxi Li, Qingdao, China Bachelor's (Shanghai Jiao Tong University) Accounting and Management Information Systems

Gaoyi Li, Jilin, China B.S. (Southern Illinois University Carbondale) Accounting and Management Information Systems

Zhe Lin, Chengdu, China B.S.Bus.Adm. Accounting and Management Information Systems

Ziming Lin, Changchun, China B.S.Bus.Adm. Accounting and Management Information Systems

Katherine L. MacGregor, Pickerington B.S. (Ohio University) Accounting and Management Information Systems

Ryan Alexander McGrath, Hilliard B.S.Bus.Adm. Accounting and Management Information Systems

Evan M. Miller, Winona Lake, IN B.A. (Furman University) Accounting and Management Information Systems

Daniel Joseph Misencik, Solon Accounting and Management Information Systems

Marissa R. Nelson, Bexley B.S. (University of South Florida) Accounting and Management Information Systems

Alexander Scott Nickel, Leawood, KS B.S.Bus.Adm. Accounting and Management Information Systems

Julie Peterson, Morris Plains, NJ B.S. (North Carolina State University) Accounting and Management Information Systems

Austin T. Rathbun, Huron B.S.Bus.Adm. Accounting and Management Information Systems

Stephanie Gabrielle Saccogna, Easley, SC B.S.Bus.Adm. Accounting and Management Information

Systems

Niharika Sikand, Gurugram, India B.S. (State University of New York at Albany) Accounting and Management Information Systems

Wanjia Song, Shanghai, China Bachelor's (Shanghai Maritime University) Accounting and Management Information Systems

Srinivasan Chandrasekaran, Mumbai, India B.Comr.Three (University of Mumbai) Accounting and Management Information Systems

Tyler R. Stacks, Waldorf, MD B.S. (Salisbury State University) Accounting and Management Information Systems

Matthew James Steffan, Williamsville, NY Accounting and Management Information Systems

Julio Stevens II, Beachwood B.Bus.Adm. (Howard University) Accounting and Management Information Systems

Yunfan Sun, Jinan, China B.Bus.Adm. (University of Iowa) Accounting and Management Information Systems

Joseph Taylor, Columbus B.A. (Tufts University) Accounting and Management Information Systems

Geng Tian, Tianjin, China B.S.Bus.Adm., B.S. Accounting and Management Information Systems Rachel T. Travis, Columbus B.A. (University of Washington) Accounting and Management Information Systems

Abigail R. Veres, Lyndhurst B.Bus.Adm. (University of Notre Dame) Accounting and Management Information Systems

Siwen Wang, Columbus B.A. (Michigan State University) Accounting and Management Information Systems

Wenjun Wang, Shanghai, China B.S.Bus.Adm. Accounting and Management Information Systems

Xinxin Wei, New Concord B.A. (Muskingum University) Accounting and Management Information Systems

Na Wen, Tongliao, China Bachelor's, Master's (Beijing Jiaotong University) Accounting and Management Information Systems

Menghan Xiao, Lanzhou, China B.S.Bus.Adm. Accounting and Management Information Systems

Xuejing Xu, Xiamen, China B.S.Bus.Adm. Accounting and Management Information Systems

Jiawen Yang, Columbus Bachelor's (Capital University of Economics and Business) Accounting and Management Information Systems

Ruiming Yao, Wuhan, China B.S.Bus.Adm. Accounting and Management Information Systems

Chuou Ye, Wuhan, China Bachelor's (Fudan University) Accounting and Management Information Systems

Jingna Zhang, Beijing, China Accounting and Management Information Systems

Yingxiang Zhang, Columbus B.S. (Missouri State University) Accounting and Management Information Systems

Zhen Zhang, Dalian, China B.S.Bus.Adm. Accounting and Management Information Systems

## Master of Actuarial and Quantitative Risk Management

Dung Bui, Pickerington Bachelor's (Tambov State Technical University) Actuarial and Quantitative Risk Management

Gan Du, Beijing, China B.S. Actuarial and Quantitative Risk Management

Hao Yan, Chengdu, China B.S. Actuarial and Quantitative Risk Management

Yizhou Zhu, Wenzhou,, China Bachelor's (Zhejiang Gongshang University) Actuarial and Quantitative Risk Management

#### Master of Applied Clinical and Preclinical Research

Julie E. Agriesti, Hilliard B.A. Applied Clinical & Preclinical Research

Jamilah Anderson, Columbus B.S. (Ohio Dominican University) Applied Clinical & Preclinical Research

Ridge Archer, Powell B.S. (Virginia Commonwealth University) Applied Clinical & Preclinical Research

Jeffrey Gordon Barnett, Seattle, WA B.A. Applied Clinical & Preclinical Research

Malia LeNai Bizzell, Newnan, GA B.S. (Albany State University) Applied Clinical & Preclinical Research

Carlee Brown, Grove City B.S. (University of Cincinnati) Applied Clinical & Preclinical Research

April Dawn Green, Lewis Center B.S.Pharm.Sci. Applied Clinical & Preclinical Research

Bridget Kesling, Erwin, NC B.S. (Campbell University) Applied Clinical & Preclinical Research

Maxine Z. Mendelson, Columbus B.S.Hlth.Reh.Sci. Applied Clinical & Preclinical Research

Yevgeniya Pozdnyakova, Columbus B.S. (Northeastern University) Applied Clinical & Preclinical Research

Stacey Roberts, Harrison B.A. (University of Cincinnati) Applied Clinical & Preclinical Research

Allison Lillian Wimer, Sagamore Hills B.S. (University of Toledo) Applied Clinical & Preclinical Research Courtney Kay Wright, Newark B.S. (University of Toledo) D.Chiropra. (Palmer College of Chiropractic) Applied Clinical & Preclinical Research

#### Master of Applied Economics

Ladji Aboubacar Sidiki Bamba, Columbus B.A. (University of Akron) Applied Economics

Ryan Bibo, Columbus B.A. (Capital University) Applied Economics

Ryan Joseph Carroll, Geneva B.A. (Kent State University) Applied Economics

Rose Kamal Joshan, Marysville B.Comr.Three, M.A. (Maharaja Ganga Singh University) Applied Economics

Omar Musa King, Columbus B.S.Bus.Adm. (University of Tennessee) Applied Economics

Johnathen Fredrick Kirby, Bellefontaine B.S.Agr. Applied Economics

Sean O'Toole Kuhn, Columbus B.A. (Marietta College) Applied Economics

Yuhao Liu, Tangshan, China B.Engr. (Hebei University of Technology) Applied Economics

John David Lowrey, Columbus B.S. (University of Akron) M.S., M.B.A. Applied Economics

Yibo Shao, Columbus B.S.Nutrition Applied Economics

Lv Wang, Huanggang, China B.A. (Nanchang Hangkong University) Applied Economics

Xinyi Zhang, Dongguan, Guangdong, China B.S. (Oklahoma State University) Applied Economics

#### **Master of Applied Statistics**

Luke Alan Baker, Pleasant Grove, UT B.S. (Brigham Young University) Statistics

Cheng Cao, Zhaoqing, China B.A. (Rutgers University) Statistics

Jinzhao Chen, Guangzhou, China B.S. (Huazhong University of Science and Technology) Ph.D. (Hong Kong University of Science and Technology) Statistics

Siyao Cui, Beijing, China B.S. (Capital University of Economics and Business) Statistics

Ryan Dawe, Northborough, MA B.A., B.S. (Lafayette College) M.A. (Indiana University) Statistics

Gan Du, Beijing, China B.S. Statistics

Wantong Du, Lehi, UT B.S.Honors, B.S. (University of Utah) Statistics

Jinhong Guo, Columbus Bachelor's (Shandong Normal University) M.Educ. (East China Normal University) Ph.D. (University of Alabama) Statistics

**Qingfang Liu**, Zaozhuang, China Bachelor's (Beijing Normal University) M.A. Statistics

Kartik Lovekar, Mumbai, India B.Tech. (Vellore Institute of Technology) Statistics

Ha Khanh Nguyen, Hue, Vietnam B.S. (San Jose State University) Statistics

Travis Somers, Westerville B.A. (Otterbein University) M.A. (Ashland University) Statistics

Jordan Lynn Vasko, Strongsville B.A., M.A. Statistics

Jia Yan, Qingdao, China B.S. (Beijing Normal University) M.S. Statistics

Chenyu Zhai, Shijiazhuang, China B.S. (Wittenberg University) Statistics

#### Master of Architecture

Simon David Beskitt, Cuyahoga Falls B.S. (University of Akron) Architecture

Kody Patrick DeCosta, Pickerington B.S.Arch. Architecture

Vincent Patrick DeStefano, Naperville, IL B.S.Arch. Architecture

Brandon David Doherty, Columbus B.S.Arch. *Architecture* 20 Rachel Ann Eiferd, Columbus B.S.Arch. Architecture

John Martin Fleming, Columbus B.A.Honors (Miami University) Architecture

Kyle Anthony Fullenkamp, Fort Loramie B.A. (Miami University) Architecture

Kayla Marie Grosheim, Cincinnati B.S.Arch. (University of Cincinnati) Architecture

Mark Hensler, Hamilton Bachelor's (Capital University) Architecture

Michael Kaufman, Beachwood B.S.Arch. (University of Cincinnati) Architecture

Nolan Scott Leber, Sunbury B.S.Arch. Architecture

Alexis Marie Mallett, Columbus B.S.Arch. Architecture

Nathan Lucas Mosure, Boardman B.S.Arch. Architecture

Nisha Muralidhar, Bangalore, India Bachelor's (Visvesvaraya Technological University) Architecture

Emily Elizabeth Porter, Rocky River B.S. (Appalachian State University) Architecture

Michael Assaad Rizk, Pittsford, NY B.A. (Ithaca College) Architecture

Michael Rodney Schwartz, Columbus B.S.Arch. Architecture

Aaron Jacob Scott, Columbus B.S.Arch. Architecture

Justin Roy Slayton, Columbus B.S.Arch. Architecture

Micah John Stidham, Westerville B.S.Arch. Architecture

Eric William Van Deusen, Columbus B.S.Env.Nat.Res. Architecture

Austin Stephan Wessels, Cincinnati B.S.Arch. Architecture Michelle Elizabeth Williams, Columbus B.S. (Virginia Polytechnic Institute and State University) Architecture

#### Master of Arts

Angela Marie Acosta, Gainesville, FL B.A. (Smith College) Spanish and Portuguese

Deborah Louise Adamczak, London B.S.Educ., M.A. Education

Therese Marie Adamo, Upper Arlington B.A. Speech-Language Pathology Program

Lucia Aja Lopez, Santander, Spain Bachelor's, Master's (University of Salamanca) M.A. (University of Louisville) Spanish and Portuguese

Karima Akbary, Columbus B.A. (Kabul University) Public Policy and Management

Brian Paul-Hamilton Allen, Columbus B.A. (Denison University) Education

Chelsea Korankye Appiah, Pickerington B.A. (Miami University) Education

Matthew John Baran, Greenlawn, NY B.S. (University of Maryland) Education

Andrew David Bashford, South Jordan, UT B.A. (Brigham Young University) M.F.A. (Oregon State University) English

Jenna Lee Beadle, Columbus B.A. (Ashland University) Public Policy and Management

Megan Elizabeth Beaver, Brecksville B.S. (Miami University) Education

Kristen Leigh Beck, Columbus B.A. Education

Steven Andrew Beckman, Hilliard B.S. (United States Military Academy) *History* 

Hayley Beckwith, Angola, IN B.A. (Kent State University) Education

Grace C. Bergmann, Columbus B.S. (Indiana University) Education

John Bickers, Columbus B.A. (Miami University) *History*  Kirstin Nicole Bingmer, Columbus B.A. Education

Charles Birge, Columbus B.A. (Macalester College) Comparative Studies

Shelby Mae Bitter, Hudson B.A. Education

Thomas Evan Boggs, Zanesville B.S. (University of Dayton) Education

Adrianna Christeen Braden, Columbus B.A. J.D., M.Laws (Ohio Northern University) Public Policy and Management

Sophie Braga de Barros, Sao Paulo, Brazil B.A., B.A.Jour. (University of Miami) Education

Kayleena Laura Brashear, Geneva B.A., B.S.H.D.FS. Fducation

Noah Christopher Bukowski, Columbus B.A. (University of Connecticut) English

Emma Margaret Carberry, Columbus B.A. (College of The Holy Cross) Education

Caitlyn Camille Chambers, Columbus B.S. (Loyola University New Orleans) Education

David Bernard Chambliss, Columbus B.A. (Bowling Green State University) M.Educ. (Clemson University) Public Policy and Management

Che Han Chen, Hualien County, Taiwan B.A. (Tamkang University) Education

I-Hsuan Chen, Taichung City, Taiwan B.A. (Soochow University, Taiwan) Education

Yu Ling Chen, Kaohsiung, Taiwan B.Educ. (National Taipei University of Education) Education

Erik Paul Clarke, Oviedo, FL B.A. (University of North Florida) Political Science

Mackenzie Colombo, Strasburg B.A. (Baldwin Wallace University) Speech-Language Pathology Program

Alyssa Marie Covey, Pataskala B.S.Educ. Education

Alison Marlene Cummins, Columbus B.A. English

Tyler Joseph Dause, Columbus B.S. Psychology

Abraham Luis Davila-Corujo, San Juan, Puerto Rico B.A. (University of Puerto Rico) English

Hailey Joan Davis, Lakewood B.S. Education

Jacob Ryan Decot, Upper Arlington B.A. Public Policy and Management

Tiara Regine DeGuzman, Westville, NJ B.A. (Rutgers University) Education

Nicole Marie Deley, Youngstown B.A. Speech-Language Pathology Program

Beth Heather DeLong, Nevada B.A. Speech-Language Pathology Program

Nitisha Kirit Desai, Cary, NC B.S. (University of North Carolina at Chapel Hill) Psychology

Dalton Quinn Dey, Gresham, NE B.Bus.Adm. (University of Nebraska) Education

Lisa Ann Dieckman, Arlington Heights, IL B.A. (North Central College) Latin American Studies

Lynette Dixon, Marietta, GA B.A. (Emory University) African-American and African Studies

Megan Catherine Donelan, Granville B.A. Education

Mary Catherine Drop, Columbus B.A. (Shippensburg University of Pennsylvania) Education

Alaina Nicole Eleyet, Columbus B.A. Education

Jacquelyn Evrard, Enon B.S. (Nyack College) Education

Maleah Ferriman, Homerville B.A. Speech-Language Pathology Program

Katherine D. Ford, Columbus B.A. (Oberlin College) African-American and African Studies

Stoni Lin Fortney, Columbus B.S. (Ouachita Baptist University) Psychology Melany Freiria, Miami, FL B.A.Honors (Florida International University) Education

Jingying Gao, Xi'an, China Bachelor's (Shandong University) East Asian Studies

Laura Marie Garzon, Vero Beach, FL B.A. East Asian Languages and Literatures

Kelsey George, Columbus B.A.

Education

Jessica Nichole Gilbert, Lagrange, GA B.S. (University of Georgia) Education

Jonathan Gillett, North Platte, NE B.A. (University of Nebraska) *Film Studies* 

Nadja Rita Ging Jehli, Columbus B.S. (Zurich University of Applied Sciences) B.A. (Universitat Zurich) *Psychology* 

Alper Gobel, Ankara, Turkey B.A., Bachelor's (Ankara University) Film Studies

Abigail Goldman, Westerville B.A. (Ball State University) Speech-Language Pathology Program

Kristyn Goodwin, Nolensville, TN B.A. (Spelman College) Education

Genevieve Elizabeth Grant, Columbus B.A. (Denison University) Education

Michael Christopher Grifka, Ann Arbor, MI B.A. (University of Chicago) English

Santiago David Gualapuro Gualapuro, Otavalo, Ecuador Bachelor's (Universidad San Francisco de Quito) M.A. (University of Texas) Spanish and Portuguese

Jeffrey Donald Gunderson, Columbus B.A. (College of Wooster) Geography

Kaixi Guo, Xi'an, China B.A. (Xi'an Shiyou University) Education

Yuran Guo, Quzhou, China B.A. (Zhejiang Univ of Fin & Econ) Education

Jeremy Hackenberg, Federal Way, WA B.S. (Excelsior College) *Bioethics*  Coralie Schulman Hafner, Columbus B.S.Educ. (Otterbein University) Education

**Elizabeth Jane Hall**, Maumee B.A. Speech-Language Pathology Program

Myia Kimberly Ann Hall, Columbus B.A. (Michigan State University) Education

Brookes Grant Hammock, Columbus B.A., J.D. Geography

Stephanie Rae Harrier, Columbus B.A. Public Policy and Management

Yanar Nizar Hashlamon, Fairfax, VA B.A. (George Mason University) English

Megan Kathleen Held, Reynoldsburg B.A. Psychology

Jennifer Hensley, Columbus M.A. (University of Edinburgh Business School) Speech-Language Pathology Program

Caroline Roberta Hill, North Canton B.A. (Miami University) Theatre

Jennifer E. Hill, Columbus B.S. (Otterbein University) Public Policy and Management

Masashi Hino, Kobe City, Japan Bachelor's (Doshisha University) Master's (Kyoto University) Economics

Mackenzie Paige Hogan, Niles B.S.Agr. Education

Hannah Holdren, New Bremen B.S. (University of Cincinnati) Speech-Language Pathology Program

Ryan Mitchell Holtzman, Miamisburg B.S. (Ohio Northern University) Education

Shelby J. Hursh, Columbus B.A. Education

Alexandra R. Hutchison, Columbus B.A. (Cedarville University) Education

Terry Ingram, Columbus B.S. (Franklin University) Education

Bushra Idris Ismail, Hilliard B.S. Education Marissa Nichole Jenkins, Columbus B.S. (Salem Intl University) Education

Jiongru Jin, Yuyao, China Bachelor's (Zhejiang Agriculture and Forestry University) Education

Lindsey Erin Johnston, Columbus B.A. Education

Lydia Jones, Twinsburg B.S. (Liberty University) Education

Megan R. Jukich, Columbus B.A. (Ohio University) Public Policy and Management

Peri S. Kahraman, Westerville B.A. (Pennsylvania State University) Education

Avery John Kaminski, Moon Township, PA History

Inhan Kang, Jeju, South Korea B.A., B.S., M.A. (Seoul National University) *Psychology* 

Hilary Leah Katz, Columbus B.A. (Skidmore College) Arts Administration, Education and Policy

Steven Mitchell Kenworthy, Columbus Bachelor's (Ohio University) Public Policy and Management

Samantha Christine Coyle Kigar, Dublin B.A. (Denison University) *Education* 

Julie Marie Kindinger, Columbus B.A. (Elon University) Education

Dane Erik Kirk, Worthington B.S.Arch. Slavic and East European Studies

Taylor Marie Kneip, Cincinnati B.A. Speech-Language Pathology Program

Mark Alan Kolat, Mentor B.A. Spanish and Portuguese

Louis Christopher Krolak, Toledo B.A. Fducation

Nathaniel Aaron Landis, Hilliard B.S. (Brigham Young University) *Education* 

Tracel Janee' Leavelle, Dayton B.S.Nurs. (Indiana Wesleyan University) *Education* 

Juwon Lee, Namyangju, South Korea B.A. Women's, Gender and Sexuality Studies

Katherine Hakala Levine, Chagrin Falls Bachelor's (Wellesley College) Education

Shaohan Lin, Brossard, Canada B.A. (McGill University) M.A. (Royal Military College of Canada) *Political Science* 

Courtney Linton, Columbus B.S. (Central Michigan University) Speech-Language Pathology Program

Sara Lynn Loney, Columbus B.Music (Youngstown State University) Music

Jacob Andrew Long, Columbus B.A. (Rhodes College) Communication

Samuel William Lotz, Cincinnati B.A. Education

Yujia Lu, Huzhou, China B.A. (Huzhou University) Education

Ziying Lu, Nanchang, China Bachelor's (Jiangxi Science & Technology Normal University) Education

Summer Wylene Luckey, Youngstown B.A. (Kent State University) Education

Mary Kathleen MacDonald, Gahanna B.Music (Capital University) Slavic and East European Studies

Mariah Marsden, Sarcoxie, MO B.A. (William Jewell College) M.F.A. (University of Missouri) English

Kathi D. Martin, Columbus B.S. (West Liberty University) Public Policy and Management

Crystal Denise Mason, Pickerington B.S. (Kaplan University) Public Policy and Management

Christine Masucci, Hellertown, PA B.Music (Mansfield University of Pennsylvania) Arts Administration, Education and Policy

Ryan J. Max, Columbus B.A. (Miami University) Education

Kyra L. May, Beachwood B.A. (Kent State University) Public Policy and Management Anzia Rae Mayer, Columbus B.A. (Amherst College) East Asian Languages and Literatures

Rachel Elizabeth McConnell, Hubbard B.S. Education

Alexis P. McDonagh, Troy B.A. Education

Kerry Schmidt McGinnis, Columbus B.A., M.A. English

Courtney McNeely, Columbus B.S. (Southern Illinois University at Edwardsville) Speech-Language Pathology Program

Brionna Nicole Mendoza, Fresno, CA B.A. (California State University, Fresno) *History* 

Phillip E. Michel, Columbus B.A. (University of Texas) Public Policy and Management

Shayna Nicole Mikes, Chesterland B.A. Education

Gustavo Adolfo Molinar, Houston, TX B.A., B.S. (University of Texas) Education

Aine Mooney, Columbus B.A. Speech-Language Pathology Program

Chase Vaché Moore, Horn Lake, MS B.Bus.Adm. (University of Mississippi) Education

Victoria Marie Morin, Brunswick B.A. (Otterbein University) Education

Christine Marie Morris, Powell B.A. (Bowling Green State University) Master's (Kent State University) Public Policy and Management

Alexandria Bethann Myers, Van Wert B.S.

Education

Samuel Jacksan Need, Durham, NC B.A. (University of North Carolina at Chapel Hill) M.A. (University of Chicago) Sociology

Jillian Rebekah Noblet, Mansfield B.S.Educ. Education

Mariae Norwood, Pickerington B.A. (University of Pittsburgh) Speech-Language Pathology Program Alicia Nunez, Grove City B.A. (Ohio University) Education

James Willis O'Bryant, Columbus B.A. (University of Michigan) Public Policy and Management

Morgan Elizabeth Oates, Columbus B.A. Speech-Language Pathology Program

Oluwakayode Odumboni, Lagos, Nigeria B.A. (University of Lagos) English

Jordan Olausson, Columbus B.S. (Brigham Young University) Speech-Language Pathology Program

Ayodeji Richard Olugbuyiro, Columbus B.A. (Obafemi Awolowo University) Spanish and Portuguese

David Ellis Orvek, Columbus B.S. (Southern Adventist University) Music

Sara M. Owens, Canal Winchester B.A. M.F.A. (Full Sail University) Public Policy and Management

Anthony Carlo Palmiscno, Avonmore, PA B.A. (Seton Hill University) Spanish and Portuguese

Richard J. Parrish, Columbus B.A. (University of North Carolina) Public Policy and Management

Amanda Jane Patterson, Columbus B.A. Public Policy and Management

Dominic Pelle, Columbus B.A. (University of Cincinnati) Education

Shanye Amari Phillips, Philadelphia, PA B.A., B.S. (Pennsylvania State University) Education

Nicholas Todd Polavin, Grandville, MI B.A. (University of Michigan) Communication

Emily Powers, Cincinnati B.S. (Ohio University) Speech-Language Pathology Program

Meghan Jane Prachar, Grove City B.S.Educ. (Miami University) Education

Shannon Odella Prince, Columbus B.S.Bus.Adm., B.S. (Ohio Dominican University) Public Policy and Management

Christopher William Ray, Columbus B.A. (University of Maryland) M.A. (University of Chicago) Political Science Grant Alden Reed, Johnstown B.S.Educ. (Taylor University) M.Divinity (Northern Baptist Theological Seminary) Education

Dustin E. Rhodes, Upper Arlington B.S. (University of Rio Grande) M.Educ. (Ohio Dominican University) Education

Duncan Patrick Richardson, Bowling Green B.A. Slavic and East European Studies

Jasmine Richardson, Riviera Beach, FL B.S. (Florida State University) Education

John Christopher Riegel, Columbus B.Music, B.Mus.Ed. *Music* 

Alessandra Christianna Rios, Bronx, NY B.A. (Cuny Herbert H Lehman College) African-American and African Studies

Kacie Lynn Ross, Columbus B.A. Speech-Language Pathology Program

**Donna Usita Rutledge**, Columbus B.A. (Ohio Christian University) *Public Policy and Management* 

Alvaro Hugo Salgado Rodriguez, San Salvador, El Salvador Licenciado (Universidad Centroamericana) M.A. (University of North Carolina at Chapel Hill) Spanish and Portuguese

Shaadee Miwa Samimy, Powell B.A. (Washington University in Saint Louis) *Psychology* 

Daniel David Sansuchat, Worthington B.S.Educ. Education

Pujiati Sari, Palu, Indonesia Bachelor's (Universitas Tadulako) Education

Brittany Ann Savko, Columbus B.A. Education

Giorgio Sbardolini, Giussano, Italy M.A., Laurea (Universita Degli Studi di Milano) *Linguistics* 

Maxwell T. Schmidt, Hudson B.S. (Ohio University) Public Policy and Management

Jordan Michelle Schoonover, Columbus B.A. History Lauren Nicole Schulman, Columbus B.A. (Bowling Green State University) Women's, Gender and Sexuality Studies

Kelley Danielle Selhorst, Ottawa B.A. Speech-Language Pathology Program

Hevil Nikesh Shah, Gahanna B.S. (Georgia Institute of Technology) M.Pub.Hlth. (Dartmouth College) M.D. (Augusta State University) *Bioethics* 

Courtney Lee Shaul, Grove City B.A. Public Policy and Management

Blair Shevlin, Newtown, PA B.A. (Goucher College) Psychology

Terrance Renard Singleton, Jacksonville, FL B.A. (University of Central Florida) Education

Mariah Smart, Lewis Center B.A. (Cedarville University) Speech-Language Pathology Program

Kaitlyn Smeraldo, Cedar Grove, NJ B.A. (Bucknell University) Sociology

Emily Ruth Smith, Wagoner, OK B.A. (Texas Christian University) East Asian Studies

Erin Margaret Stefancin, Cleveland B.A. Speech-Language Pathology Program

Jessica Margaret Stickel, Broadview Heights B.A. (Allegheny College) Education

Bridget Stonchus, Sterling Heights, MI B.Bus.Adm., B.A. (Wayne State University) Slavic and East European Studies

Joshua Aaron Streeter, Columbus B.A. (Adams State University) Theatre

Dillon Luke Streifeneder, Columbus B.A. (Lebanon Valley College) *History* 

Kathryn Ludlow Engelbrecht Strimbu, Columbus B.A. (Hope College) Education

Margaret Ellen Suermondt, Cape Coral, FL B.S.Nurs. (Regis University) Education

Matthew Donald Sweitzer, Columbus B.A. (University of Missouri) Communication Katie Michelle Swindler, Wilmington B.A. (Ohio Wesleyan University) Women's, Gender and Sexuality Studies

Ekaterina Tikhonyuk, Moscow, Russia Bachelor's (Moscow State Regional University) Diploma (Moscow State University) Slavic and East European Languages and Literatures

Nicholas Bauman Treat, Louisville, CO B.A. (Colorado State University) East Asian Languages and Literatures

Cory Robert Tressler, Powell B.A. M.A.Teach. (University of South Carolina)

Matthew Paul Van Zile, Sylvania B.S. (Excelsior College) M.A. (Old Dominon University) M.A. (University of Michigan) Near Eastern Languages and Cultures

Megan Haughn Vinco, Westerville B.A. (Miami University) M.S. (Florida State University) Education

Olivia Watts, Springboro B.S. (Miami University) Speech-Language Pathology Program

John David Wear, Columbus B.S. Public Policy and Management

Benjamin W. Webb, Columbus

B.A. (Miami University) Public Policy and Management

Dylan Matthew Williams, Canfield B.S.Bus.Adm.

Melissa Marie Williams, Franklin B.S. (Urbana University) M.S. (Miami University) Education

Alex Michael Winkowski, Clifton, VA B.A. (College of William and Mary) Education

Malia Lee Womack, Columbus B.A. (University of California) M.A. (Columbia University) Latin American Studies

Brenden Wood, Vassalboro, ME B.A. (University of Vermont) Slavic and East European Studies

Kelsey Williams Woods, Columbus B.A. (Vassar College) M.A. (The New School) Master's (Carnegie Mellon University) Communication

Ashley Leann Wright, Beaumont, CA B.A. (University of California) Sociology Meghan Wylie, Cincinnati B.A. (Wheaton College) Speech-Language Pathology Program

Yi Xiao, Shanghai, China Bachelor's (Shanghai Maritime University) Education

Xiling Yin, Mianyang, China B.A. (Shanghai International Studies University) Education

Nicholas Robert Young, Columbus B.Music (Bowling Green State University) *Music* 

Ying Zhang, Fukushima-ken, Japan B.A., M.S. *East Asian Languages and Literatures* 

#### Master of Business Administration

Kathryn Marie Abdellatif, Columbus B.A. (University of Dayton) Business Administration

Tomilola Oluwalanke Abiodun, Lagos, Nigeria B.S. (Covenant University) Business Administration

Timothy Ackart, Columbus B.S. (Alfred University) Business Administration

Trey Addison, New Albany B.A. (University of Toledo) Business Administration

Ismael Alabbas, Dhahran, Saudi Arabia B.S. (Prince Mohammad Bin Fahd University) Business Administration

Aziza Akili Allen, Columbus B.A. Business Administration

Margot Jill Apothaker, Columbus B.A. (Colby College) Business Administration

Ross Mitchel Arasim, Columbus B.A. (Michigan State University) Business Administration

Kingsley Ekene Azom, Gbagada, Nigeria B.S. (Nnamdi Azikiwe University) Business Administration

Cameron McKenzie Baker, Columbus B.A. (Haverford College) Business Administration

Chaitanya Balasubramanyam, Dublin B.A., B.S.Bus.Adm. Business Administration

Jeffrey Taylor Baldetti, Columbus B.S.Bus.Adm. (Elon University) Business Administration Andrew Barley, Dublin B.S.Con.Sys.Mn. (Purdue University) Business Administration

Zachary Hunter Barley, Columbus B.S. (Baldwin Wallace University) Business Administration

Luke Thomas Barousse, Carriere, MS B.S. (University of Mississippi) Business Administration

Mariel Rose Behnke, Columbus B.A. (Vanderbilt University) Business Administration

Tiffany Nicole Bernard, Columbus B.S.Comm. (Ohio University) Business Administration

Kimberly L. Betcher, Elizabeth, PA B.S. (University of North Carolina) Business Administration

Matthew Thomas Bigelow, Columbus B.S.Alld.Hlth.Prof. Business Administration

Garrett M. Black, Dublin B.S. (Brigham Young University) Business Administration

Vincent Blay Roger, La Pobla de Vallbona, Spain Ingeniero (University of Valencia) Business Administration

Kolton J. Bodnovich, Highland Heights B.A. (Vanderbilt University) Business Administration

Andrew Harrison Body, Zanesville B.A. (Muskingum University) Business Administration

Byron Russell Bone, Melrose, FL B.S. (United States Air Force Academy) Business Administration

Madina Rakhimbayeva Boyd, Lancaster B.A. (Webster University) M.A., Doctorate (Adler School of Professional Psychology) Business Administration

Rebecca Lynn Bradshaw, Columbus B.S. (Iowa State University) Business Administration

Matthew Ryan Brady, Columbus B.S. (University of California) Business Administration

Nevin Britto, Columbus B.A. (Harvard University) Business Administration

Jordan Allan Buchanan, New Concord B.S.Mech.Eng. (Trine University) Business Administration

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Cong Nguyen Bui, Nghe An, Vietnam Bachelor's (National Economics University) Business Administration

Steve Caravati, Westerville B.S.Humn.Ecol. Business Administration

Rachelle Carlos, Dublin B.S. (Franklin University) Business Administration

Ricardo Luis Carrau, Powell M.D. (University of Puerto Rico) Business Administration

Abhishek Chakrabarti, Raigarh, Chhattisgarh, India B.S. (University of Kansas) Business Administration

Danielle Lee Cisler, Cleveland B.S., B.A. (Marietta College) M.A. (University of Notre Dame) Business Administration

Kyle William Coffman, Westerville B.S. (University of Kentucky) Business Administration

Ariel Leigh Cooper, Roslyn Heights, NY B.A. (Cornell University) Business Administration

Taylor Reid Cooper, Worthington B.S.Bus.Adm. Business Administration

John Michael Cox, Upper Arlington B.S. (Loyola University Maryland) Business Administration

William Richard Cox, Jr., London B.Bus.Adm. (Mount Vernon Nazarene University) Business Administration

Lindsey Darlene Crumpler, Columbus B.S. (Texas Woman's University) Business Administration

Nikkole Cupp, Columbus B.S. Business Administration

Stephanie Marie Daniel, Columbus B.S.Nurs. Business Administration

Thaddeus Porter Davis, Bexley Bachelor's (Ohio University) Business Administration

Jared Reed Devore, Canal Winchester B.S.Bus.Adm. Business Administration

Bhargav Ram Dharnikota, Mylavaram, India B.Tech. (Indian Institute of Technology Kharagpur) Business Administration

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Breno Fernandes Dias, Catanduva, Brazil B.S.Agr. (Universidade de Sao Paulo) Business Administration

Jessica Michele DiCerbo, Columbus B.S.Env.Nat.Res. Business Administration

Phillip A. Dixon, Columbus B.A. (Johns Hopkins University) M.Pub.Hlth., M.D. (St George's University) Business Administration

Thanh Phuong Do, Hanoi, Vietnam B.A. (Hanoi University) Business Administration

Kyle Dresbach, Westerville Pharm.D. (The University of Findlay) Business Administration

Bryan James Dritschel, Powell B.A. Business Administration

Business Administration

Livia Fanti De Carvalho, Columbus Titulo.Bach. (Universidade Presbiteriana Mackenzie) Business Administration

Lucas Paul Fenik, Columbus B.F.A. Business Administration

Michael David Fisher, Asheville, NC B.S. (United States Naval Academy) Business Administration

Michael Anthony Folino, Plain City B.S.Alld.Hlth.Prof. Business Administration

Allison Folluo, Columbus Bachelor's (University of Missouri) Business Administration

Adam Gast, Columbus B.S.Bus.Adm. Business Administration

William G. Ghidotti, Dublin B.S. (High Point University) Business Administration

John Patrick Gibboney, Canal Winchester B.S.Humn.Ecol. Business Administration

Chad Giganti, Columbus B.S.Bus.Adm. (Seton Hall University) M.A. Business Administration

Scott R. Givens, Medina B.A. (Walsh University) Business Administration

Vimal Gopinathan, Chennai, India B.Engr. (Anna University) Postgrad.Dipl. (Xavier University, Bhubaneswar) Business Administration Keelyn Nicole Green, Columbus B.S.Bus.Adm. Business Administration

Eric S. Grimm, McMurray, PA B.S. (Missouri University of Science and Technology) Business Administration

Joshua Allen Gropp, Columbus B.A. (Indiana University) J.D. (Barry University) Business Administration

Jonathan Philip Grossman, Columbus B.S.Bus.Adm. Business Administration

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Rajat Gugnani, Haridwar, India B.Tech. (Uttarakhand Technical University) Business Administration

Neha Gupta, Okemos, MI B.A., B.S.Bus.Adm. (University of Arizona) M.Educ. (Arizona State University) Business Administration

Daniel Kim Haugen, Columbus B.S. (Indiana University) Business Administration

Anton Hennessy, Columbus B.S. (Pennsylvania State University) Business Administration

Brian Hoar, Tarpon Springs, FL B.A. (Florida Gulf Coast University) Business Administration

Megan Lee Hoppe, Columbus B.S.Chem.Eng. Business Administration

David L. Hornbeck, Lincoln, CA B.S. (California State University, Sacramento) *Business Administration* 

Stephen Hruby, Columbus B.Bus.Adm. (Ohio University) Business Administration

Kevin D. Huber, Westerville B.S.Bus.Adm. Business Administration

Sudha Christy Jebadurai, Poland B.Tech. (Pondicherry University) Business Administration

Neethi Johnson, New Albany B.S. Business Administration

Johnnie Jones, New Albany B.S. (DeVry University - Columbus) Business Administration Mary Jones, Hilliard B.S. (Pepperdine University) Ph.D. (Purdue University) Business Administration

Alisha Kamboj, Columbus B.S. Business Administration

Adam Edward Kanter, Shaker Heights B.A. (Emory University) Business Administration

Monica Kaushal, Lewis Center B.Com.Three, Master's (Panjab University) Postgrad.Dipl. (Institute of Management Technology) Business Administration

Terry Kayofe Kayobotsi, Phoenix, AZ B.S. (University of Arizona) M.Bus.Op.Exc. Business Administration

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Brian R. Keller, Gahanna B.A. Business Administration

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Andris Aiying Koh, Shaker Heights B.Music, M.Music (Cleveland Institute of Music) Business Administration

Mwelwa Changwe Kostrick, Grove City B.S. (Salisbury State University) Business Administration

Kenneth Michael Kozlosky, Columbus B.S., M.S. (Bowling Green State University) Business Administration

Praveen Kumar, Patna, India B.Tech. (Sardar Vallabhbhai National Inst of Technology) Business Administration

James Kuzmik, Wadsworth B.S. (University of Akron) Business Administration

Renee Laubis, Columbus B.A. (Cedarville University) Business Administration

Michael Thomas Lause, Findlay B.S. Business Administration

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Ankit Malik, Columbus B.Engr. (University of Delhi) Business Administration

Sannad Manzar Malik, Solon Bachelor's (Cleveland State University) Business Administration

Christopher Scott Manring, Columbus B.A. Business Administration

Alexander Masica, Columbus B.A., B.A.Jour. (Drake University) Business Administration

Charles Masini, Worthington B.A. Business Administration

Rebecca K. Mayse, Kenton B.S. (The University of Findlay) Business Administration

Paul R. McGee IV, Wheeling, WV B.S. (West Virginia University) Business Administration

Kyle Jacobs McKee, Columbus B.S.Bus.Adm. Business Administration

Jennifer Brandon McKibben, Wilmette, IL B.A. (Clemson University) Business Administration

Lauren McNary, Cincinnati B.S. (Purdue University) Business Administration

Erika C. Miller, Gahanna B.A. (Capital University) Business Administration

Sara Mir, Okemos, MI B.S. (Michigan State University) Business Administration

Soumya S. Mitra, Columbus B.S.Honors (University of Calcutta) Postgrad.Dipl., Master's (Birla Institute of Technology Mesra) Business Administration

Nicole Elizabeth Montoya, Marengo B.S. (Grand Valley State University) Business Administration

Matthew Evan Morris, Columbus B.S.Biomed.Eng. (Purdue University) Business Administration Brett Russell Mosher, Powell B.Bus.Adm. (University of Kentucky) Business Administration

Vanessa Lynn Carney Mulcahey, Ostrander B.A. (University of Mass Dartmouth) Business Administration

Korey Alan Murnane, Hilliard B.S.Bus.Adm. Business Administration

Jon M. Nagel, Bridgeport B.S. (Wheeling Jesuit University) Business Administration

Balakrishna Reddy Nallanagulagari, Hilliard B.Tech. (Sri Venkateswara University) Master's (Bharathiar University) Business Administration

Thomas Fantone Newton, New Albany B.A. Business Administration

Hanh Thi Minh Nguyen, Ha Noi, Vietnam Bachelor's (Foreign Trade University, Vietnam) Business Administration

Huy Dang Nguyen, Hilliard B.S.Chem.Eng. Business Administration

Obineche S. Nnebedum, Columbus B.A. (Kalamazoo College) Business Administration

Prodpran Nontasuwan, Bangkok, Thailand Bachelor's (Chulalongkorn University) Business Administration

Alexander Scott Norr, Provo, UT B.A. (Brigham Young University) Business Administration

Brandon Scott Olesh, Columbus Business Administration

Jessica Weber Olms, Dublin B.A. (Pennsylvania State University) J.D. (University of Michigan) Business Administration

**Ibukunoluwa Oni**, Woodbury, NJ B.A. (University of Pennsylvania) *Business Administration* 

Robert William Osterfeld, Columbus B.A.

Business Administration

Kathleen Marie Ott, Magnolia B.A. (Ohio University) Business Administration

Yaw Owusu Antwi, Columbus B.S. (Kwame Nkrumah University of Science and Technology) M.S. (Clarion University of Pennsylvania) Business Administration Andrew Arnold Page, Sylvania B.A., B.Educ. (University of Toledo) Business Administration

Richard Lamont Paige II, Columbus B.S.Bus.Adm. Business Administration

Katherine Saju Parakal, Dublin B.Engr. (University of Calicut) Business Administration

Rupal Kantilal Parbhoo, Powell Pharm.D. Business Administration

Jessica Pfister, Columbus B.A. (Butler University) M.S. (Texas State University) Business Administration

**Colton Piper**, Columbus B.A. *Business Administration* 

Emily Pohlmeyer, Columbus B.S. (Aquinas College) Business Administration

Aaron J. Price, Plain City B.S.Humn.Ecol. Business Administration

Maxwell W. Pristic, Columbus Business Administration

Joshua B. Quantz, Lebanon B.A. (University of Cincinnati) M.A. (University of Texas) Business Administration

Nathan Elliott Quellhorst, Columbus B.S. (United States Coast Guard Academy) Business Administration

Michael Rainey, Delaware B.S.Bus.Adm. (University of Louisville) Business Administration

Kevin M. Rakes, Morgantown, WV B.S. (West Virginia University) Business Administration

Thomas Caldwell Reed, Columbus B.S.Mech.Eng. (Ohio Northern University) Business Administration

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Gustavo Ribeiro Rafael, Sao Paulo, Brazil Bachelor's (Centro Federal de Edu Tek Celso Suckow de Fonesca) Certifica (Universidade Federal do Rio de Janeiro) Business Administration

Neal Warren Rivera, Columbus B.S. (Towson University) Business Administration Jacob M. Roelen, Washington, PA B.Bus.Adm. (Kent State University) Business Administration

Matthew Robert Rosebaugh, Columbus B.S. (United States Military Academy) Business Administration

Evan Roth, Cincinnati B.S. (United States Air Force Academy) Business Administration

Dale Rupp, Middletown B.Bus.Adm. (University of Cincinnati) Business Administration

Sammy Saber, Yellow Springs B.S. (University of Pennsylvania) Ph.D. (Purdue University) Business Administration

Mitchell Aaron Salsbery, Westerville B.S. (Minnesota State University) D.Phys.Ther. (University of South Dakota) Business Administration

Brett Edward Scheffler, Gahanna B.A. (University of Illinois) Business Administration

Michael Sentz, Dublin B.S. (Miami University) Business Administration

Raghav Sethi, Delhi, India B.S.Bus.Adm. (Babson College) Business Administration

Carl Gabriel Shapiro, Columbus Bachelor's (Syracuse University) Business Administration

Sangyoun Shin, Seoul, South Korea B.S. (Kookmin University) Business Administration

Madeline Ann Shirk, Upper Arlington B.S.Chem.Eng. Business Administration

Thomas Ray Simmons, Upper Arlington B.S.Bus.Adm. Business Administration

Nicholas Paul Sollenberger, Hilliard B.S. (Roger Williams University) Business Administration

**Colin Souza**, Plain City B.S.Bus.Adm. *Business Administration* 

Janna C. Stanford, Sunbury B.A. (Otterbein University) Business Administration

Jaclyn Lee Stentz, Columbus B.S.Bus.Adm. Business Administration

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Isaiah Jahleel Stephenson, Fort Wayne, IN B.S. (Huntington College) Business Administration

Daniel Isaac Stovall, Dayton B.A. (University of Louisville) J.D. (University of Kentucky) Business Administration

Kendra M. Strother, Galloway B.S.Bus.Adm. (Ohio Northern University) Business Administration

Kristen Stubbs, Columbus B.A. (Brigham Young University) Business Administration

Saurabh Suman, Jamshedpur, India B.Engr. (KIIT University) Business Administration

Tyler Anthony Takayama, Columbus B.A. Business Administration

Michael Timothy Thesing, Hilliard B.A. (Marquette University) Business Administration

Charles Douglas Tyler, Columbus B.S.Bus.Adm. (University of Southern California) Business Administration

Sravya Padmaja Vajapey, Centerville B.S.Biomed.Eng. M.D. (Washington University in Saint Louis) Business Administration

Charles Edward Vonderahe, Columbus B.A. (Miami University) Business Administration

James Waterfield, Columbus B.Bus.Adm. (Northwood University) Business Administration

Patrick G. Watson, Beavercreek B.S. (South Carolina State University) Business Administration

Brian Dale Weaver, Columbus B.S.Elec.Cptr.Eng., B.S.Bus.Adm. Business Administration

Brendon Patrick Weeks, Columbus B.S. (Wright State University) Business Administration

Eric Weien, Concord B.S. (Ohio University) Business Administration

Lisa M. Wesolek, Columbus B.S. (Franklin University) Business Administration

Wayne Charles Whipple, Columbus B.S.Chem.Eng. (University of Washington) Business Administration

Benjamin Burba Williams, Columbus B.A. (Davidson College) Business Administration 26 Carson Wilshire, Powell B.S.Bus.Adm. Business Administration

Gregory Steven Wolf, Grandview Heights B.S. (Indiana University) Business Administration

**Eric M. Wu**, Columbus B.S.Pharm.Sci., Pharm.D. *Business Administration* 

**Gianqian Wu**, Hefei, China B.Engr. (Anhui University) M.S. (Shanghai Jiao Tong University) Business Administration

Hayden Scott Young, Solon B.A. Business Administration

Kimberly Kaye Young, Columbus B.A. Business Administration

Adam Wesley Ziegel, Columbus B.A. Business Administration

Garrett James Zook, Grandview Heights B.S.Bus.Adm.

Business Administration

## Master of Business Logistics Engineering

Bhargav Vajhula Anantha, Bengaluru, India B.Engr. (Bangalore University) Business Logistics Engineering

### Master of City and Regional Planning

Daniel Michael Boberek, Columbus B.S.C.R.P. City and Regional Planning

Nicholas Cannistraci, Pataskala B.A. (Houghton College) *City and Regional Planning* 

Gianfranco Aldo Casassa, Columbus B.A. *City and Regional Planning* 

Christian Alexander Cervantes, Berea B.S.Ge.In.Sc. *City and Regional Planning* 

Christopher Crosse Christian II, Columbus B.A. (Lee University) *City and Regional Planning* 

Alicia Yi Christie, Olmsted Falls B.S. (Cleveland State University) *City and Regional Planning* 

Robin Duffee, Columbus B.A. *City and Regional Planning*  Noah Franklin Elmore, St. Charles, MO B.A. City and Regional Planning

Richard Anthony Hansen, Columbus B.A. (Indiana State University) *City and Regional Planning* 

James Christopher Hoppel, Dublin B.A. (Ashland University) *City and Regional Planning* 

Nicholas A. Julian, Columbus B.S.Env.Nat.Res. *City and Regional Planning* 

Sarah Lynn Lilly, Grove City B.A. (Miami University) City and Regional Planning

Hau-Ting James Liou, Highland Heights B.S. *City and Regional Planning* 

Juan Sebastian Mendive, Columbus B.A. (Texas A&M International University) M.A. *City and Regional Planning* 

Christina Marie Neel, Fairfield B.S. (Colorado State University) *City and Regional Planning* 

Oluwatobi Otulana, Whitehouse Station, NJ B.A. (Pennsylvania State University) City and Regional Planning

Emily Phillis, Columbus B.A. City and Regional Planning

Adam Michael Porr, Columbus B.S.Elec.Cptr.Eng., M.S. City and Regional Planning

Stephanie Marie Rhodes, Columbus B.S.Soc.Work City and Regional Planning

Amalia Marie Ricksecker, Columbus B.A. City and Regional Planning

Ye Song, Nanchong, China Bachelor's (Wuhan University) City and Regional Planning

Isabel Sophia Storey, Columbus B.A. (Carleton College) *City and Regional Planning* 

Anna Christine Van der Zwaag, Worthington B.A. (Goshen College) *City and Regional Planning* 

Daniel Patrick Welles, Lakewood B.A. (Cleveland State University) City and Regional Planning

Stephanie Wai-Yan Yu, Mayfield Village B.A. (University of Chicago) *City and Regional Planning*  Brian Michael Zimmerman, Columbus B.A., M.S. *City and Regional Planning* 

## Master of Dental Hygiene

Janelle Elizabeth Cobb, Centerville B.A. (Walla Walla University) B.S. (Loma Linda University) Dental Hygiene

Holly Elizabeth Erenfeld, Portland, OR B.S.Dent.Hygn. (Oregon Health & Science University) Dental Hygiene

Melissa Leah McLaughlin, Sunbury B.S.Dent.Hygn., B.S.Humn.Ecol. Dental Hygiene

Denise Marie Messina, Columbus B.S.Educ. Dental Hygiene

#### Master of Education

Haia Hussain Ahmad, Powell B.S.Educ. Education

Hanan Nader Aljacksy, Columbus B.S.Educ. *Education* 

Carmen Danielle Allen, Delaware B.A. *Education* 

Chelsey Kathryn Anglin, Columbus Education

Abigail Arace, Columbus B.A. (Kenyon College) Education

Karen Elaine Baesman, Powell B.S. Education

Christopher Evan Bailey, Columbus B.A., M.Publ.Adm. Education

Larisa Raynea Barton, Scio B.A. Education

Kristen Mary Bratton, Copley B.A., B.S.H.D.F.S. Education

Jose-Emilio Bravo, Worthington B.S.Educ. Education

David Christian Busarow, Dayton B.A. Education

Emma Elizabeth Alice Butler, Granville B.A., M.A. Education

Daphne Renee Cable, Hebron B.A. Education

Clovetta Shawnece Callender, Columbus B.S.Educ. Education

Clayton Eric Chaffin, Thornville B.A. Education

Mark Aaron Christley, Jr., Canal Winchester B.S. Education

Miranda Linn Conway, Plain City B.S.Educ. Education

Yesenia Cortes, Galloway B.S.Educ. Education

Kevin Christopher Deye, Cincinnati B.A. Education

Megan Marie Donnelly, Dublin B.S.Educ. Education

Muna Dualeh, Hilliard B.A. Education

Kaylea Irene Dykes, Mason B.A. Education

Margaret Ann Earley, Powell B.A. *Education* 

Kierra Nasha Edwards, Canal Winchester B.S.Educ. Education

Tatiana Demes Faria, Columbus B.S.Comm. (University of Miami) M.A. Education

Sherra Michele Feeny, Bexley B.A. (Mount Vernon Nazarene University) Education

Anna Rose Rose Flood, Columbus B.A. Education

Angela Marie Francis, Pickerington B.A. (Capital University) Education

Lauren Nicole Furno, Mount Vernon B.S.Educ. Education Thomas William Gallaher, Westerville B.A. Education

Lauren Taylor Goodall, Tipp City B.S.Educ. Education

Joshua Alexander Graham, Westerville B.S. Education

Hannah Elizabeth Hampton, Wildwood, MO B.S.Educ. Education

Candice Prudence Hannah, Worthington B.A. Education

Christine Lynn Harris, Maineville B.S. Education

Philip William Hathcock, Olmsted Falls B.A. Education

Holly Ann Heck, North Lima B.S.Educ. Education

Chloe Nicole Heins, Sidney B.A. Education

Morgan Elizabeth Hirsch, Worthington B.S.Educ. Education

Christyne Renee Horton, Columbus B.A. Education

Sarah Elizabeth Horton, Medina B.S. *Education* 

Melissa Anne Hudak, Stow B.A. Education

Colin Patrick James, Pickerington B.A. Education

Jakeline Juarez, Hilliard B.A. Education

Amanda Nicole Keeton, Columbus B.A. Education

Stephen Gabriel Kellett, Plain City B.A. Education

Aimee Boramkim Kim, Dublin B.S.Educ. Education Maria Michelle Knox, Columbus B.A. (Butler University) Education

Kyle Noelle Krawczyk, Norton B.A. Education

Ashley Langhais, Columbus Grove B.S. (Bowling Green State University) Education

Joy Lee, Columbus B.S.Educ. Education

Andrew Edward Louwers, Dublin B.S.H.D.F.S. Education

Robert David Lowery, Solon B.A. Education

Kimberly Anne Lutterloh, Worthington B.S.Educ. Education

Sarah Alison Mantel, Pittsburgh, PA B.S.Educ. Education

Delaney Hope Mathews, Gahanna B.S.Educ. Education

Alexa Marie Matinides, North Canton B.S. Education

Brooke Ann McNulty, New Lexington B.S.Educ. Education

Dylan Cole Meese, Grove City B.A. Education

Jacob Richard Miller, Trenton B.A. Education

Sydney Lynn Moore, Columbus B.A. Education

Britany Leigh Morris, Westerville B.S. (Ohio University) Education

Joshua M. Mull, Columbus B.S.Educ. Education

Branden Michael Murphy, Mason B.S. Education

Joseph Martin Murphy, Oakwood B.A. Education Nina Marie Napolitano, Akron B.A. (Capital University) Education

Rebecca Marie Nunemaker, Olmsted Township B.A. Education

Kayla Nicole Nungester, Circleville B.S.Educ. Education

Abigail Hope Peppers, Columbus B.S.Educ. Education

Tanner Andrew Poage, Portsmouth B.A. *Education* 

Heather Ann Quinn, West Chester B.S. *Education* 

Benjamin Aaron Christian Rall, Marshfield, WI B.A. Education

Sara Loren Rau, Columbus B.S. (Ohio University) Education

Joanna Kaye Renner, Dublin B.A. Education

Lisa Ruggiero, Cincinnati B A

Education

Sara Alison Schwanzl, Delaware B.S.Educ. (Ohio University) Education

Rachel Danielle Scoglietti, Canal Winchester B.S.Educ. Education

Hillary Anne Seely, Columbus B.A. Education

Baley Nichole Sipple, Eaton B.A. Education

Jennifer Nicole Slack, Dublin B.S.Educ. Education

Abigail Rae Taylor, Steubenville B.S.H.D.F.S. Education

Katherine Lynne Trigg, Grove City B.S.Educ. Education

Naomi Celina Trimble, Columbus B.A. (Montclair State University) Education

Selena Vlajic, Parma B.A. Education

Michelle Lorene Wehinger, Westerville B.S.Educ. Education

Ashlynn Renee West, Springfield B.S.Educ. Education

Matthew Robert Wheeler, Hilliard B.A., B.S.Mat.Sci.Eng. Education

Dennis W. Williams, Mechanicsburg B.S.Humn.Ecol. Education

Rachel Elizabeth Zeaman, Chagrin Falls B.S.Educ. Education

Michael Howard Zelnik, Upper Arlington B.A. Education

#### Master of Environment and Natural Resources

Clinton Cherrington, Jackson Environment and Natural Resources

## Master of Fine Arts

Joshua Todd Anderson, Columbus B.F.A. (University of Utah) Dance

Caroline Devereux Angell, Columbus B.A. English

Teri Marie Bailey, Poynette, WI B.F.A. (University of Wisconsin) *Art* 

Bita Baligh, Tehran, Iran B.A. (Earlham College) Dance

Jamie Thomas William Battersby, Columbus Diploma (University of the Arts London) B.A.Honors (Falmouth University) Art

Alaina Belisle, Columbus B.A. (Virginia Polytechnic Institute and State University) English

Elizabeth Coulter Blackford, Columbus B.A. (Johns Hopkins University) M.A. (New York University) English 28 Kellie Ann Bornhoft, Columbus B.F.A. (Watkins College of Art, Design and Film) Art

Kevin James Bruggeman, Troy Bachelor's (Ohio University) Design

Michelle Marie Burdine, Columbus B.A. (Antioch College) Master's (Wright State University) Art

Breanne Heather Butters, West Des Moines, IA B.S. (Dakota State University) Desian

Stacey N. Dunten, Lima B.F.A. (Bowling Green State University) Design

Ambre Gay Emory-Maier, Columbus B.A. (State University of New York at Geneseo) M.A. (City College of the City University of New York) Dance

Bruce Evans, Waverly B.S. (Ohio University) Design

Elizabeth Michele Foster, West Henrietta, NY B.F.A. (Alfred University, College of Ceramics) Art

Kelsey Gallagher, Overland Park, KS B.F.A. (Avila University) Theatre

Julia Garbuz, Spokane Valley, WA B.A. (Gonzaga University) English

Jazelynn Goudy, Columbus B.S. (University of Wisconsin)

Neil Richard Grayson, Marion, NY B.A. (State University of New York College at Potsdam) English

Emmalee Rose Hagarman, Granville B.A. (Denison University) English

Kelsey Elizabeth Hagarman, Granville B.A. (Denison University) English

Steffan Hartelt Hruby, Columbus B.A. (University of Minnesota) M.A. (Hamline University) English

Kelsey Rose Huling, Columbus B.F.A. (Pratt Institute) Art Amanda Ingram, Summerfield, FL B.A. (University of South Florida) English

Travis Lee Jarrells, Columbus B.A. (University of Mary Washington) Art

Nickolaus Brandon Larsen, Columbus B.F.A. (University of Nevada) Art

Cassandra Nicole Lentz, Dalton, GA B.A. (Berry College) Theatre

Claire Melbourne, Columbus Dance

Katherine Grace Moore, Columbus B.A. (Hope College) Dance

Julianne Nogar, Plain City B.A. (Bradley University) Theatre

Molly Alyssum Rideout, Columbus B.A. (Grinnell College) English

Taylor M. Ross, Columbus B.F.A. (University of Michigan) Art

Ethan McKinley Rucker, Sweetwater, TN B.F.A. (University of Tennessee) Art

Jacob Samuel Scheier-Schwartz, Columbus B.A. (York University) English

Eliza Montague Smith, Williamsburg, MO Bachelor's, M.A. (University of Missouri) English

Tyler Warren Sones, Columbus B.A. (University of North Texas) English

Matthew Paul Verticchio, Columbus B.A. (Kenyon College) Art

Master of Global Engineering Leadership

Simon Joseph Bartos, Medina B.S.Env.Eng. Global Engineering Leadership

Thomas Paul Mosure, Columbus B.S.Civ.Eng. (University of Cincinnati) Global Engineering Leadership

Arrianna K. Willis, Columbus B.S.Biomed.Eng. Global Engineering Leadership

#### Master of Health Administration

Nicholas Alan Anstine, Columbus B.A. Health Services Management and Policy

Ronald D. Birchfield III, Toledo B.S.Nutrition Health Services Management and Policy

Garrett M. Black, Dublin B.S. (Brigham Young University) Health Services Management and Policy

Kathryn Marilyn Budzik, North Royalton B.A. (Ashland University) Health Services Management and Policy

Sara Margaret Butauski, Hilliard B.Bus.Adm. (Auburn University) Health Services Management and Policy

Samantha Blake Earlywine, Columbus B.S.Hlth.Reh.Sci. Health Services Management and Policy

Kiera Maire Finelli, Solon B.A. Health Services Management and Policy

Reed Nicole Franklin, Newark B.S. Health Services Management and Policy

Kevin Heckle, Columbus B.S. (West Virginia University) Health Services Management and Policy

Gregory Jordan Hendrix, Perrysburg B.S., M.B.A. (Arkansas State University) Health Services Management and Policy

Elisabeth Johnsen, Columbus B.Bus.Adm. (American University, Washington DC) Health Services Management and Policy

Angela Lee, Cincinnati B.S. Health Services Management and Policy

Jahnna Marie Lydic, Canal Winchester B.S.Nurs. (Ohio University) Health Services Management and Policy

Alpha Mansaray, Glen Allen, VA B.S. (College of William and Mary) Health Services Management and Policy

Andrew Louis Mariotti, Columbus B.S. Health Services Management and Policy

Constance Jane Marsh, Mechanicsburg B.S.Hlth.Reh.Sci. Health Services Management and Policy

Sabrina Marie Moxcey, Columbus B.A. Health Services Management and Policy

**Obineche S. Nnebedum**, Columbus B.A. (Kalamazoo College) *Health Services Management and Policy* 

Alexa Katherine Quolke, North Royalton B.A. Health Services Management and Policy

Rachel Madison Roeth, Loveland B.S. Health Services Management and Policy

Sarah Maris Ryan, Columbus B.S.Bus.Adm. (American University, Washington DC) Health Services Management and Policy

Meredith Rose Schram, Columbus B.S.Hlth.Reh.Sci. Health Services Management and Policy

Sara Christine Styer, Powell B.S.Arch. Health Services Management and Policy

Andrew James Suzo, Columbus B.S. Health Services Management and Policy

Daniel James Thompson, Louisville B.A. Health Services Management and Policy

Martusha Thomson, Columbus B.S. (Brigham Young University) Health Services Management and Policy

Talia H. Tullis, Dublin B.A. Health Services Management and Policy

Cameron M. Wright, Columbus B.A. (University of Utah) Health Services Management and Policy

Master of Human Resource Management

Kristina Marie Alexander, Glenview, IL Bachelor's (University of Kentucky) Human Resource Management

Alexander Kirby Austin, Columbus B.A. (Brigham Young University) Human Resource Management

Emily Therese Boyle, Mentor B.A. (Bowling Green State University) Human Resource Management

Jeremy Allen Cantrill, Goose Creek, SC B.A., Master's (University of South Carolina) Human Resource Management

Sarah Moore Kealoha Chung, Columbus B.S.Bus.Adm. Human Resource Management Ziwen Du, Beijing, China B.S.Hsp.Mgt. (Kansas State University of Agriculture and Applied Science) Human Resource Management

Mary Ann Eckman, Columbus Bachelor's (Otterbein University) Human Resource Management

Whitney Strode Flight, Columbus B.A. (Miami University) Human Resource Management

Heidi Christine Frye, Delaware B.S.Educ. (Oklahoma State University) M.A. (Southern Baptist Theological Seminary) Human Resource Management

Caitlin Elizabeth Grey, Gahanna B.S.Bus.Adm. (Ashland University) Human Resource Management

**Qiuyi Gu, Suzhou**, China Bachelor's (Beijing Normal University) *Human Resource Management* 

Jake McCampbell Harter, Dublin B.A. (Marshall University) Human Resource Management

Rachel Maurine Heavilin, Hopedale B.S. (West Liberty University) Human Resource Management

Scott Joshua Hencye, Columbus B.A. Human Resource Management

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Ariel Leigh Henley, Dublin B.A. Human Resource Management

Amanda Hill, Dublin B.S.Educ. (University of Cincinnati) Human Resource Management

Chu En Huo, Kaohsiung, Taiwan B.A. Human Resource Management

Yasmin Jimenez, Columbus B.S.Bus.Adm.

Human Resource Management Ruth Ann C. Karl, Powell

B.A., M.A. Human Resource Management

Tyler Kimble, Bedford B.Bus.Adm. (Ohio University) Human Resource Management

Yoojin Koo, SeongNam Si, South Korea B.A. (State University of New York at Binghamton) Human Resource Management

Tasneem Abbas Lakdawala, Karachi, Pakistan B.Bus.Adm. (Institute of Business Administration Karachi) Human Resource Management Kaiqi Lu, Beijing, China Bachelor's (Beijing Foreign Studies University) Human Resource Management

Mason W. McGrew, Pickerington B.S.Comm., B.S. (Ohio University) Human Resource Management

Saumya Mishra, Westerville B.Tech. (Uttar Pradesh Technical University) Human Resource Management

Aava Patel, Dublin B.A. Human Resource Management

Champaigne Nyree Powell, Brunswick B.S. (Kent State University) Human Resource Management

Mariam Safo, Columbus B.S. (State University of New York College of Technology Alfred) Human Resource Management

Scott Thomas Schultz, Hudson Human Resource Management

Sreyasi Sengupta, Kolkata, India B.S., M.S. (University of Calcutta) M.B.A. (Maulana Abul Kalam Azad University of Technology) Human Resource Management

Sheri Sheffel, Defiance B.Bus.Adm. (Ohio University) Human Resource Management

Lynnsay Marie Sinclair, Dublin B.A. (Kent State University) Human Resource Management

Amanda Nichole Smith, Columbus B.A. (Cedarville University) Human Resource Management

Precious Angelita Suchora Farroni, Powell B.Bus.Adm. (University of Toledo) Human Resource Management

Demi Marie Szittai, Malvern B.A. (Kent State University) Human Resource Management

Brenda Esther Yan, Columbus B.A. Human Resource Management

#### Master of Landscape Architecture

Claire Elizabeth Brewer, Cincinnati B.A. Landscape Architecture

Amanda Nicole Ferguson, Hamilton B.S.Agr. Landscape Architecture

Adam Wetherill Fullerton, Columbus B.A. (North Carolina State University) Landscape Architecture Lizi Huang, Deyang, China Bachelor's, Master's (Sichuan Agricultural University) Landscape Architecture

Benjamin Gordon Kohls, Dayton B.S. (Wright State University) Landscape Architecture

Siyuan Lou, Yiwu, China Bachelor's (Beijing Forestry University) Landscape Architecture

Sicong Ma, Columbus B.A. (State University of New York at Buffalo) Landscape Architecture

Anne Morgan, Columbus B.A. (Miami University) Landscape Architecture

Ariana Cherry Pescara, Williamsburg, VA B.S. (Virginia Commonwealth University) Landscape Architecture

Brittany Lauren Schroeder, Marysville B.A. (Berea College) Landscape Architecture

Zachary Joseph Sevenish, New Albany B.S.C.R.P. Landscape Architecture

Lauren Elizabeth Shewhart, Spring Valley B.S. (University of Dayton) M.S. (Wright State University) Landscape Architecture

Wanchen Wang, Bengbu, China Bachelor's (Nanjing Forestry University) Landscape Architecture

Haowen Wu, Scarborough, Canada Bachelor's (University of Waterloo) Landscape Architecture

Pei Ju Yen, Taichung City, Taiwan Bachelor's (Tunghai University) Landscape Architecture

Linghui Zhang, Taiyuan, China B.S.Lndscp.Ar. (Huazhong Agricultural University) Landscape Architecture

Tianchi Zhang, Wenzhou, China Bachelor's (Hefei University of Technology) Landscape Architecture

#### Master of Learning Technologies

Timothy Bruce Nunn, Jr., Columbus B.A. Education

Mark Thomas Sellner, Tempe, AZ B.A. (Arizona State University) Education

Rebecca Leigh-Ann Southward-Crane, Ashville B.A. (Capital University) M.S. (University of Dayton) Education

#### Master of Mathematical Sciences

Erin Gray, Ravenna B.S. (Pennsylvania State University) Mathematics

Elizabeth Keenen Hance, Columbus B.S. (Marshall University) Mathematics

Nichole Buczynski Slover, Dayton B.A. (University of Wyoming) Mathematics

Ying Yin, Shanghai, China Mathematics

Xiao Zha, Beijing, China Bachelor's (China University of Petroleum) Mathematics

### Master of Music

Kelsey Leigh Broker, Jeannette, PA B.Music (Baldwin Wallace University) Music

Dylan Michael Davis, Marion B.Music (Otterbein University) Music

Hilary Ann Hobbs, Grove City B.Music

Nadia Lynn Marshall, Naples, FL B.Music (Florida State University) Music

Alexander M. Port, Solon B.Music (Miami University) Music

Ben Arthur Shaheen, Canton B.Music (Baldwin Wallace University) Music

Xin Su, Xiamen, China Bachelor's, Master's (Beijing Normal University) Music

Gabrielle Alissa Valladares, Canyon Country, CA B.Music (University of California) *Music* 

Michael Solomon Weintraub, Columbus B.Mus.Ed. (Florida State University) Music

Master of Plant Health Management

Layne Nicole Connolly, Columbus B.S.Food.Ag.Bio.Eng. Plant Health Management

Sara Diane Eff, Hilliard B.S. Plant Health Management

Cali Lynne Granger, Homeworth B.S. (University of Mount Union) Plant Health Management 30

#### Master of Public Administration

Alexis Asamoah, Louisville, KY B.A. (University of Kentucky) Public Policy and Management

Saphace Afua Asamoah, Louisville, KY B.Bus.Adm. (University of Kentucky) Public Policy and Management

Layla Marie Banaie, Columbus B A

Public Policy and Management

Catherine Cowan Becker, Grove City B.A. (University of North Carolina at Chapel Hill) M.A. (Indiana University) M.A. (University of Wisconsin) Public Policy and Management

Keith Michael Christopher, Powell B.A. Public Policy and Management

**Dominic Anthony Ciolli**, Copley B.A. (Loyola University Chicago) *Public Policy and Management* 

Tyler Jonathan Conner, Grove City B.A. (Capital University) Public Policy and Management

Rachel Anne DeMooy, New Albany B.A. Public Policy and Management

Julia S. Dionne, Columbus B.A. Public Policy and Manaaement

Audrey Ann Flood, Bloomville B.A.

Public Policy and Management

Sheldon Alan Goodrum, Jr., Beavercreek B.A. Public Policy and Management

Yiran Hao, Columbus B.S.Bus.Adm. Public Policy and Management

Lara Elizabeth Herreid, Wichita Falls, TX B.A. (Southwestern University) Public Policy and Management

Yuhan Hu, Zhaotong, Yunnan, China Bachelor's (Sichuan University) Public Policy and Management

Jiwoong Jung, Seoul, South Korea B.S. (Kookmin University) B.A. (State University of New York at Binghamton) Public Policy and Management

Adam Edward Kanter, Shaker Heights B.A. (Emory University) Public Policy and Management Kaitlyn Kendall-Sperry, Dublin B.A. (Kenyon College) Public Policy and Management

Dane Erik Kirk, Worthington B.S.Arch. Public Policy and Management

Erin Morgan Koyle, Hilliard B.A. Public Policy and Management

Matthew J. Latham, Columbus B.A. Public Policy and Management

Mason Alexander Laurie, Columbus B.S. (Florida State University) Public Policy and Management

Cheyenne Cassidy Meek, Port Clinton B.A. Public Policy and Management

Aditi Sujata Naik, Columbus Public Policy and Management

Michelle Abena Nkumsah, Townsend, DE B.A. (University of Pittsburgh) Public Policy and Management

Kenneth Brice Poland, Columbus B.S. (Muskingum University) Public Policy and Management

Stephanie Marie Powers, Pickerington B.A., M.Soc.Work Public Policy and Management

Dexter Ridgway, Bryan B.A. (Ohio Northern University) Public Policy and Management

Sarah Roveda, Columbus B.A. (Xavier University) Public Policy and Management

Brandon Wayne Schrader, Emporia, KS B.S. (Emporia State University) Public Policy and Management

Adam Ross Sedlacko, Twinsburg B.A. (Ohio University) Public Policy and Management

Robert Taylor Settles, Mason B.S.Civ.Eng. (University of Cincinnati) Public Policy and Management

Sarah Mollie Shaw, Shaker Heights B.A. Public Policy and Management

Samuel Sobul, Westerville B.S. (Emory University) Public Policy and Management

RosaLia Mary Stadler, Cuyahoga Falls B.A. (University of Dayton) Public Policy and Management Nathaniel Waite Steinlicht, Milbank, SD B.A. (University of South Dakota) Public Policy and Management

Leah James Uhrig, Chillicothe B.S.Soc.Work, M.Soc.Work Public Policy and Management

Robert Nathan Ward, Columbus B.S. Public Policy and Management

Jonathan Brian Weeks, Columbus B.S. (Texas A&M University) Public Policy and Management

William Jamison Welch, Columbus B.S. Public Policy and Management

Rachel Annalea Wolf, Toledo B.A. (George Washington University) Public Policy and Management

#### Master of Public Health

Jennifer Marie Allmaras, Columbus B.A. (Beloit College) Public Health

Kristen Alsept, Columbus B.S.Alld.Hlth.Prof. Public Health

James Andrew Barkley, Columbus B.S. (Emory University) Public Health

Rhiannon Bates, Shoreline, WA B.S. (University of Washington) Public Health

Lucas James Bowen, Somerset Bachelor's (Ohio University) Public Health

Lauren Renee Brady, Grove City B.S. (Miami University) Public Health

Morgan A. Brown, Reynoldsburg B.S. Public Health

Megan E. Brundrett, Powell B.S. (Ohio University) M.D. (Wright State University) Public Health

Brianna Colleen Byrne, Danbury, CT B.S. (University of Connecticut) Public Health

Autumn Brooke Carey, Coal Grove B.S.Hlth.Reh.Sci. Public Health

Hanna Elaine Cook, Lebanon B.S. (The University of Findlay) *Public Health* 

Jessica Emilee Cornwell, Galloway B.S. Public Health

Misti Lyn Crane, Columbus B.A.Jour. Public Health

Rachel Marie Czerny, Twinsburg B.S.Educ. Public Health

Melissa Katherine Eperjesi, Poland B.S.Pub.Hlth. Public Health

Muhammadi Fatima, North Canton B.Med.,B.Surgry. (Ziauddin University) Public Health

Erin M. Fawley, Jamestown B.S.Humn.Ecol. Public Health

Kaitlyn Marie Ferrara, Cincinnati B.S.Educ. Public Health

Emily Elizabeth Feyes, Columbus B.S., D.V.M. Public Health

Rebecca Jane Fultz, Wilmington B.S. Public Health

Rashelle Alise Ghanem, Dublin B.S. Public Health

Kristyn Glover, Hollis, NH B.S. (Loyola University Chicago) Public Health

Alexandra Gonzales, Loveland B.A. (Kenyon College) Public Health

Kaitlyn Margot Hanley, Van Nuys, CA B.S. (Medaille College) Public Health

Madeleine Joyce Hausmann, Sylvania B.S.Nutrition Public Health

Corinne E. Hendrock, Silver Lake B.S. (John Carroll University) Public Health

Kayleigh Humphries, Gahanna B.S. (Denison University) Public Health

Elisabeth Johnsen, Columbus B.Bus.Adm. (American University, Washington DC) Public Health

Mary Grace Kaeding, Wilmington, DE B.S.Pub.Hlth. Public Health Alexis Marie Kubina, State College, PA B.S. (Pennsylvania State University) Public Health

Dorothy Christie Lakis, Southport, NC B.S. (Miami University) Public Health

Antonio Michael Malloy, Westerville B.S. (Temple University) Public Health

Sohom Manna, Beavercreek B.S.Hlth.Reh.Sci. Public Health

Ashley Nicole Mohler, Tipp City B.S. (Wright State University) Public Health

Kenya LeBree Moyers, Garfield Heights B.A. (Case Western Reserve University) Public Health

Evan Matthew Mulvihill, Columbus B.A., M.D. (University of Virginia) Public Health

Callan Andrew George Myerscough, Columbus B.S. Public Health

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Jelissa Neal, Columbus B.S. (East Tennessee State University) Public Health

Meghan Emily Pawlikowski, Macedonia B.S. Public Health

Callie Powers, Lakewood B.A. (Miami University) Public Health

Grace Margaret Powers, Lakewood B.S.Pub.Hlth. Public Health

Emily Katherine Quesinberry, Columbus B.S. (Virginia Polytechnic Institute and State University) Public Health

Sabrina Diane Sanchez, Columbus B.A. (Beloit College) Public Health

Samantha Jo Schoeppner, Homeworth B.A. Public Health

Lindsay Sasha Schwartz, Columbus B.S.Humn.Ecol. Public Health

Sara Grace Sexton, Mason B.S. Public Health

Brooke Nicole Sharpless, Wadsworth B.S.Dent.Hygn. Public Health Shea Madison Smoske, Chardon B.S.Pub.Hlth. Public Health

Ana Dominique Sucaldito, Mason B.S. Public Health

Yuni Tang, Huaihua City, China B.Med. (Hebei Medical University) Public Health

Jennifer Lynn Van Dine, Miamisburg B.S. (Mississippi College) Public Health

Tzu-Fei Wang, Columbus B.S. (National Taiwan University) B.S., M.D. (University of Minnesota) Public Health

Solomiya Zborovska, Hinckley B.S. Public Health

## Master of Science

Fadi Tariq A Abumansour, Mecca, Saudi Arabia B.S. (Umm Al-Qura University) Electrical and Computer Engineering

Erin Marie Ackerman, Liberty Township B.S. (Texas State University) B.S.Nurs. (University of Texas) *Nursing* 

Hillary Grace Adams, Sandusky B.S.Nurs. (Kent State University) *Nursing* 

Yoseph Datu Adiatma, Klaten, Indonesia Sarjana (Bandung Institute of Technology) Earth Sciences

Amber Marie Aeilts, Galena B.S. Genetic Counseling Graduate Program

Anjali Agarwal, Moradabad, India B.Engr., M.S. (Birla Institute of Technology and Science) ΜΔ

Statistics

Kevin Manish Agarwal, Ahmedabad, India B.Engr. (Birla Institute of Technology and Science) Mechanical Engineering

Clifford Akateh, Columbus B.S. (Salem State University) M.D. (University of Michigan) Medical Science

Abdulmoez Abdulwhab O Al Ismaeel, Al Ahsa, Saudi Arabia Bachelor's (King Faisal University) *Civil Engineering*  Muneer Issa Salim Al Sabbagh, Irbid, Jordan B.S. (American University of Sharjah) M.S. (RWTH Aachen University) Electrical and Computer Engineering

Arkann Al-Khalilee, Centreville, VA B.S. (University of Akron) Pharmacology

Patricia Albano-Seitz, Lima B.S.Nurs. Nursing

Emily Austyn Albrecht, Yellow Springs B.S.Biomed.Eng. Biomedical Engineering

Mohammed Hamoud S Aldawsari, Buraydah, Saudi Arabia B.S. (Qassim University) Electrical and Computer Engineering

Atefeh Alizadehbirjandi, Alexandria, VA B.S. (Isfahan University of Technology) M.S. (Sharif University of Technology) Chemical Engineering

Stephanie Daney Allan, Salt Lake City, UT B.S. (University of Utah) Pharmacology

Anne Allen, Columbus B.S.Nurs. (University of South Florida) Nursing

Rachel Elizabeth Allgood, Columbus B.S.Nurs. Nursing

Christan Packard Allison, Delaware B.S.Nurs. (Eastern Kentucky University) Nursing

Abdullah Mohammed A Aloraini, Buraydah, Saudi Arabia B.S. (Qassim University) *Civil Engineering* 

Majed Saleh S Alreshoodi, Buraydah, Saudi Arabia B.S. (Qassim University) *Civil Engineering* 

Abdulsalam Mohammed A. Alsughayyir, Buraydah, Saudi Arabia B.S.Elec.Eng. (Qassim University) Electrical and Computer Engineering

Saeed Ali M Alzahrani, Columbus B.S. (King Abdul Aziz University) M.S. (University of Colorado at Colorado Springs) Electrical and Computer Engineering

Haylee Christine Amick, Canal Winchester B.S. (Ohio University) Nursing

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Dhruv Jayesh Amin, Mumbai, India B.Engr. (University of Mumbai) Industrial and Systems Engineering Ikechukwu Emmanuel Anaje, Brunswick B.Med.,B.Surgny. (University of Nigeria) Nursing

Gretchen Christine Anchor, Elk Grove Village, IL B.S. (University of Illinois) Environment and Natural Resources

Peter Allen Andrews, Jr., Cincinnati B.S., B.S.Bus.Adm. (Boston University) Aeronautical and Astronautical Engineering

Stacey Antle, Newark B.S. (Troy University-Main Campus) B.S.Nurs. (Texas Christian University) Nursing

Ashley Fay Antonio, White Plains, MD B.S. (University of Akron) Pharmacology

Shannon Marie Appelfeller, Grove City B.S.Nurs. Nursina

Kimberly Suzette Applegate, Lancaster B.S.Nurs. (Mount Carmel College of Nursing) Nursing

Mukilan Thirunavukka Arasu, Chennai, India B.Tech., M.Tech. (Indian Institute of Technology Kharagpur) Mechanical Engineering

Paige L. Armentrout, Mason B.S.Hlth.Reh.Sci. Health and Rehabilitation Sciences

Rachel Ann Arnold, Loudonville B.S. (Ohio Northern University) Nursing

Munevver Elif Asar, Ankara, Turkey Bachelor's (Bilkent University) Mechanical Engineering

Cody Thomas Ash, Columbus B.S.Nurs. (Ashland University) Nursing

Tiffany Lynn Atkinson, Hilliard B.S.Env.Nat.Res. Environment and Natural Resources

Rodrigo Auza Gutierrez, Columbus B.S.Aero.Astro.Eng. Aeronautical and Astronautical Engineering

Ayoola Olajuwon Awosika, Stanley, NC B.Tech. (Ladoke Akintola Univ of Tech) M.D. (All Saints University College of Medicine) *Pharmacology* 

Alison Julia Ayres, Hilliard B.S.Nurs. (University of Kentucky) Nursing

Nicholas Jordan Bailes, Middletown, PA B.A. (Villanova University) Environmental Science Sarah Ball, Baltimore B.S.Nurs. (Capital University) Nursing

Nicholas MacKenzie Balyint, Massillon B.A. Nursing

Arnab Banerjee, Kolkata, India B.Tech. (Regional Engineering College) Computer Science and Engineering

Mary-Corinne Elizabeth Barlow, Columbus B.S.Nurs. (University of Cincinnati) Nursing

Michael Wayne Barnes, Marysville B.S. (Excelsior College) M.B.A. (Ohio University) Nursing

Meghan Florence Bartlebaugh, Akron B.S.Nurs. (Duquesne University) Nursina

Katherine Rose Baruk, Mason B.S. Nursing

Eric Charles Bauer, Dublin B.S.Elec.Cptr.Eng. Electrical and Computer Engineering

Kyle William Bays, Bidwell B.S.Pharm.Sci. Pharmacology

Philip Jay Behnfeldt, Sylvania Bachelor's (University of Toledo) Nursing

Briana Renae Bell, Canal Winchester B.S.Nurs. (University of Cincinnati) Nursing

Jennifer Ann Bell, Columbus B.F.A. Nursina

Alyssa Kathryn Belling, St. Louis Park, MN B.S. (University of Wisconsin) Pharmacoloav

Elizabeth Ann Berg, Owatonna, MN B.S. (University of South Dakota) Environment and Natural Resources

Nia Nicole Betton, Columbus B.S.Nurs. Nursing

Sarah Willig Bittel, Columbus B.S.Nurs. (Murray State University) Nursing

Andrea E. Black, Orient B.S.Nurs. (Capital University) Nursing

Katie Lynn Black, Grove City B.S.Nurs. Nursing Kathryn Blocher, Columbus B.S.Nurs. (Georgetown University) Nursing

Marielle Blumenthaler, Brecksville B.S. (University of Notre Dame) Vision Science

Samuel Agyenim Boateng, Columbus B.S.Nurs. (Otterbein University) Nursing

Jack Boes, Great Falls, MT B.S.Mech.Eng. (Purdue University) Mechanical Engineering

Peter Joseph Bonavita, Xenia B.S.Mech.Eng. Mechanical Engineering

Prim Boonwisut, Bangkok, Thailand B.S. (Purdue University) Industrial and Systems Engineering

Mark Anthony Boyce, Jr., Johnstown B.S. Anatomy

Laura Anne Bradigan, Worthington B.F.A. Nursing

Ryan Brady, Cincinnati B.S.Aero.Astro.Eng. Aeronautical and Astronautical Engineering

David Alan Brandsrud, Mendota Heights, MN B.A. (Augustana University) Nursing

Gwynne Meredith Briggs, Lewis Center B.S.Elec.Cptr.Eng. Nursing

Maria Brnjic, Willoughby B.S.Hlth.Reh.Sci. Nursing

Elizabeth Jordan Brooke, Upper Arlington B.S.Educ., M.S. (University of Akron) Nursing

Timothy Patrick Brophy, Columbia Station B.S. B.S.Nurs. (Walsh University) Nursing

Leslie Page McAdams Brouwer, Columbus B.S.Hlth.Reh.Sci. Nursing

Christopher Ryan Brown, Columbus B.S. (United States Military Academy) Industrial and Systems Engineering

Kelley Anne Brown, Columbus B.S. (California State University, East Bay) Nursing

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Savannah Ariel Morris, South Point B.S.Nurs. Nursing Emily Susan Mowry, Columbus B.S.Nurs. Nursing

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Amanda Christine Mutchler, Bucyrus B.S. (Bowling Green State University) *Human Sciences* 

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Katherine Myers, Lexington B.S. Genetic Counseling Graduate Program

Ashwati Nair, Noida, India B.Tech. (Mahatma Gandhi University) M.S. (Birla Institute of Technology and Science) *Computer Science and Engineering* 

Derek Maher Nasir, Gilbert, AZ B.S. (Arizona State University) *Physics* 

Jennifer Marie Nauman, Columbus B.A. M.S. (University of Dayton) Nursing

Dominic Taniform Nchamukong, Grove City B.S. (University of Buea) B.S. (University of Akron) *Nursing* 

Allison Christina Nelsen, Hilliard B.S.Nurs. (University of Toledo) Nursing

Amelia Rose Nelson, Columbus B.S. (Indiana University) Earth Sciences

Kembral Nelson, Columbus B.A. (Vanderbilt University) *Pharmaceutical Sciences* 

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Kirsten Richelle Nickles, Wellington B.S., B.A. (Capital University) Animal Sciences

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Elyssa Iris Okkelberg, Mobile, AL B.A., B.S. (Pennsylvania State University) Welding Engineering

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Mackenzie G. Overmeyer, Columbus B.A. (Wittenberg University) M.S. (Tiffin University) Nursing

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Hilary Callahan Rice, Columbus B.S. (University of Puget Sound) D.V.M. (Washington State University) Comparative and Veterinary Medicine

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Alexander Phillip Ward, Dayton B.S. Public Health

Ronni Lynn Wasmuth, Columbus B.A. Pharmacology

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Phoo Pye Zone, Yangon, Myanmar B.A. (College of Wooster) Environmental Science

Jiarong Zou, Xi'an, China B.S. Statistics

## Master of Social Work

Sena Albash, Columbus B.S.Soc.Work Social Work

Heather Marie Allison, Lima B.A. (Bluffton University) Social Work

Emma Francesca Altomonte, Westerville Bachelor's (Ohio University) Social Work

Yesenia Alvarez Padilla, Reno, NV Bachelor's (University of Nevada) Social Work

Tina Amoako, Canal Winchester B.A. (University of Ghana) Social Work

Jennifer Lynne Anahata, Gahanna B.S.Soc.Work Social Work

Alexis Jillian Andrews, Marysville B.S.Pub.Hlth. Social Work

Edward Joseph Appiah-Boateng, Reynoldsburg B.A. (Kwame Nkrumah University of Science and Technology) Social Work

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Kyla Catherine Beecham, Toledo B.S.Soc.Work Social Work

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Jamie Marie Bills, Coldwater B.S.Soc.Work (Ball State University) Social Work

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Renee Marie Buchele, Columbus B.A. (Otterbein University) Social Work

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Cheryl Elaine Carter, Groveport B.S. (Ohio Dominican University) M.B.A. (Trident University International) Social Work

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Kayla Elaine Francis, Alliance Bachelor's (Youngstown State University) Social Work

Madeline Bonnie Franck, Columbus B.A. Social Work

Jamie Lynn Fricker, Hilliard B.S.Soc.Work (University of Toledo) Social Work

Jennifer Kristin Garbin, Delaware B.S.Soc.Work Social Work

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Melissa Gazali, Petaling Jaya, Malaysia B.S.H.D.F.S. Social Work

Emily Gabrielle Gehring, Louisville B.S.Soc.Work Social Work

Mahsa Ghassab, Delaware B.A. (Ohio Wesleyan University) Social Work

Dalia Hazem Gheith, Dublin B.A. Social Work

Ciara Kristan Gibbs, Lewis Center B.S.Soc.Work Social Work

Jill Grace Gillespie, Granville B.A. (Stanford University) M.A. (Cornell University) Social Work

Anthony Kyle Gonzalez, Hartville B.A. (Kent State University) Social Work

Kacey LaNise Grace, Columbus B.S.Soc.Work Social Work

Elizabeth Joyce Green, Columbus B.S.Soc.Work Social Work

Jullian Grace Griesheimer, Waynesfield B.S. (James A Rhodes State College) B.S., M.S. (University of Cincinnati) Social Work

Margaret Louise Griffin, Cincinnati B.S.Soc.Work Social Work

Devanique D'shay Grubb, Columbus B.S.Soc.Work Social Work

Alison Guitar, Columbus B.S. (Ohio University) Social Work

Nataly Gutierrez, Columbus B.A. Social Work

Crystal Elise Hambrock, Grove City B.S.H.D.F.S Social Work

Becca Danielle Hammond, Columbus B.S.H.D.F.S Social Work

Emily Rebecca Hammond, Newark B.S.Soc.Work Social Work Katelyn Renee Hanneman, Ashville B.S.Soc.Work Social Work

Regan Anne Hanood, Etna Bachelor's (Capital University) Social Work

Rhoda Wyn Hansen, Columbus B.S.Soc.Work Social Work

Jonnelle Harrison, Columbus Bachelor's (University of Cincinnati) Social Work

Elizabeth Anne Hast, Columbus B.S.Soc.Work Social Work

Sarah Chloe Haswell, Tyne and Wear, United Kingdom B.S. (University of Chester) Social Work

Caitlin Roselle Hay, Columbus B.F.A. (Massachusetts College of Art and Design) Social Work

Jessyca Hayes, Columbus B.F.A., B.A. (Valdosta State University) M.C.R.P. Social Work

Gretchen Heideloff, North Ridgeville B.A. (College of Wooster) Social Work

Danyel Lynn Heilman, Kenton B.A. (Ohio Northern University) Social Work

Sarah Hellmann, Liberty Township B.S.Soc.Work (Ball State University) Social Work

Terri Lynn Hemphill, Canal Winchester B.S.Soc.Work (Capital University) Social Work

Tasha Marie Henderson, Columbus B.S.Educ. Social Work

Taylor Jo Hightower, Marion B.S.Soc.Work Social Work

Courtney Leigh Hirsch, Columbus B.A. Social Work

Lauren McKenzie Hitchens, Chillicothe B.S.Soc.Work Social Work

Dwight Leandar Holley, Jr., Columbus B.S.C.R.P. Social Work Ahmed A. Hosni, Westerville B.S. (Texas Tech University) Social Work

Nicholas Edward Hostetter, Lancaster B.S.Soc.Work Social Work

Alex David House, Fremont B.A. Social Work

Troy Alan Hunter, Jr., Zanesville B.A. Social Work

Breonna Ann Ivy, Mount Vernon B.S.Soc.Work (Mount Vernon Nazarene University) Social Work

Amanda Rae Jablonski, Getzville, NY B.S. (Miami University) Social Work

Karen Suzanne James, Worthington B.S.Soc.Work Social Work

Candice Jean Jeffers, Rutland Bachelor's (University of Rio Grande) Social Work

Angela Marie Jeffries-Lamb, Blacklick B.A. (Coastal Carolina University) Social Work

Katie Alexandria Jenkins, Racine Bachelor's (Ohio University) Social Work

Natalie Jenkins, Union B.A. (Wright State University) Social Work

Rebecca Jindra, Elgin, IL Bachelor's (Western Illinois University) Social Work

Emma Adelaide Johnson, Urbana B.S.H.D.F.S Social Work

Tasha Lokelani Kahoalii, Eureka, CA B.A. (Humboldt State University) Social Work

Rachel Kathrine Kapraly, Delaware B.A. (Cedarville University) Social Work

Rebecca Lynne Karl, North Ridgeville Bachelor's (James Madison University) Social Work

Erin Leigh Katalinic, Columbus B.A. (Denison University) Social Work

Caroline Rai Kelley, Westerville B.S. (Miami University) Social Work

Jennifer Kelley, Monroe, MI B.S.Soc.Work (Eastern Michigan University) Social Work

Christopher Joseph Kelly, Columbus B.A. (Dickinson College) Social Work

Samantha Lynn Kendle, Delaware B.A. (University of Kentucky) Social Work

Karleia Kerstetter, Columbus B.S. (Brigham Young University) Social Work

Alexis Kieffer, Clyde B.S.Soc.Work (Bowling Green State University) Social Work

Alyssa Marie Kin, Liberty Township B.S.Soc.Work (University of Cincinnati) Social Work

Barbara Graham Kinney, Bucyrus Bachelor's (Kent State University) Social Work

Bethany Marie Koch, Elida B.S.Soc.Work Social Work

Megan Ann Kochheiser, Dublin B.S.Soc.Work Social Work

Victoria Alexandra Kononenko, Mason B.S.Soc.Work Social Work

Nicole Lynne LaMaye, Circleville B.A. (Ohio Dominican University) Social Work

Rebecca Anne Lamp, Mansfield B.S.Soc.Work Social Work

Kirsten Lynn Lara, Wilmington, NC Bachelor's (Cleveland State University) Social Work

Alexandria Noel Lawson, Columbus Bachelor's (University of Cincinnati) Social Work

Rachel Elizabeth Layne, Lima B.A. (Mount Vernon Nazarene University) Social Work

Ellie Youngmin Lee, Dublin B.S.Hlth.Reh.Sci. Social Work

Leigh Ashley Lehman, Lima B.S.Soc.Work Social Work

Carley Anna Leitch, Mattoon, IL Bachelor's (Illinois State University) Social Work Gabriela A. Leon, Columbus Bachelor's (Universidad del Pacifico) M.S. (Franklin University) Social Work

Paris Dijon Lindsey-Wade, Westerville B.A. (Wright State University) Social Work

Katelynn Elizabeth Lyon, East Lansing, MI B.S.Soc.Work Social Work

Jennifer L. Machmer, Zanesville B.S.Soc.Work Social Work

Moriah Grace Maffin, Rockbridge Bachelor's (Ohio University) Social Work

Kara Jo Mahaffey, Dublin B.S.Soc.Work Social Work

Moriah Beth Mailey, Mount Gilead B.A. Social Work

Rachel Erin Maloney, Kettering B.S.Soc.Work Social Work

Aliza Rocquel Mann, Beavercreek B.A. (Wright State University) Social Work

Diana Maria Marshall, Fairborn Bachelor's (Capital University) Social Work

Christina Marstiller, Circleville B.A. (Ohio Christian University) Social Work

Theresa Angela Martelli, Granville B.S. (Youngstown State University) M.S., Ph.D. (Ohio University) Social Work

Chelsea Breanne Matejko, Marysville B.S. (Kent State University) Social Work

Amber Mathieu, Rancho Cucamonga, CA B.A. (Humboldt State University) Social Work

Aliyah Samantha McConahay, Columbus B.S.Hlth.Reh.Sci. (Ohio University) Social Work

Maury Lynn McCoy, Kettering Bachelor's (Capital University) Social Work

Phadra Zane McCray, Gahanna B.A. (Wright State University) Bachelor's (Capital University) Master's (American Intercontinental University) Social Work Emily Ann McDaniel, Westerville B.S.Soc.Work Social Work

Alexandra Aleese McFarland, Peebles Bachelor's (University of Cincinnati) Social Work

Bradley McHenry, Zanesville Bachelor's (Mount Vernon Nazarene University) Social Work

Samantha Leigh McWhorter, Uniontown B.A. Social Work

Casey Lee Mehl, Columbus B.A. Social Work

Cara Ann Menninger, Quaker City Bachelor's (Ohio University) Social Work

Emily Ann Merickel, Bloomington, IN B.S.Soc.Work Social Work

Kayla Christine Merkel, Elyria Bachelor's (Cleveland State University) Social Work

Taylor Renae Meserve, St. George, UT Bachelor's (Brigham Young University) Social Work

Rozzi Joseph Messina II, Newark B.S.Soc.Work Social Work

Marissa Carly Metzger, Columbus B.S. (Otterbein University) Social Work

Beatrice Nicole Miller, Columbus B.S.Pub.Hlth. (Kent State University) Social Work

Kayla Marie Miller, Delphos B.S.Soc.Work Social Work

Lauren Mills, Lima B.S.Soc.Work (Bowling Green State University) Social Work

Melissa Elaine Moe, Joshua Tree, CA B.A. (Humboldt State University) Social Work

Rachel Elise Moffat, Columbus Bachelor's (Ohio University) Social Work

Zahra Abdulkadir Mohamed, Galloway B.S.Soc.Work Social Work

Jessica Caitlin Moloney, Marion B.S.Soc.Work Social Work Mallory Lynn Moody, Newark B.A. Social Work

Elizabeth T. Moore, Marion B.S.Soc.Work Social Work

Patrick Evan Moore, Columbus B.S.Soc.Work Social Work

Abby Elizabeth Moretti, Columbus B.S.Soc.Work Social Work

Rachel Kathryn Morse, Columbus B.S. (Loyola University Chicago) Social Work

Narusuna, Hohhot, China Bachelor's (Inner Mongolia Normal University) Social Work

David Edward Nation, Columbus B.A. Social Work

Jordan Nelson, Mount Gilead B.A. Social Work

Ashley H. Neville, Cambridge B.S.Soc.Work Social Work

Ryan Scott Newsome, Columbus B.A. Bachelor's (Capital University) Social Work

Meghan Jean-Gayla Ninneman, Columbus B.A. Social Work

Brittany Sue Nolan, Dayton B.A. (Wright State University) Social Work

Kelsy Marie Noskowiak, Newark B.S.Soc.Work Social Work

Christiana Omowumi Olagbenro, Blacklick B.A. (University of Ilorin) Master's (University of Ibadan) Bachelor's (Capital University) Social Work

Taylor Lynn Ollis, Louisville B.A. Social Work

Callie Sue Orme, Columbus B.S. (University of Wisconsin) Social Work

Megan Jane Osborne, Chillicothe B.S. (Pennsylvania State University) Social Work

William Micky Overturf, Jr., Columbus B.S.Soc.Work Social Work

Julia Phelan Peck, Bloomingdale B.S.Soc.Work (Franciscan University of Steubenville) Social Work

Alison Christine Pence-Ward, Granville B.S.Educ. (Otterbein University) Social Work

Jared David Perry, Elizabethtown, IN Bachelor's (Indiana Wesleyan University) Social Work

Ariana Marie Piazza, Brook Park B.S.Soc.Work Social Work

Jennifer Paige Pietsch, Newark B.S.Agr. Social Work

Marisa Kersten Pinto, Canfield B.S. (Franciscan University of Steubenville) Social Work

Sarah Grace Plantenga, Columbus B.S. (Cedarville University) Social Work

Megan Marie Poole, Indianapolis, IN Bachelor's (University of Indianapolis) Social Work

Suzann Elaine Pusser, Sunbury B.S.Bus.Adm. Social Work

Olivia Rose Rains, Batavia Bachelor's (University of Cincinnati) Social Work

Kayla Emiliana Ratcliff, Hilliard B.A. (Ohio Dominican University) Social Work

Susannah Rauch, Canal Winchester Bachelor's (Ohio University) Social Work

Grace Hunter Rea, Hilliard B.S.Soc.Work Social Work

Angela Rhoades, Columbus B.S.Soc.Work Social Work

Sarah Elizabeth Ridgeway, Tipp City B.A. (Shawnee State University) Social Work

Rachel Anne Riggleman, Columbus B.A. (Capital University) Social Work

Cassandra Rigsbee, Tipp City Bachelor's (Capital University) Social Work Lurinda Stephanie Rivera-Graham, Alexandria B.S.Soc.Work Social Work

Cassaddie Annette Roach, Gahanna B.A. (Capital University) Social Work

Kerry Elizabeth Schantz-Held, Columbus B.A. (University of Iowa) Social Work

Mackenzie Corinne Schlepp, New Bremen B.A. (Bluffton University) Social Work

Becca Rae Schlumbohm, Pandora B.S.Soc.Work Social Work

Samantha Jo Schoeppner, Homeworth B.A. Social Work

Hadley Anne Schuermann, Columbus B.A. Social Work

Taylor Scott, Owatonna, MN B.S.Soc.Work (Minnesota State University) Social Work

Taylor Anne Scribner, Maumee B.S.Soc.Work Social Work

Kylie Shaffery, Pickerington B.S.Soc.Work Social Work

Melissa Elise Shepler, Ada B.A. (Bluffton University) Social Work

Jonathan Ryan Sherman, Columbus B.A. (University of Hartford) Social Work

Ashley llene Shipe, Columbus B.S. (Portland State University) Social Work

Hannah Elizabeth Shryock, Sunbury B.S.Soc.Work Social Work

Ava Luella Sky, Columbus B.S. (George Mason University) Social Work

Kelsey Lynn Snyder, Girard B.S. (Clarion University of Pennsylvania) Social Work

Rebecca Somers, Tiffin B.S.Soc.Work Social Work

Alena Marie Southwick, Powell B.S.Soc.Work Social Work Jordan Elise Spiegle, Solon B.A. (University of Dayton) Social Work

Tanadra Lashay Spivey, Newark B.A. (Wilberforce University) Social Work

Amber Lynnae Dawn Spriggs, Grove City B.S.Soc.Work Social Work

Stephanie Michele Starks-Lovelady, Columbus B.S.Soc.Work Social Work

Lindsey Marie Steele, Madison Heights, MI B.S.Soc.Work Social Work

Jessica Noel Steinbrink, Columbus B.S.Soc.Work Social Work

Jerrica Jannine Stephens, Columbus B.S. (Central State University) Social Work

Latisha Charna Sterling, Columbus B.A. (Ohio Dominican University) Social Work

Morgan Paige Stiffler, Piqua B.S.Soc.Work Social Work

Sara Kathryn Stiles, Westerville Bachelor's (University of Cincinnati) Social Work

Shawn Andrew Strausburg, London B.A. (Wright State University) Social Work

Lauren Elizabeth Strawn, Columbus B.F.A. (Columbus College of Art and Design) Social Work

Cindi Rebecca Strawser, Gambier Bachelor's (Mount Vernon Nazarene University) M.B.A. (Salem International University) Social Work

Alysha Jade Stuck, Columbus B.S. (Heidelberg University) Social Work

Katie Lynn Szczesniak, Wyoming, MI Bachelor's (Grand Valley State University) Social Work

Christina Ashley Szuch, Columbus B.A. Social Work

Chelsea Lynn Taber, Hayward, CA B.A. Social Work

Amy Lyn Tate, Columbus B.A. B.S. (Utah State University) Social Work Shaytell Danyee Taylor, Obetz B.S.Soc.Work Social Work

Shauna Lee Tepper, Columbus B.A. Social Work

Ricky Shawn Thomas, Columbus Bachelor's (Capital University) Social Work

Amanda Jo Tickle, Rockford B.A. (University of Toledo) Social Work

Riann Tippett, Napoleon B.S.Soc.Work (Defiance College) Social Work

Caroline Annelise Todd, Oakwood B.S.Soc.Work (Harding University) Social Work

Kayla Tomak, Northfield B.S.Soc.Work Social Work

Sarah Anastasia Turcu, Chagrin Falls B.S.Soc.Work Social Work

Paige Nicole Turner, Centerburg B.S.Soc.Work Social Work

Dyarra Marie Twitty, Galloway B.S.Soc.Work Social Work

Kelley Louise Ulis, Wapkoneta B.S. (Grand Canyon University) Social Work

Olivia Rose Vansky, Hilliard B.S.Soc.Work Social Work

Gabriella Laura Volker, Columbus B.S.Soc.Work Social Work

Allison Vollmer, Pickerington B.S.Soc.Work (Bowling Green State University) Social Work

Edith Vorvornator, Columbus B.S.Soc.Work Social Work

Cassandra Wagstaff, Cambridge B.S.Soc.Work (Mount Vernon Nazarene University) Social Work

Emily E. Waldren, Worthington B.A. (Ohio University) Social Work

Yiyang Wang, Beijing, China B.A. (Fu Jen Catholic University) Social Work

Krystal Lea Wheeler, Pleasant City B.A. (Ohio University) Social Work

Samantha Ann Whitford, Columbus B.S.Soc.Work Social Work

Cassandra Michele Wiand, Grove City B.A. Social Work

Veronica Lee Wilbur, Worthington Bachelor's (Capital University) Social Work

Jessica Lynette Wiles, Bowling Green B.S.Bus.Adm. (Ohio Northern University) Social Work

Ellen Claire Williams, Westerville B.S.Soc.Work Social Work

Amanda Kathryn Willis, Newark B.S.Soc.Work Social Work

Abigail Wills, Columbus B.A. (Calvin College) Social Work

Elizabeth Kathleen Wipper, Hilton Head Island, SC B.A. (University of South Carolina) Social Work

Raevyn Brenae Yarber, Peoria, IL B.A. (Georgia State University) Social Work

Sara Michelle Young, Russia B.A. (Wright State University) Social Work

Lydia Marie Yount, Canal Winchester B.S.Soc.Work (Miami University) Social Work

Tomitha Zimmerman, Sanford, NC Bachelor's (University of North Carolina) Social Work

Marin Kellie Zumwald, Englewood B.S.Soc.Work (Saint Mary's College) Social Work

## Master of Sports Coaching

Obidiah Jessop Atkinson, Forest, Canada B.S. (West Virginia University) Human Sciences

Andrew Daniel Dakich, Indianapolis, IN B.A. (University of Michigan) Human Sciences

Carey Ellen Fagan, Dublin B.A. (Pennsylvania State University) Human Sciences Hannah Kyoko Fulya Holat, Monrovia, CA B.S. (University of California) Human Sciences

Taylor Robert Jackson, Berkeley, IL B.S. (Bradley University) Human Sciences

Paige Michelle McMahan, Columbus B.S. (Colorado State University) *Human Sciences* 

Homero Antonio Pardi Perera, Columbus B.A. (Rider University) *Human Sciences* 

Catherine Grace Shields, Christchurch, New Zealand B.A. Human Sciences

Daniel Thomas, Columbus

B.S.Humn.Ecol. Human Sciences

Javon Allen Walker, Dayton B.S.Educ. *Human Sciences* 

**Rio Watanabe**, Kamagaya, Chiba, Japan B.A., M.S. *Human Sciences* 

## **Specialized Master in Business**

Ferny Gabriela Larissa Angeles Paz, Bellavista, Peru B.S.Bus.Adm. Business Administration: Finance

**Rizvi Bari**, Dhaka, Bangladesh B.S.Bus.Adm. *Business Administration: Finance* 

Craig Benigno, Staten Island, NY B.S. (State University of New York at Binghamton) Business Administration: Finance

Siran Cao, Rochester Hills, MI B.A.

Business Administration: Finance

I-Sheng Chan, Columbus B.Bus.Adm. (National Central University) Business Administration: Finance

Jo Yu Chang, Columbus B.Bus.Adm. (National Chiao Tung University) Business Administration: Finance

Junxuan Chen, Chengdu, China Bachelor's (Nanjing Agricultural University) Business Administration: Finance

Ying Chen, Xi'an, China B.S. (University of Kansas) Business Administration: Finance Zhiyi Chen, Zhanjiang, China Bachelor's (Vancouver Island University) Business Administration: Finance

Chi Fang Chiu, Kaohsiung, Taiwan B.A. (National Sun Yat-sen University) Business Administration: Finance

Chih Chien Chiu, Tainan, Taiwan Bachelor's (National Taipei University) Business Administration: Finance

Benjamin Ciulla, Independence B.S.Bus.Adm. Business Administration: Finance

Neilank Das, Columbus B.A. (Michigan State University) Business Administration: Finance

Jayaprabha Anant Dhavale, Pune, India Bachelor's (University of Mumbai) M.B.A. (University of Pune) Business Administration: Finance

Tianyi Du, Beijing, China B.A. (Saint Olaf College) Business Administration: Finance

**Qianhui Fan**, Burnaby North, Canada B.S. (University of Toronto) *Business Administration: Finance* 

Bitong Han, Columbus B.A. (United International College) Business Administration: Finance

Huayan He, Xuzhou, China B.Bus.Adm. (University of Kentucky) B.S. (China University of Mining & Technology) Business Administration: Finance

Ruiyi He, Dalian, China Bachelor's (Nankai University) Business Administration: Finance

Hongbo Huang, Wenchang, China Bachelor's (Renmin University of China) Business Administration: Finance

Esther Im, Seongnam-si, Gyeonggi-do, South Korea B.A. (Sookmyung Women's University) Business Administration: Finance

Wei Chi Jen, Taipei City, Taiwan B.Bus.Adm. (National Central University) Business Administration: Finance

Jarrett Jordan, Columbus B.S.Bus.Adm. (University of Tennessee) Business Administration: Finance

Connor LaBarge, Wexford, PA B.S.Bus.Adm. (Slippery Rock University) Business Administration: Finance

Zhiyu Liang, Nanning, China B.A. (Shanghai Institute of Foreign Trade) Business Administration: Finance Zuoshu Liao, Xinyu, China B.S. (University of Alabama) Business Administration: Finance

Xuefei Lin, Guangzhou, China Bachelor's (Jinan University) Business Administration: Finance

Jou Yen Lo, Taoyuan, Taiwan B.Bus.Adm. (National Taiwan University) Business Administration: Finance

Gaoqi Lou, Qingdao, China B.A. (Washington State University) Bachelor's (Shenzhen University) Business Administration: Finance

Lijuan Lyu, Columbus B.S. (Shandong University of Finance and Economics) M.S. (Clark University) Business Administration: Finance

Xuechen Mao, Shenzhen, China B.S.Bus.Adm. Business Administration: Finance

Sowmya Mikkilineni, Columbus B.S. (Shiv Nadar University) Business Administration: Finance

Qasim Naeem, Lahore, Pakistan Business Administration: Finance

Anthony L. Negrini, Maumee Bachelor's (Ohio University) Business Administration: Finance

Huyen Trang Thi Nguyen, Ha Noi, Vietnam B.A. (Kookmin University) Business Administration: Finance

Juan Esteban Perez Londono, Columbus Bachelor's (Universidad de Los Andes) Business Administration: Finance

Ryan Sandles, Novi, MI B.S. (Miami University) Business Administration: Finance

Stanislav Sudilovsky, Haifa, Israel B.S. Business Administration: Finance

**Zhe Tan**, Guang'an, China B.S. (United International College) *Business Administration: Finance* 

Trevor John Thompson, Medina B.S.Bus.Adm. Business Administration: Finance

Joshua Truscinski, Toledo Bachelor's (University of Toledo) Business Administration: Finance

Yip Kan Tse, Seven Hills B.S.Bus.Adm. Business Administration: Finance Takawira Tatenda Ushendibaba, Harare, Zimbabwe B.S. (Fairmont State University) Business Administration: Finance

Yexin Wan, Guangzhou, China B.S.Bus.Adm. Business Administration: Finance

Zimo Wang, Columbus B.A. (East China University of Political Science and Law) Business Administration: Finance

Nikolas Hunter Wolford, Van Wert B.S. Business Administration: Finance

**Yixin Xu**, Shanghai, China B.S.Bus.Adm.

Business Administration: Finance

Jingjun Yao, Nantong, China B.S. (East China University of Science and Technology) Business Administration: Finance

Aoshu Zhang, Shanghai, China B.A. (University of International Relations) Business Administration: Finance

Yifan Zhang, Shanghai, China Bachelor's (Tongji University) Business Administration: Finance

Yihan Zhang, Columbus Bachelor's (Shanghai Jiao Tong University) Business Administration: Finance

Yumeng Zhang, Columbus B.S. (Ocean University of China, Qingdao) B.S. (University of Alabama) Business Administration: Finance

Sihao Zhao, Shanghai, China B.S.Bus.Adm. Business Administration: Finance

Chenyu Zhou, Dalian, China B.Bus.Adm. (University of Oklahoma-Norman) Business Administration: Finance

Pei Zhou, Shanghai, China Bachelor's (Shanghai Institute of Foreign Trade) Business Administration: Finance

Xinyu Zhu, Tianjin, China Bachelor's (University of Toronto) Business Administration: Finance

Zhenghang Zhu, Zhenjiang, China B.Engr. (Wuhan University) Business Administration: Finance

Lin Zuo, Mianyang, China B.Bus.Adm. (Kent State University) Business Administration: Finance

# This program is not an official graduation list.

This printed program lists students who were eligible to graduate for Spring Semester 2019, as of 5:00 p.m., April 22, 2019, pending the outcome of final examinations and final grades. Therefore, it should not be used to determine a student's academic or degree status. The University's official registry for conferral of degrees is the student's permanent academic record, kept by the Office of the University Registrar, Student Academic Services Building, 281 West Lane Avenue, Columbus, OH 43210-1132.

# College of Arts and Sciences

Interim Executive Dean: Janet M. Box-Steffensmeier

Peter L. Hahn, Divisional Dean Arts and Humanities

Luis G. Casian, Divisional Dean Natural and Mathematical Sciences

Morton E. O'Kelly, Divisional Dean Social and Behavioral Sciences

#### **Bachelor of Arts**

Abdulla O Abdi Gabanna Zane Christopher Abraham, Granville Cum Laude Isis Abreu, Cleveland Kaitlin Breanna Acton, Somerset, KY Maana Cum Laude Bryce Johnathan Adkins, Westerville Khaled Sami Affaneh, Dayton Casey Alexandra Aguinaga, Brunswick Cum Laude Andrew Patrick Ahlers, Cincinnati Cum Laude Samar Ahmad, North Canton Asha Osman Ahmed, Dublin Kyla Marie Aho, Canal Winchester Emily Marie Akins, Naperville, IL Magna Cum Laude Bernadette Talata Akpeko, Lomé, Togo Saima Akter, Columbus Sai Priya Alapati, Gahanna Makayla Kimberly Alexander, Crooksville Leigh Ellyn Alkis, North Potomac, MD Maana Cum Laude Kimberly Allan, West Chester Bianca Irene Allen, Lima Brian Allen, Cincinnati Nicholas Terry Allen, Centerville Jarred Morgan Alloway, Marysville Suzan Aylin Altintas, Youngstown Anna Elizabeth Altman, Fredericktown Magna Cum Laude Kelvin Amaning, Accra, Ghana Shivani Sandip Amin, Pataskala Kali Karen A. Amoah, Gaithersburg, MD Cum Laude with Honors in the Arts and Sciences

Alyssa Ann Amorison, Huntington, NY

Isaac Jahziel Anava, Cleveland Madeline Elisabeth Anderson, Fort Thomas, KY Summa Cum Laude Caitlin Ann Andrews, Newark Madison Andrews, Laurel, MD Magna Cum Laud Alexis Annunziata, Livingston, NJ Summa Cum Laude with Research Distinction in English Francess Chinaemere Anozie, Lagos, Nigeria Faraz Kashif Ansari, Solon Magna Cum Laude with Honors in the Arts and Sciences Taylor Adam Anspach, Ada Djames Nelson Shabazz Applewhite, Columbus Nyat Ayoub Araya, Hilliard Cassandra Kay Arendec, North Olmsted Dylan Louis Armstrong, Mentor Kacie Eleanor Arrell, Germantown, MD Yurika Asano, Yokohama, Japan Cum Laude Duan Osamuyimen Asemota, Ajax, Canada Suzanne Atkinson, Cleveland Alexandra Michelle Aughenbaugh, Westerville Yajaira Ayala, Upper Sandusky MacKenzie Rae Babics, Canton Cum Laude Michael Brian Bach, Wadsworth Maana Cum Laude Cora Elizabeth Bachelder, Wauseon Summa Cum Laude Noah William Badenhop, Napoleon Maana Cum Laud Songhyun Baek, South Korea Tyler Joseph Bagley, Van Wert Cum Laude Isatu Bah, Columbus Colin Stuart Bailey, Powell Kylen Hunter Bailey, Strongsville Marvam Amir Bainazar, Columbus Cum Laude Laura Marie Baird, Springfield Maana Cum Laude Gabrielle Marie Bakewell, Pittsburgh, PA Cum Laude Allison Michelle Baldwin, Cleveland Maana Cum Laud Andrew Douglas Balsiger, Marysville Andrew Baptist, Troy . Cum Laude Samantha Helen Barbarek, Plainfield, IL Noah Christopher Barker, Baltimore Caeli Barnes, Holland Caleb Eugene Barnett, Greenwich Erin Sue Barnhouse, Steubenville Cum Laude Tessa Elizabeth Barrett, Bellefontaine Alexandra Greystoke Barron, Canton Devin Bartlett, Huber Heights Richard Glenn Barton II Washington Courthouse Cum Laude with Honors in the Arts and Sciences Elizabeth Baskin, Bexley Cum Laude Julia Marie Bass, Dallas, TX Timothy Jerald Bassett II, Columbus George Robert Bauer, Ada Summa Cum Laude with Research Distinction in Biology Erica Nicole Bauman, Columbus Laurel Baumler Canton Katherine Lynn Beachler, Westerville

Summa Cum Laude Joshua Quinn Becks, Bellevue Emily Rae Beckwith, Ashtabula Cum Laude Austin Christopher Beigel, Reynoldsburg Jeremy Lee Bell, Cleveland Cum Laud Leonna Marie Bell, Sharon, PA with Research Distinction in Criminoloav and Criminal Justice Studies Patience Christina Bell, Wooster Seth Alexander Bell, Dayton Nicholas Lee Bellopatrick, Aurora, CO Maana Cum Laude Francisco Beltran Del Rio, Jr., Monterrey, Mexico Jamie Benjamin, Chardon Maana Cum Laude Steven Brandean Benjamin, Columbus Chandler Ann Bensman Anna Cum Laude Christopher Jefferson Berg, Hinsdale, IL . Magna Cum Laude Haley Bergman, Westerville Jack Edward Bernetich, Shaker Heights James Conlon Berry, Upper Arlington Jacob Bertok, Brunswick Samantha Marie Beu, Tipp City Nishantika Bhattacharya, Worthington Nykira Jordana Bickham, New Orleans, LA Noah Bidna, Agoura Hills, CA Maana Cum Laude Cole Edward Biedenharn, Hilliard Anastasiia Bielozub, Columbus Cum Laude Danny Singh Binepal, West Chester Natasha Elizabeth Birze, Chagrin Falls Aireeal Naija Blackmon, Detroit, MI Cameron Payne Blair, Canal Winchester Sophie Cecelia Blair, Laguna Niguel, CA Collin Thomas Blevins, Dublin Olivia Suzanne Bley, Cincinnati Cum Laud Kristin Block, Grayslake, IL Brandon John Bloom, Melville, NY Michael Kent Blosser, Bluffton Cum Laude Nathan Carl Blum, Westerville Genevieve Erin Bois, Louisville, KY Summa Cum Laude Matthew Joseph Boling, Cleveland Magna Cum Laude Duncan Joseph Bonacuse, Westerville Luis Miguel Lagman Borromeo, Hilliard Mava Elise Bose, Naperville, IL Andrew Richard Bosley, Wellington Cum Laude Gabrielle Marie Bouchard, Columbus Summa Cum Laude with Honors in the Arts and Sciences Isabel Lynn Bourguin, Strongsville David Bouzaglou, Hewlett, NY Brooke Olivia Bowerman, Macedonia Summa Cum Laude Alexander Nicholas Bowers, Lancaster Kelsey Rea Bradley, Columbus Lauren Elisabeth Bradley, Heath Drelan Malique Victor Bramwell, Toronto, Canada Alexandria Louisa Branco, Hinkley Cum Laude Madison Jo Brandfass, Marysville

Mckinis Joe Beam, Wilmington

Sara Marie Brezinski, Scranton, PA Bryan Gerard Bristoll, Merrick, NY Chase Jeffrey Brlan, North Robinson Carly Hannah Brodax, Beachwood Leah Marie Brookins, Valley City Ashley Marie Brown, Adamsville Chelsey Ann Brown, Delaware Haylie Marie Brown, Monroe McKenzie Grace Brown, Jamestown Precious Ayesha Brown, Dayton Sydney Anne Brown, Pittsburgh, PA Summa Cum Laude Jason Andrew Brunswick, Maria Stein Summa Cum Laude Michael Charles Buchsieb, Gahanna Michael William Buckheit, Rockville Centre, NY Samuel Lucas Buehler, Columbus Joshua William Buergel, Hilliard Cum Laude Matthew Bult, Cincinnati Summa Cum Laude with Research Distinction in International Studies Logan Matthew Bunde, Perrysburg Magna Cum Laude with Honors in the Arts and Sciences Kilynd Rose Burchett, Canal Winchester Stephen Christopher Burgin, Sunbury Sean Robert Burks, Edmond, OK Timothy Ryan Burnham, Granville Lindsey Taylor Burrowes, Dayton Cum Laude Zachery O'Brien Burton, Springdale, AR Julia Noelle Butkovic, Solon Alexis Victoria Butterworth, Findlay Summa Cum Laude Angie Elizabeth Byler, Middlefield , Magna Cum Lauc Nathaniel Byrne, Cloverdale Magna Cum Laude with Research Distinction in History Elizabeth Shirley Califf, Lawrenceburg, IN Maana Cum Laud Maximilian Arthur Caliguire-Maier, Cleveland Cum Laude Don Richmon Nevado Caluya, Port Huron, MI Megan Elizabeth Camden, Downingtown, PA Kaitlin Marie Campbell, Sullivan Sarah Kay Capelle, Upper Sandusky Maana Cum Laude Quinn Edward Caputo, Baltimore, MD Abigale Lee Carey, Akron Cum Laude Christen Elizabeth Carey, Granville Alexa Brin Carlson, Toledo Summa Cum Laude Stephen Gregory Carlsten, Centerville . Magna Cum Laude with Research Distinction in English Phoebe Cullen Carmichael, Cheshire, CT Maana Cum Laude Maria A. Carroll, Alliance Tara Nicole Carroll Urbana Brian Nicholas Cartwright, Upper Arlington Michaela Marie Casciano, Stony Brook, NY Aubri Danielle Casey, Waverly Julia Marolyn Cash, Waynesville Magna Cum Laude 47

Isabel Sage Brandl, Hewlett, NY

Matt Rvan Bratovich, Houston, TX

Jordan Grace Brauchler, Mansfield

Scott David Braunwarth, Cridersville

Maana Cum Laude

Summa Cum Laude

Cum Laude

Maana Cum Laude

Erin Chelsea Cassidy, El Segundo, CA Nora Castaneda, McKinney, TX Brittany Nicole Catallo, Dayton Maana Cum Laude Taylor Amanda Cathcart, St. Charles, MO Theresa Fleure Cavellier, Cincinnati Cum Laude Chelsea Chang, Staten Island, NY Cum Laud Ruiyang Chang, Beijing, China Cum Laude Jason Michael Chapman, Alliance Caleb Matthew Cheadle, Parkersburg, WV Cynthia Shiyi-Mei Chen, Dublin Shuming Chen, Hangzhou, China Maana Cum Laude Yin Chen, Jiangsu Province, China Cassandra Rose Chenoweth, Columbus Cum Laude Phillip G. Chin. Dublin Amanda Marie Chirico, Lewis Center Paul Sung-Chul Choe, Columbus Maana Cum Laude with Honors in the Arts and Sciences Kadin W. Chrastina, Butler Cum Laude Ronda Hobson Christie, Fishers, IN Maana Cum Laude David Edward Chrostowski, Lebanon Mary Diane Chudy, Lakewood Summa Cum Laude Keenan Jermaine Churchman, Oxford Jacklyn Justine Cifani, Bainbridge Ashley Nicole Clark, Mason Cum Laude with Research Distinction in Comparative Studies Brian Clark, Barnesville George Vladimir Clark, Sebring Katherine Rose Clark, Columbus Summa Cum Laude Megan Elisabeth Clark, Marysville Morgan Leigh Clark, Groveport Adeline Faith Clay, Mansfield Summa Cum Laude with Research Distinction in English William Travis Clayton, Cleveland Patrick James Cleary, Downers Grove, IL Summa Cum Laude with Research Distinction in Geography Shannan Clemans, Xenia Michael Robert Cline, Columbus Grant Clunk, Columbus Olivia Grace Clunk, Sylvania Clayton Robert Coady, Aurora Maya Rose Coale, Columbus Maana Cum Laude Coty Dalton Cobb, Middletown Hailey Starr Cobryn, Grove City Ashley Marie Cochran, Reynoldsburg Magna Cum Laude Bo Solomon Cochran, Napoleon John Deighan Cody, Buffalo, NY Juliana Paige Cohen, Syosset, NY Cum Laua Casey Ann Cole, Nuangola, PA Jonathan Newton Cole, Dayton Lindsey Elizabeth Cole, Wharton Magna Cum Laude Emily Rose Coleman, Marietta Cum Laude Jared Daniel Coleman, Tiffin Magna Cum Laude

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Cassondra Leigh Coll, Newburgh, IN Cum Laude Bridgette Nicole Collins, Pickerington Cum Laude Dana Elizabeth Collins, Westfield, MA Magna Cum Laude Zacary Allan Colopy, Lancaster ma Cum Lauc Catherine Nancy Colton, Mason Maana Cum Laud Sierra Janice Comer, Gahanna John Andrew Coming, Chagrin Falls Summa Cum Laude Joseph Olin Compton, Dover . Maana Cum Laude Esther Concepcion, Cleveland Cum Laude Tyler Michael Connell, Amityville, NY Austin Cole Conrad, Columbus Sarah Nicole Conrad, Beavercreek Magna Cum Laude Jacey James Conti, Parma Madeline Augusta Conway, Columbus Emily Elizabeth Conzett, Proctorville Kathleen Lowry Cook, Cincinnati Clare Liuwang Coons, Dayton Summa Cum Laude Kamala Cooper, Montego Bay, Jamaica Cum Laude John Edward Corbett, Granville Alexander Hughes Core, Reynoldsburg Steven Michael Cornett, Sagamore Hills Michaela Filia Corning-Myers, Mishawaka, IN Magna Cum Laude with Research Distinction in English Jacob Alan Courtright, Upper Sandusky Kacey Savannah Cousineau, Akron Kirsten Mercedes Cox, South Point James David Coyle, Toledo Magna Cum Laud Natalie Cozens, Sacramento, CA Magna Cum Laude Stephen Keith Crabtree, Columbus William Alexander Craft, Kettering Caroline Rebecca Creed, Shaker Heights Cum Laude with Honors in the Arts and Sciences William Aidan Crenshaw, Richmond, VA Jennifer Creutzinger, Cincinnati London Mccae Crist, Dola Sara Elizabeth Crist, Buckeye Lake Thalia Lyonesse Cronin IV, South Salem, NY Magna Cum Laude Mary Beth Crouser, Painesville Elizabeth Crowner, Fredericktown Cum Laude Kayla Renae Croyle, Marion Josie Lee Cruea, Washington Court House Magna Cum Laude with Research Distinction in History Jackson Vincent Crynick, Strongsville Katharina Elisabeth Cukelj, Strongsville Mara Renee Cull, Minster Jacqueline Marie Cunningham, Little Hocking . Magna Cum Laude Chanté Yvette Curry, Columbus Harry Hilton Cutcher V, Manchester, MD Richard Dean Cutlip, Copley Cum Laude with Honors in the Arts and Sciences Bernard D'Ambrosi III, Hilliard Summa Cum Laude

with Honors in the Arts and Sciences Breanna Elizabeth Dahlinghaus, Minster Charly Dahlquist, Eden Prairie, MN

Olivia June Dailey, Birmingham, AL Natalie Marina Dalea, Hudson Summa Cum Laude with Research Distinction in English Genevieve Marie Danial, Lake Zurich, IL Magna Cum Laude Emma Abigail Dann, Homer Anna Christine Darden, Owings, MD Benjamin George David, Martin Dominic Alan Davie, Greenwich Daryian Michael Davies, Powell Delshawn Davis, Dayton Diontre Jamar Davis, Cincinnati Grace A. Davis, Westerville Malcolm Kerwin Davis, Washington, DC Noah Donald Davis, LaGrange, IL Soncerrae Johonna Davis, Circleville Cum Laude Stephanie Davis, Blacklick Alec Matthew Davison, Chesterfield, MO Maana Cum Laude Austin James Davison, Minerva Clara Jean Davison, Shawnee, KS with Honors in the Arts Colin James Dawson, Delaware Grace Ann Day-Strosnider, Cleveland Brandon James Deaner, Willard Cum Laude Laura Nicole DeAngelis, Warren, NJ Maana Cum Laude Rvan Philippe Deaver, Cincinnati Zane Decker, New Philadelphia Amanda Marie Deighen, Kent Casey John Delaney, Perrysburg Natalie Nicole DeLeon, New Fairfield, CT Samuel Scott DelliGatti, Gahanna Cum Laude Lydia Josephine DeLord, Cincinnati Danielle Marie Demmerle, Loveland Parker Alan Dennis, Cincinnati Danielle Ashly Derrick, Dayton Alyssa Paige DeShields, Pittsburgh, PA Cum Laude Zachary Michael DeSola, Bowling Green Kailyn Despotakis, Loveland Cum Laude Jonah Charles Desrochers, Kennebunk, ME Cum Laude Karlee Alexen Detwiler, Van Wert Cum Laude Graham Patrick Devine, Columbus Morgan Leigh DeWitt, Marysville Cum Laude Bryan Mackenzie Dickerson, Canton Amy Dieye, Louisville, KY John Robert Dijulius IV, Aurora Isabella Ione DiSabato, Dublin Summa Cum Laude Arthur Yonahun Do. Columbus Mary Elizabeth Dolley-Kinsey, Oak Harbor with Research Distinction in Eng Amanda Hope Dominique, Milford Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Religious Studies Brian Patrick Donegan, Frederick, MD Li Dong, Wuhan, China Cum Laude with Research Distinction in History Alexandra Elizabeth Doran, North Wales, PA Magna Cum Laude Abigail Kristen Dorey, Orland Park, IL

Magna Cum Laude with Honors in the Arts and Sciences Rain Merie Doskocil, Cleveland Airielle Jade Dotson Columbus Jordan Matthias Dotson, Middletown Cum Laude Mingming Dou, Shanghai, China Dana Lee Douglas, Chardon Michael Richard Dover, Jr., Lexington Zachary Charles Dowley, Delaware Taylor Renee Downard, South Vienna Samantha Lucy Doyle, Cleveland Cum Laude Dakota Drown, Colorado Springs, CO Zhibai Du, Qingdao, China Bradley Galen Duke, Pearl River, LA De'Aydra Terra Duke, Cleveland Christopher M. Dulaney, Atlanta, GA Jeffrey Michael Dunkle, Pataskala Hannah Elizabeth Dunlap, Warren Cum Laude Susan Elizabeth Dunlea, West Chester Magna Cum Laude Austin Graham Dunn, Rochester, IL Cum Laude with Honors in the Arts and Sciences Lauren M. Dunn, Utica Jincy Dunne, O'Fallon, MO Duke Tanner Durant, Pataskala Cum Laude Crystal Sue Durflinger, Sandusky Kirsten Nicole Duris, Toledo Cum Laude David Erik Dutson, Alliance Mackenzie Marie Dyll, Lewis Center Kevin John Dziewisz, Fairlawn Jennifer Christine Eagle, Lebanon Gregory James Eastwood, Queens Village, NY Jenna Lee Ebersbacher, Chesterland Cum Laude Ashley Cassondra Eberst, Hilliard Katie Lynn Eckelberry, Hilliard Summa Cum Laude with Honors in the Arts and Sciences Nicole Katherine Edgerton, Wooster Summa Cum Laude Sofia Christine Edgerton, Columbus Taylor Lynn Edington, Pleasant Hill Magna Cum Laude Barton Schulyer Garratt Edsall IV, Columbus Maana Cum Laude Halle Marie Edwards, Chagrin Falls Summa Cum Laude Michael Eggiman, Youngstown Summa Cum Laud Sarah Elizabeth Eifert, Dayton Magna Cum Laude Aubrev Anne Elder, Pleasantville Connor Samson Eldredge, Wyoming Summa Cum Laude with Honors in the Arts and Sciences Peter James Elliott, Columbus Brady Christopher Ellis, Sardis Sarah Elizabeth Ellison, Columbus Benjamin Thomas Elsbrock, Cincinnati Maana Cum Laude Miranda Renee Emerson, Westerville Victoria Marie Emerson, Dublin Emily Faith Smith Engel, Worthington Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Comparative Studies Timothy Daniel Erdmann, Bellmore, NY

Nathan Alexander Frickson Cortland Emily Anne Eschliman, Gahanna Noah Davis Essig, Kansas City, MO Shane Michael Ettore, Columbus Cum Laude Abigail Grace Eubank, Columbus Mark Andrew Evangelisti, Urbana Abigail Evans, Hilliard Andee Ohmer Everman, Dayton Sarah Jeanne Ewing, Hopkinton, NH Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Linguistics Adam Timothy Eyerman, Strongsville Cum Laude Kelly Anne Eyers, Mequon, WI Andrew Fahmy, Worthington Laura Elizabeth Falb, Hilliard Magna Cum Laude Megan Elizabeth Falknor, Troy Maana Cum Laude Asha Farah, Columbus Molly Elisabeth Farash, Columbus Zoe Rose Farkas, Cleveland Magna Cum Laude Alexandra Elizabeth Farlow, Lancaster Lucy Joan Farr, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Kathryn Irene Farrar, Perrysburg Maana Cum Laude with Honors in the Arts and Sciences Ryan Daniel Farrell, Annapolis, MD Dominique Antoinette Favre, Canfield Lauren Elizabeth Fechtel, Strongsville Kyle Fein, Boyds, MD Luke Jackson Fellure, Mansfield Cum Laude Nianchao Feng, Beijing, China Sarah Grace Annalee Fenno, Cincinnati Ian James Ferguson, Circleville Barry Andrew Fernholz, Wadsworth James Norman Fesko, Lakewood Maana Cum Laude David Bradley Fillman, York, NE Summa Cum Laude Charles David Fineran, Zanesville Carly June Fink, Lewisburg Mark Vadim Finkelstein, Solon Cum Laude with Honors in the Arts and Sciences Shannon Finnearty, Athens Summa Cum Laude Hannah Ta Fisher, Dunkirk Morgan Michelle Fisher, Wapakoneta Alexis Nikole Fithen, Mingo Junction Anastasia Pearl Fitzsimmons, Akron Daniel Corey Flaherty, Columbus Abigail Rose Flamm, Trov Magna Cum Laude Drew Huntsman Flanagan, State College, PA Summa Cum Laude with Honors in the Arts and Sciences Kari Adriana Fletcher, Fairfield Magna Cum Laude Jack Michael Flora, Gahanna Sydney Flora, Fayetteville Evelisse Monique Flores-Baez, Lorain John Timothy Flynn, Cleveland Lindsey Therese Foell, Mayfield Heights Samuel Joseph Fojas, Columbus William Joseph Fong, Sacramento, CA Cum Laude Jadzia Yang Ling Fonseca-Folden, Westerville Yit Loong Foo, Kuala Lumpar, Malaysia

Jacob Edward Fornof, Reynoldsburg Bruce Millar Forrester III, Iowa City, IA Cum Laude Rosemary Elizabeth Fox, Springboro Maana Cum Laude Alex Michael Francis, Columbus Camille Megan Francis, Columbus Caroline Louise Franco, Dublin Madeline Marie Frantz, North Royalton Magna Cum Laude with Honors in the Arts and Sciences Mark Frantz, Dublin with Research Distinction in English Peter Gregory Fremin, Carrollton, KY Summa Cum Laude Georgia Michelle Frericks, Upper Arlington Michael Raymond Freshwater, Wintersville Maana Cum Laude Cole Alexander Friedfertig, Livingston, NJ Julia Anne Friedman, Beachwood Olivia Bonne Friend, Marysville Kyland Rebecca Frooman, Cincinnati Cum Laude Edith Concepcion Fuentes, Westerville Cum Laude Sara Fuetter, Canton Ciara Jean Fulton, Sandusky Magna Cum Laude with Research Distinction in English Christopher Funk, Mentor David Wilson Furry, Cleveland Kristen Michelle Gaber, Dublin Timothy James Galat, Jr., Mansfield Cum Laude Cailyn Anne Gallagher, Pittsburgh, PA Hailey Marie Gallagher, Chicago, IL Magna Cum Laude Kara Renee Galvan, Mount Cory Dasia Deondria Gandy, Columbus Hannah Gantt, Houston, TX Chubing Gao, Xi'an, China Summa Cum Laude Noah Robert Garber, Westerville Maria Garganourakis, Westchester, NY Brittany Nycole-Marie Garren, Gahanna Sarah Elizabeth Gaskeen, Westerville Halle Elizabeth Gates, Twinsburg Cum Laude Taryn Alexis Gathright, Bucyrus Amanda Gazali, Selangor, Malaysia Maana Cum Laude Nicholas Joseph Gentile, Westerville Cum Laude Michaela Ann George, Barnesville Olivia Kay Georgiady, Ontario Kaitlin Elizabeth Gephart, Woodville Freddy Folsom Gerard, Rocky River Leia Paige Gertz, Akron Jeanine Gardane Gezelle, West Friendship, MD Magna Cum Laude Grayson James Giaconia, Wadsworth Olivia Lynn Gibson, Eldorado Summa Cum Laude Eric Giffey, Columbus Lindsav Marie Gillikin, Clover, SC with Research Distinction in Psychology Andrea Giosta, Varna, IL Magna Cum Laude

David Scott Girgis, Worthington Taylor Korin Gleason, Mount Vernon

Jennifer Nicole Glenn, Springboro Claire Virginia Goecke, Sylvania Summa Cum Laude with Honors in the Arts and Sciences Daniel Benjamin Goldenberg, Shaker Heights Summa Cum Laude Sierra Rose Goldfarb, Loveland Allison Elizabeth Goldman, Dayton Summa Cum Laude with Research Distinction in Spanish Isaac Gomez Huerta, Monterrey, Mexico Victoria Gonzales, Dennison Christian Gonzalez, North Bergen, NJ Kylie Josefina Gonzalez, Maumee Jonathan Ronald Gonzalez-Engle, Huntington, NY Samuel Lee Good, Cleves Vavda Savannah Good, Lancaster, PA Alexandra Lee Goss, Cincinnati Maana Cum Laude Lindsay Nichole Gottlieb, Hamilton Brooke Morgan Gould, Yorkville Nigeria Suraya Gould, Cleveland Makenna Grace, Columbus Zachary John Grader, Loveland Lauren Hannah Grama, Merrick, NY Kiera Michele Gran, Columbus Maana Cum Laude Ryan Grant, Vandalia Alison McKenzie Graver, Columbus Summa Cum Laude Genevieve Nathalie Gray, Ashland Christopher William Greathouse, Newton Falls Isabelle Catherine Greenblatt, Downers Grove, IL Cum Laude Aaron Grieshop, Hilliard William Droste Grimmer, Cincinnati Alan George Grinberg, New Albany Summa Cum Laude Nathan Alexander Grine, Liberty Center Maana Cum Laude Samantha Renae Groom, Columbus Amanda Jill Grossman, Syosset, NY Alyson Leah Grubbs, Lima Alexandra Janae Grubich, Gahanna Jared Robert Grumney, Centerburg Cum Laude Catherine Ann Grundy, Ashland Cum Laude Sara Gryboski, Louisville, KY Eli Christian Guidry, Perry, GA Cum Laude with Honors in the Arts and Sciences Patrick Liam Gulling, Avon Lake Cum Laude Jordan Gunning, Solon Summa Cum Laude Andrea Nicole Gutmann Fuentes, Cincinnati Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Comparative Studies Glori-June Nicole Gyorfi, Lorain William Ha, Seoul, South Korea Emily Ann Haar, West Chester Wagar Habib, Jenera . Maana Cum Laude Riwa Hafez, Dublin Anastasia Marie Haga, Zanesville Joseph Thomas Hahn, Dublin Noah Wilson Haines, Plain City Cum Laude

Shaelyn Nikole Hairston, Hilliard

Julia Haiss Solon Natalie Elizabeth Hale, Metuchen, NJ Maana Cum Laude Bobbee Blair Hall, Groveport Lisa Marie Hamant, Cincinnati Colton Jacob Hamilton Findlay Fei Han, Beijing, China Cheyenne Jeslyn Handy, Lima Bradley Michael Harbert, Cleveland Morgan Elizabeth Harcha, Portsmouth Olivia Rae Hare, Mason Mark Lee Harper, Jr., Canal Winchester Magna Cum Laude Rachel Lynn Harriman, Cleveland Ashlev Brooke Harris, Avon Maana Cum Laude Samantha Harris, Brunswick . Magna Cum Laude Alysia L. Harrison, Huron Sophia Kay Harrison, Pewee Valley, KY . Maana Cum Laude Matthew Steven Hart, Cleveland Heights Umulkheyr Keyse Hassan, Columbus Erika Sinclair Hastings, Powell Cum Laude Miranda Faye Hatcher, Marysville Maana Cum Laude Christopher Thomas George Hauer, Kirtland . Maana Cum Laude Keria Haugabrook, Cincinnati Kaitlin Barbara Hawk, Lima Keilah Dupresia Hawk, Shelby, NC Stephen Charles Hayden, Bowling Green . Magna Cum Laude Allyson Jordan Hazen, Powell Kanjing He, Nanjing, China Summa Cum Laude Leya He, Nanchang, China Shaoming He, Foshan, China Amanda Marie Heath, Louisville, KY Magna Cum Laude Abigail Lynn Hecht, Centerville Summa Cum Laude Jordan Nicole Hegedus, Cleveland Matthew Frederick Heichemer, Vestal, NY Cum Laude Chad Heisey, Pataskala Raegan Rachelle Heitzenrater, New Albany William Joseph Hejduk, Columbus Sean Richard Helenthal, Columbus Delanev Rae Heller, Upper Arlington Conner Henry, Akron Halle Irish Henry, Long Beach, NY Cum Laude Madison Lee Henry, Dayton Samuel Shawn Henry-Burdette, Parma Jedrzej Herczak, Randolph, NJ Amanda Nicole Herman, Solon Juan Felipe Hernandez, Bogota, Colombia Samantha Hailey Hernandez, Corona, CA Maryssa Marie Herschler, Lima Emily Anne Hess, Solon Alexa Dawn Hewitt, Miamisburg Cum Laude Cynthia Marie Hicks, Warren Jonathan Thomas Hicks, Williamstown, WV Tvler William Hicks, Columbus Maana Cum Laude Leah Taylor Hiestand, Hurricane, WV Magna Cum Laude Tyler Hiroto Higgins, Carey Tyler David Hills, Findlay 49 Spencer Robert Hina, Sidney Cum Laude Tyler Scott Hines, Columbus Jocelyn Rose Hinners, Mason Cameron Grayson Hinton, Ravenna Sabrin Ziyad Hirbawi, Westlake Ka Yiu Kelly Ho, Hong Kong, China Maana Cum Laude Roger Ho, New Albany Nicholas Olin Hoag, Corning, CA Cum Laude Ryley Robert Hoffman, Sacramento, CA Zachary Daniel Hoffman, Gahanna Macklin Thomas Hogan, Rocky River Cum Laude Sarah Jillian Holbert, Round Lake Beach, IL Cum Laude with Research Distinction Mycheala Holley, Akron Kaitlyn Marie Holmecki, Cumming, GA Cum Laude Kennedy Sterling Holtman, Hilliard Sean Benjamin Holtzman, Miamisburg John Anthony Cole Honaker, Plain City John Elliot Hooton, Cincinnati Alyssa Hopkins, Wadsworth . Cum Laude Kayla Dolores Hopkins, Westerville Nicole Elisabeth Hopwood, Upper Arlington Kenneth John Horsley II, Peebles Benjamin Charles Horwath, Centerville Zhenpeng Hou, Zhenjiang City, China Cameron Lee Householder, Delaware Theresa Michele Howell, Westerville James Patrick Howie, Massillon Noel Christina Hrzic, Columbia Station Joling Hsiang, Piqua Summa Cum Laude with Honors in the Arts and Sciences Jinming Hu, Qingdao, China Lijuan Hu, Wuhan, Hubei, China Yu Wen Huang, Taiwan Keith Douglas Hubbard II, Cleveland Brenna Nichole Hubschman, Dublin Summa Cum Laude Daniel Amid Hummer, Upper Arlington Allison Ruth Hunger, Rocky River Kaitlyn Michelle Hurd, Cincinnati Cum Laude Sean Conor Coolahan Hurd, Halethorpe, MD Michael Christopher Hurley, Liberty Township Summa Cum Laude Logan Matthew Hurst, New Philadelphia Mary Anna Husk, Falls Church, VA . Maana Cum Laude with Honors in the Arts and Sciences Sarina Marie Hyland, Columbus Maana Cum Laud Andrea Ann Iannantuono Brecksville Makoto Ibaraki, Dublin Magna Cum Laude Hannah Marie Inbody, Lewis Center Taylor Rae Irey, Larue Diego Armando Irizarry Castro, Trujillo Alto, PR Bryce Coleman Isaac, Dayton Duncan Davies Isaac, Bexley Hannah Lauren Isakowitz, Fairfax, VA Maana Cum Laude Nour Taisser Iskander, Westerville Jacoi Shaunise Jackson, Huber Heights Pevton Joseph Jacobs, Cleveland Ikran Abdirizak Jama, Minneapolis, MN Anson Micheal James, Marion 50

John Manuel Jannazo, Columbus Anna Kay Jansen, Lewis Center Magna Cum Laude Sarah A. Jantuah-Agyeman, Orange, NJ Kayla May Jasper, Alexandria Cum Laud Samentha Jean, Groveport Cum Laud Aubrey Lai-ling Jenkins, Fox River Grove, IL Magna Cum Laude Anna Natasha Jennings, East Liverpool Ashley Jennings, Douglasville, GA Naram Ji, Buffalo Grove, IL Mengyu Jiang, Shanghai, China Cum Laude Ziyi Jiang, China Alexander Jeffery Johnson, Cincinnati Courtney Ann Johnson, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Daylen Lee-Golden Johnson, Oceanside, CA Gabrielle Johnson, Columbus Hannah Louise Johnson, Wellington Hannah Marie Johnson, Jenera Cum Laude Isaiah Matthew Johnson, Trov Maana Cum Laude Jessica Nicole Johnson, Biloxi, MS Cum Laude Molly Anne Johnson, Dayton Maana Cum Laude Sam Howard Johnson, Dublin Taylor Nicole Johnson, Greenville, SC Wallace James Johnson, Jackson Maana Cum Laude Lisa Jok, Miri, Malaysia Cum Laude Ian Keller Jones, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in History Jasmine Lashae Jones, Solon Jennifer Lynne Jones, Orient with Honors in the Arts and Sciences Julia Rae Jones, Canfield Kassidy N. Jones, Worthington Maana Cum Laude Kellie Jones, Columbus Magna Cum Laude Myranda Jones, Columbus Aaron Charles Joseph, Pittsburgh, PA Magna Cum Laude Thomas Howard Kaczkowski, Powell Cum Laude Avery John Kaminski, Pittsburgh, PA . Cum Laude In Gu Kang, Daegu, South Korea Esther Anne Kaplan, Cincinnati Lilly Zane Kaplan, Toledo Tobin Elshadai Kassa, Indianapolis, IN Magna Cum Laude Michelle Katona, Marengo Cum Laude Keana Mari Kaupiko, Kailua, HI Kevin Keaton, Cleveland Cum Laude Scott Lewis Keeling, Columbus Karly Lyn Keller, Stow Magna Cum Laude Daniel Erin Kelly, Westerville Erin Grey Kelly, Mason Cum Laude with Honors in the Arts and Sciences

John Broughton Kelly, Cincinnati Timothy Westfield Kelly, Wheaton, IL Christy Endres Kennedy, Cincinnati ma Cum Laude Gabrielle Marie Kennedy, Columbus Magna Cum Laude Ryan Erin Kerensky, Youngstown Cum Laude Alyssa Nicole Kerr, San Antonio, TX Maana Cum Laude Andrew Brian Kessler, Lancaster Tess Marie Kienzle, Toledo Summa Cum Laude Benjamin K. Kim, Columbus Christina Jin Kim, Cincinnati Cum Laude Jin Gyu Kim, Seoul, Korea Jiwhan Kim, Seoul, South Korea Christopher Jason Kindinger, New Boston Maana Cum Laude Camron Lee King, Steubenville Madison Anne King, South Vienna Elizabeth Grace Kinnen, Strongsville Magna Cum Laude Brittany Jade Kirkland, Marlboro, NJ Alexandra Kay Kirkpatrick, Lexington, KY Maana Cum Laude Taylor Teresa Kirkpatrick, West Alexandria Carl Ernst Klamar, Versailles . Magna Cum Laude William Alan Kleffner, Lima Magna Cum Laude Joseph Paul Klein, Findlay Caroline Elizabeth Kletzien, Rochester, MI Maana Cum Laude Kylie Erin Klinger, Huntsville Magna Cum Laud Gretchen Sue Klingler, West Liberty Cum Laude Caroline Rose Klopp, Cincinnati Cum Laude Megan Elaine Klosterman, Coldwater London David Klucas, Toledo Maana Cum Laud Owen W. Knapp, Lakewood Trevor Allan Knapp, Pickerington Jonn W. Knowlton, Bucyrus Andrea Leigh Knudson, Cincinnati Michaela Renee Knuf, Cincinnati Jacob Alexander Koch, Columbus Miranda Shaw Koewler, Richfield Magna Cum Laude Allan Kofman, Columbus Billie Samantha Kolinsky, New Rochelle, NY Maana Cum Laude Kristen Nicole Konno, Cleveland Grace Elizabeth Koogler, Beavercreek Cum Laude Amber Koon, New Albany Cum Laude Alec Koppes, Plain City Magna Cum Laude Alexandria M. Korodi, Macedonia Magna Cum Laude Daniel Mitchell Korot, West Bloomfield, MI Elaina Michele Koutras, Massillon Maana Cum Laude Sofia Anu Kovoor, Valhalla, NY Madison Alafair Kozar, Dublin Zachary Alexander Kraehling, New York, NY Cum Laude Taylor Rae Krantz, Brown City, MI Nicole Silver Krasnow, Cleveland

Viktorya Danielle Krawczyk, Prospect Austin Patrick Kremer, Palmdale, CA Nisha Krishnan Cleveland Maana Cum Laude Samuel Patrick Kuczynski, Heath Jordan Zachary Kulbarsh, Solon Summa Cum Laude with Honors in the Arts and Sciences Emily Kiyota Kulp, Hilliard Maana Cum Laude Meahna Kumar, Dublin Natalie Michelle Kunce, Youngstown Cum Laua Ryan Craig Kurz, Cincinnati Maana Cum Laude Chevenne Anise L'Auclair, Cleveland Summa Cum Laude Jose Luis Jariol Lacar, Lewis Center Lewis Theodore Lainhart, Miamisburg Cum Laud Margaret Grace Lakomy, Cincinnati Maana Cum Laude Christian Blake Lamielle, Akron Miranda DeNoia Lange, Bexley Rachel Marie LaPointe, Worthington Cum Laude with Honors in the Arts and Sciences Samuel Ayers Lappert, Upper Arlington Magna Cum Laude Alexander Christian Laprocina, Warren Dana Elaine Larison, Lebanon John Farrell Larsen, Rocky River Haley Lash, Grove City Summa Cum Laude with Honors in the Arts and Sciences Hannah Gene Laubach, Stow Magna Cum Laude Gregory William Laurenson, Marysville Magna Cum Laude Mackenzie Jayne Lauve, Columbus Zoe Anne Lavinder, Denver Justin Law, Columbus Kennedy Veree Lawver, Canton Magna Cum Laude Haley Elizabeth Layton, Reynoldsburg Summa Cum Laude Jacob Farley Leader, Bowling Green Michael Le Leake, Sandusky Ryan Anthony Leary, Springboro Cum Laude Shakyla Leasure, Blacklick Lauren Elizabeth Leatherman, Van Wert Cum Laude Gabriella Alexa Leccese, East Williston, NY Maana Cum Laude with Honors in the Arts and Sciences Zoe Jean Leciejewski, Hudson Cum Laua Anthony Kidd Ledgyard, Cincinnati Cheol Won Lee, Seongnam-si, Korea Joyce Lynn Lee, Goodlettsville, TN Cum Laude Margaret Anne Lee, Cleveland Minki Lee, Seoul, Korea Rylan Lee, Columbus Summa Cum Laude Suyeon Lee, South Korea Amanda Renee Leichtnam, Columbus Cum Laude Ethan Gabriel Leighton, Miamisburg Kayla Lemaster, Marysville Magna Cum Laude Savannah Faith LeMaster. Westerville

Dylan Edeal Leon, Lorain Edwin Tylor Leon, Brooklyn, NY Daniel Leonard, Upper Arlington Lexius Elizabeth Leonard, Columbus Summa Cum Laude Yicong Shaun Leow, Singapore Katie Alyssa Leskowitz, Westerville Summa Cum Laude with Honors in the Arts and Sciences Kaily Ann Leslein, Reynoldsburg Cum Laude Samuel Jared Lessin, Belmont, MA Megan Margaret Lewis, Hilliard Summa Cum Laude Jack P. Lhota, Upper Arlington Dongtan Li, Daging, China Jingyi Li, Shenzhen, China Magna Cum Laude Mo Li, Beijing, China Magna Cum Laude Muyuan Li, China , Cum Laude Stephanie Yangiu Li, Mason Summa Cum Laude with Honors in the Arts and Sciences Zhivuan Li, Chengdu, China umma Cum Laud Jiawen Liang, Shenzhen, China Maana Cum Laude Laura Liang, Columbus Maana Cum Laude Abdinajib Ali Liban, Columbus Emily Licata, Cleveland Magna Cum Laude Shaina Lieh, Beavercreek Elinor Grace Frisbee Lindeman, Pittsburgh, PA Summa Cum Laude Paxton Renee Lindsey, Marion Tracey Paige Lindsey, Jeffersonville, IN Cum Laude Kendall Carroll Lindstrom, Youngstown Summa Cum Laude Emily Christine Lipstraw, Sandusky Magna Cum Laud Sara Evelyn Liptow, Cleveland Victor Edwin Littleton, Brooklyn, NY Cum Laude Max Joseph Littman, Worthington Clarissa Adorée Locke, Columbus Emily Lynn Locke, Granville Summa Cum Laude Avery Irene Logan, Medina Jarret Scott Logan, Massillon Emily Ann Lolli, Columbus Magna Cum Laud Anthony Joseph Lombardi, Canton Taylor R. Lonas, Toledo Alexis Jane Long, Dublin Magna Cum Laude Lauren Elizabeth Long, Tuscarawas Danielle Faith LoPrinzi, Cuyahoga Falls Magna Cum Laude with Research Distinction in Speech and Hearing Science Mailey Talbott Lorio, Loveland Cum Laude Sean Michael Lorton, Dayton Maana Cum Laude Anna Catherine Loss, Toledo Cum Laude Cassandra Michelle Loudenslagel, Columbus Summa Cum Laude Con Nie Low, Bentong, Malaysia Allison Mae Lowe, Rochester, NY

Chad Allen Lowe, Springboro Emily Grace Lowe, Cleveland Simon Ernest Lowenstein, Columbus Cum Laud Jeremiah Rvan Lozier, Columbus Cum Lau Shiyong Lu, Shanghai, China with Research Distinction in History Andrew Perry Luby, Cincinnati Emma Jordan Lucas, Charleroi, PA Maana Cum Laude Mitchell Daulton Lucas, Delaware Cum Laude Kaitlyn Marie Ludwig, North Bend Allison Victoria Lunka, Kirtland Magna Cum Laude Megan Renee Luthie, Alliance William Nicholas Francis Lutz, Loveland Ethan Lyons, Thousand Oaks, CA Melissa Nicole Ma, Cleveland Summa Cum Laude with Honors in the Arts and Sciences Michael E. Macfarlane, Mansfield Nicole Kathleen Machovina, Medina Jameson Blount Maddox, Marianna, FL Cum Laude with Research Distinction in History Andrew Michael Madley, Lima Sophia Elizabeth Maharry, Columbus Maana Cum Laude Margaret Lee Mahoney, Cincinnati Cum Laude Rachael Elizabeth Mahr, Wooster Cum Laude with Research Distinction in Speech and Hearing Science ShuXian Mai, Columbus Deborah Noor Makari, Olmsted Falls Summa Cum Laude with Honors in the Arts and Sciences Liana Sara Malamed, Great Neck, NY Magna Cum Laude David S. Maldonado, Blacklick Mariah Mae Maldovan, Baltimore Maana Cum Laude Anna Sophia Malkotsis, Merrick, NY Colleen N. Mallernee, Dover Shoshana Toni Malmeth, West Hills, CA Carley Alissa Malone, Pickerington Cum Laude Macie Mae Mancuso, North Ridgeville Maana Cum Laude with Honors in the Arts and Sciences Connor Paul Mapes, Champaign, IL Nicholas Daniel March, Dublin Anthony Edward Marchiny, Middlefield Hailey Aerin Marcus, Valley Stream, NY Magna Cum Laude with Honors in the Arts and Sciences Shauna Maresh, Tolland, CT Lydia Marino, Pulaski, NY Cum Laud Mason Marino, Tinley Park, IL Logan Markle, Ashland Johely Martin, Columbus Dominique Nicole Martinez, El Paso, TX Nickolas Steven Martz, Delphos Maana Cum Laude Niall Francis Matthews, Medfield Elizabeth Christine Maxwell, Streetsboro Rachel Denvia May, Cleveland Morgan Elizabeth Mays, East Liverpool

Cum Laude Austin McBride, Millersburg Kathleen Michelle McCarthy, Middletown William Harrison McChesney, Dayton John Ryan McClain, Cleveland Janelle Leigh McClelland, Bidwell *Cum Laude* 

Carey McClure, Mansfield Magna Cum Laude

Brendan James McConnell, Cincinnati Cum Laude

Abigail Page McCormick, Columbus Julia Grace McCormick, Powell Abagale Elizabeth Grace McCurdy, Mount Vernon

Alexandra Xochitl McDaniel, Kent Ellen Jane McDaniel, Columbus Brendan Gerald McDermott, West Chester Lauren Maille McDermott, Lyndhurst Ryan William McDermott, Canton Darragh Catherine McDonnell, Chicago, IL Cum Janée

Emily Nicole McGathey, Robinson, IL Faith Gabriel McGrady, Cleveland Timothy David McGranor, Gibsonburg Madison Dudich McGuinness, Green Taylor McIntire, Toledo

Cum Laude Emma Leanne McKean, Columbus Maana Cum Laude

Jack Gregory McKenzie, Dillsburg, PA Michelle Angela McKenzie, Delaware with Research Distinction in Linguistics

Emma Grace McKeon, Lakewood Magna Cum Laude

Molly McKinney, Columbus Paige Danielle McKirahan, Byesville

Allison Kathleen McLaud, Corning, NY Jordan Christopher McMurray, Fremont Matthew Lucas McNeill, Chagrin Falls Ryan Jacob McRowe, Avon Caroline Marie Mead, Upper Arlington

Magna Cum Laude Ashley Taylor Meihls, Lima Alexander Paul Meister, Grove City Kent Robert Meister, Wooster Alan Michael Meizlish, Gahanna Heather Louise Melena, Broadview Heights Luis Alberto Melendez, Jr., Cleveland Michael David Melin, Cincinnati Santiago Mendoza, Columbus Sunny Sunel Merchant, Budapest, Hungary Sophia Grace Mercker, Dublin Spencer Daniel Merriss, Columbus Nicholas Anthony Messina, Lyndhurst Shelby Taylor Meyerrose, Pickerington Jonathon Edward Miles, Canfield Summa Cum Laude Brooke Nichole Miller, Plymouth

Emily Patricia Miller, Arcanum Cum Laude

Kelsey Lynn Miller, Dayton

Melinda Kae Miller, Danville, CA Nicole Morgan Miller, Medina Moriah Ying Hua Miller-Gnann, Columbus Magna Cum Laude Tyea RayAnne Miller-Ruble, Lima Morgan Milliken, Frisco, TX Margo Marie Milliron, Youngstown Cum Laude William B. Mills, Worthington Richard Lucas Minnich, Tipp City Claire Rustici Miolene, Stamford, CT

Magna Cum Laude

Brooke Elizabeth Mira, Tiffin Ana Grace Mitchell Cleveland Maana Cum Laude Nikola Mitevski, Pataskala Austin David Modesitt, Newark Elizabeth Marie Mogus Garcia, Akron Ismail Abdirahman Mohamed, Columbus Alexis Ann Moncrief, Hudson Alaina Diane Monsey, Walbridge Morgan Lynn Moon, Circleville Magna Cum Laude Brianna Nikole Moore, Mount Victory Conner Furie Moore, Duncan Falls Nathan Roderick Moore, Hilliard Micah Alexandria-Sherre Morales, Columbus Darci Ann Morris, Springfield Emily Lyn Morrison, Columbus Cum Laude William John Morrison, Issaquah, WA Raechel Lynn Morrow, Westerville Samantha Ashleigh Moses, Solon Magna Cum Laud Joshua Michael Moss, North Canton Lea Marie Moss, Columbus Dennis Mossberg, Oceanside, NY Magna Cum Laude Jamilah Imani Muhammad. Columbus Adilah Renee Muhammad-Bey, Houston, TX Andrew John Mulach, Lewis Center Kyle Anderson Mullins, Bucyrus Madison Breona Mundy, Columbus Sopharmony Muon, Columbus Kaylin Audrey Muren, Powell Hannah Marie Murphy, Evergreen Park, IL Vanessa Rae Murphy, Hilliard Casey Claire Murray, Massillon Magna Cum Laude Robert Parker Murray, West Hartford, CT Nadia Athena Musleh, Cleveland Summa Cum Laude Nadiem Musleh, Cleveland Benjamin Richard Muslusky, Brooklyn Brian Raymond Myers, Cincinnati Curtis Lowe Myers, East Palestine Cum Laude Hunter Mygrants, Stow Srikar Mylavarapu, Mason Margaret Elizabeth Nachtrab, Cincinnati Cum Laude Maheen Nadeem, Toledo Cum Lauc Troy Austin Nagy, Copley Magna Cum Laud Marisa Alyce Nahem, Bexley Cum Lau Elena Nail, Solon Cum Laude Zachary Nallen, Dumont, NJ Summa Cum Laude Erin Alyssa Napier, Lebanon Kailee Madison Nardi, Lisle, IL Summa Cum Laude Matthew Gregory Nehez, North Royalton Kyle Nicklaus Nehs, Fox River Grove, IL Carole Ruth Nelson, Chagrin Falls Summa Cum Laude Amelia Ann Neumuller, Jamestown Henry Maxson Newberg, Perrysburg Andrew Newbright, Piqua Jordyn Alexandria Newcomer, Brunswick Chris Lynn Newman, Columbus with Research Distinction Jillian Christine Newman, Cincinnati Maana Cum Laude with Honors in the Arts and Sciences 51

Monica Lacey Newport, Hilliard Summa Cum Laude with Research Distinction in Sneech and Hearing Science Andrew Gareth Niccum, Newark Megan Niermeyer, Columbus Abigail Laura Nikiforovs, Cleveland Heights Sara Ellen Nippert, Dublin Summa Cum Laude Taylor LeeAnn Nolan, Grove City Cara Marie Norris, Cincinnati Leah Emily Nourse, Columbus Osmari Beatriz Novoa, Cincinnati with Research Distinction in Spanish Abraham Nuez, East Rockaway, NY Cum Laude Evelin E. Nunez-Rodriguez, Cleveland with Research Distinction in English Charlie Rae O'Brien, Westfield, NY Cum Laude Fallon O'Brien, Columbus Cum Laude Patrick Kevin O'Connor, Cincinnati Magna Cum Laude Fiona Finnan O'Donnell, Lakewood Elliot O'Flynn, Sandy Spring, MD Kaleigh Elizabeth O'Keefe, Bedford, NH Cum Laude Bree O'Neal, East Lansing, MI Cum Laude Cortney Gwynne O'Neal, Clymer, NY Erin O'Neill, Lakewood Jacob Matthew Oates, West Chester Taylor Nicole Oates, Arlington Chikaodi J. Odemena, Newark, NJ Tremica Lanae Odom, Columbus Spencer Nicole Odwarka-Coleman, Columbus Maria Claire Offutt, Vero Beach, FL Summa Cum Laude Mikah Jade' Oglesby, Trotwood Andrew James Oldham, Pickerington Naima Abdikhadir Omar, Columbus Alexandra Marie Ong, Medina Summa Cum Laude with Honors in the Arts and Sciences Gabriela Patricia Oppenheimer Lugaro, Ponce, Puerto Rico Kristen Elizabeth Orewiler, Bucyrus Natalie Amanda Orslene, Powell Cum Laude Isaac Manuel Ortiz, Savannah, GA Cum Laude Logan Christopher Osborn, Mount Cory Jensen Victoria Ott, Norwalk Ted Oyler, Newark Spencer Vaughn Pachta, Milford Cum Laude Megan Carolann Packer, Cincinnati Cum Laude Dana Pahanish, Southlake, TX Maana Cum Laude Patrick James Palumbo, Worthington Maana Cum Laude Swetha Sri Pandari, Dublin Cum Laude Emily Alice Pandis, Powell Phoebe Elizabeth Paniccia, Cincinnati Joseph Paul Pannullo, St. Charles, MO Jennifer Lynn Pantell, Plainview, NY Maana Cum Laude Hannah Marie Pany, Schnecksville, PA Nikolas Pappas, Dublin Joseph Robert Paquette, Bethel Summa Cum Laude

Courtnie Ann Park, Medina 52

Alexis Laurie Parker, Manassas Park Summa Cum Laud Chance Michelle Parker, Cleveland Whitney Nicole Parker, Springfield Magna Cum Laude with Honors in the Arts and Sciences Andrew Marion Parra, Cincinnati Magna Cum Laude Thomas Anthony Parran, Shaker Heights Maggie Elise Parsley, Canal Winchester Romal Patel, Solon Shiv PareshKumar Patel, Hebron Shravan D. Patel, Powell Vaishali Patel, Westerville Maana Cum Laude Katie Lynn Patterson, Columbus Logan Patterson, Uhrichsville Matthew Patti, Dublin Cum Laude Armaun Dennis Payne, Cleveland Jonathan Thomas Pearce, Lancaster Cum Laude Mark Alexander Lee Pemberton, Fairfax, VA Summa Cum Laude Miceli M. Pena, Columbus Caleb Joshua Pendola, Warsaw Jordan Michael-Victor Penrose, Springfield Rachel Elizabeth Perez, Waterbury, CT Stephen Antonio Perez, Los Angeles, CA Kaitlyn Joy Perin, Columbus Maana Cum Laude Autumn Dawn Perkey, Hebron Emily Perko, Chardon Theodore Dale Persinger, Marion Kassi Blais Perusse, Torrington, CT Annelise Ruth Peters, Louisville, KY Maana Cum Laude Courtney Alexandra Peters, Upper Arlington Dana Louise Petersen, North Aurora, IL Magna Cum Laude Mackenzie Lee Peterson, North Canton Maana Cum Laude with Honors in the Arts with Distinction in Theatre Karrington Yvette Pettiford-Winters, New Albany Magna Cum Laude Jacob Taylor Pettrey, Dublin Magna Cum Laude Colleen Rose Pezzutti, Mason Summa Cum Laud Tyler Cheyne Phelps, Newton Falls Anna Lee Phillips, Columbus Brianne Marie Phillips, Akron Danielle Morgan Phillips, Deerfield, IL Summa Cum Laud Megan A. Phillips, Medina Summa Cum Laud Jordan Elizabeth Phillpott, Auburn, AL with Honors in the Arts and Sciences Leah Pike, Cleveland Heights Cum Laude Alyson Kathryn Piliero, Columbus Elise Pinter, Moon, PA Chandler Emerson Pisczak, Chagrin Falls Catherine Evelyn Pitt, Pickerington Joshua E. Pittman. Austintown Cum Laude Kyle Marie Poenicke, Vicksburg, MI Sean Christopher Pokorney, Bolton, MA James George Polak, Independence Cum Laude Susant Polavarapu, Hyderabad, India Jessica Pollak, Solon

Cum Laude

Adriana Valencia Ponce de Leon Shaker Heights Maana Cum Laude Nicha Nalin Poolpol, Shaker Heights Cum Laude Grace Catherine Pophal, Westlake Mari Angela Porras, Hilliard Devon Porter, Columbus Sebastian Lukas Portuondo, Richmond, VA Yaroslav Postnov, Volgograd, Russia Magna Cum Laude Shaina Nicole Poulin, Marengo Keon Kehoe Pourboghrat, Okemos, MI Alexandra Powell, Beavercreek Summa Cum Laude with Honors in the Arts and Sciences Christopher Dylan Powell, Knoxville, TN Emily Gail Powell, Hilliard Evan Andrew Powell, Fairborn Mackenzie Lynn Powell, Cincinnati Zachary Louis Prebel, Strongsville Alana Ryan Prendergast, Cleveland Caroline Preston, Orrville Cum Laude Caleb John Pribanic, Sandusky Elizabeth Ann Price, Wellsville Maana Cum Laude with Research Distinction in Women's, Gender, and Sexuality Studies Victor Jacob Priest, Ashville Princess Queena Marie Prince, Athens Kaylee Nicole Propst, Columbus Levi Marcus Prudhomme, Reston, VA Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Comparative Studies Micheil William Pruni, Dover Ronald Brandon Puckett, Gahanna Summa Cum Laude Kirsten Nicole Pullins, Dayton Maana Cum Laude Antonio Chaz Pulsinelli, Columbus Qi Qi, Zhuozhou, China Aiden McCallen Quickert, Columbus Hanniya Qureshi, Cleveland Mohamad A. Quteifan, Dublin Madison Renee Radabaugh, Vinton County Bianca Lynn Ragone, Ravenna Magna Cum Laude Christopher Michael Raines II, Dayton Brianna Lynn Ramirez, Grove City Robert Thomas Ranftl, Akron Amber Rapier, Columbia, SC Aleksandar Rapovski, Dublin Zayna Ronnie Rasul, Hilliard Jacob Robert Rausch, New Philadelphia with Research Distinction in International Studies Ishwarya Ravichandran, Centerville Jacquelyn Mae Ravlin, Centerville Cum Laude Gabrielle Margaret Ray, Charlton, MA Cum Laude Sonia Rayka, Cincinnati Cum Laude Meredith Rose Reahm, North Canton Magna Cum Laude Leeann Marie Reckner, Grove City Maiko Reed, Aurora Marcus Reed, Canton Maana Cum Laude Elijah C. Reffey, Bucyrus Kayhla Ann Reichert, Westerville Benjamin Rein, Raleigh, NC

Elizabeth Marie Reis, Cincinnati Summa Cum Lauc Abbie Christine Rentsch, Port Washington Cameron William Luis Rentsch, Uhrichsville Maana Cum Laude Corey Resweber, Akron Magna Cum Laude Thome Susan Reusser, Westlake Aleli Gabriela Reyes, Columbus Christina Ann Reynolds, Columbus Madeline Sue Reynolds, Crestline Cum Laude Jennifer Rhoades, Wadsworth Maana Cum Laude Ginette Scott Rhodes, St. Louis, MO Cum Laude Gretchen Elizabeth Rhodes, Springboro Alex Edward Richards, Bellefontaine Alexandra Richards, Grove City Anthony Scott Richards, Newark Danielle Lynn Richards, Sidney Austin Riley Ricketts, Lancaster Kalon Brian Ridley, Columbus Marlee Rebecca Ridpath, Powell Cum Laude Vanessa Ruthanna Rieman, Arlington Cum Laude Daniel Timothy RIffe, Columbus Kacey Renee Riga, Cincinnati Cum Laude Melissa Marie Rindfleisch, Vermillon Taylor Elaine Rinehart, Canton Pacia Rinthara, Groveport Tyler Ronald Ritchie, Loveland Cum Laude Mitchell Zachary Ritten, Lapeer, MI Allan Kevin Rivera, Congers, NY Alexandria Roberts, Upper Arlington Emily Rae Roberts, St. Louis, MO Magna Cum Laude Holly Roberts, Tinley Park, IL Cum Laude Michael David Roberts, Louisville Maana Cum Laude Charlotte Grace Robertson, Cleveland Magna Cum Laude Ayla Carole Robinson, Cincinnati Magna Cum Laude Reid Clark Robinson, Hudson Vanessa Gabrielle Robinson, Dublin Jennifer D. Robson, Ashley Magna Cum Laude Alexis Rodriguez, Somerset, NJ Johnathon Albert Rogers, Cuyahoga Falls Peter Lynn Rogers, Lexington Nicholas Thomas Rose, Kingsville Benjamin Lewis Rosenthal, Akron Cum Laude Thomas James Rospert, Wadsworth Magna Cum Laude Laserik Michael Ross, Columbus Mary Jacqueline Kennedy Ross, Dublin Cum Laude Lauryn Nicole Rotonda, Park Ridge, IL Cum Laude Emily Rose Routson, Columbus Jaden Trenev Roval, Riplev Shelby Noel Royal, Pataskala Maana Cum Laude Kelly Chaochen Rudolph, Toledo Sade Nicole Ruffin, Mansfield Erik Jameson Running, Mundelein, IL Adam Thomas Rupp, Orlando, FL Erica Nicole Rush, Shelby Srboljub Ruzic, Dublin

. Cum Laude

Alexandra Ryan, Spring Hill, TN Maana Cum Laude William Daniel Ryan, Columbus Allix Mari Saarie, Deerfield, IL Julia Sabella, Richfield Magna Cum Laude Ben David Sack, Orange Magna Cum Laude Tyler Sackett, Rye, NY Ali Omar Said, Columbus Daniel Wyatt Saionzkowski, Pickerington Magna Cum Laude Rebecca Lorraine Salamacha, Pittsburgh, PA Summa Cum Laude Liza Paige Salberg, Glencoe, IL Maana Cum Laude David Blake Saliaris, Columbus Bridget Salice, Rye, NY Cum Laude with Research Distinction in Women's, Gender, and Sexuality Studies Alexa Catherine Salisbury, Westerville Maana Cum Laude with Honors in the Arts and Sciences Sarah-Jane Marie Sambor, Mason Magna Cum Laude Loni Rae Sammons, Columbus Cum Laude Alfonso Alan Sanchez, Newark Michael Joseph Sanda, Columbus Katelyn Anne Sandacz, Cleveland Mikayla Elizabeth Sanders, Mokena, IL Magna Cum Laude Monica Alicia Sandoval, Cincinnati Erika Stephany Santolalla Sanchez Diaz, Lima, Peru William Anthony Sapp, Sardinia Mia Francesca Carson Saracusa, Cleveland Cum Laude Grace Catherine Satow, Columbus Cum Laude Shannon Tylar Saylor, Marion Francesca Marie Scali, New Marshfield Maana Cum Laude Anne Kramer Scantling, Akron Summa Cum Laude Angelica Marie Scarabino, Wellsville William James Scarborough, Troy Samantha Grace Schaal, Bridgeport Magna Cum Laude Alyssa Diane Schaefer, Elyria Hannah Jo Schaeffer, St. David, IL Brittany Marie Schafer, Columbus Cum Laude Laura Schear, Dayton Maana Cum Laude with Honors in the Arts and Sciences Emily Jane Schellin, Southlake, TX Catherine Rae Trasky Schiff, Manhattan Beach, CA Maana Cum Laude Matthew Robert Schmid, Cincinnati Chaz Michael Schmidt, Swanton Samantha Schneider, Cuyahoga Falls Magna Cum Laude Juliana Christine Schnell, Plain City Cum Laude Lauren Elizabeth Schoepf, Granville Kelly Anne Schroeder, Loveland . Maana Cum Laude Nikolette Schroeder, Sheffield Village Rvan Patrick Schuck, Parma Jack F. Schulman, Gates Mills Cum Laude

Bethany Noele Schultz, Tipp City

Elise Anna Weigele Schultz, Hudson Baylie Michelle Schwamberger, Logan . Maana Cum Laude Tyler John Sciulli, Oakdale, PA Corey Scott, Xenia Julian James Scott, Columbus Kylie Noelle Scott, North Royalton Moriah Noel Scroggins, Dayton Joshua Erin Scruggs, Bellville Maeve Clare Scully, Boston, MA Summa Cum Laude with Research Distinction in Geography Jeffrev Richard Seidel, Durham, NC Natalie Elaine Sell, Ramstein, Germany Rachel LeeAnn Serafy, Columbus Leah Kaye Seymour, Grove City Cum Laude Brooke Nicole Shad, Cincinnati Samantha Sayeed Shah, Beverly Hills, CA Luyao Shang, Beijing, China . Cum Laude Kaitlyn Marie Shaw, New Philadelphia Mollie Elizabeth Shaw, Columbus Summa Cum Laude Olivia Marie Shaw, Westerville Magna Cum Laude Shunshun Shen, Suzhou, China Zhanbo Shen, Shenyang, China Alden Glenn Shepherd, Worthington Katie Scarlett Sheridan, Dublin Tianshu Shi, Beijing, China Cum Laude Zihan Shi, ZhengZhou, China Cum Laude Samantha Eve Shilling, New York, NY Oliver Perlis Shindler, Chicago, IL Grant Barrie Shives, San Diego, CA Samuel Joseph Shomette, Houston, TX Cum Laude Claire Margaret Shonk, Lancaster Summa Cum Laude Brandy Danielle Shook, Dayton Maana Cum Laud Mackenzie L. Short, Pickerington Kendra Renee Shreves, Columbus Dana Sami Shubaily, Columbus Braden Chad Siegel, Centerburg Jakob Siegfried, Medina Cum Laude Anna Jo Sies, Cincinnati Torah M. Silvera, Columbus Kevin Maxadrian Simbaku, Ottawa Cum Laude Celeste Abyssinia Simcox, Lakewood Megan Eileen Simmons, Black Diamond, WA Cum Laude Gabriel Steven Simms II, Dublin Summa Cum Laude with Distinction in Theatre Kyla Elizabeth Simon, Canton Cum Laude Brendan John Simpson, East Setauket, NY Dai'Landen Ryshad Simpson, Cincinnati Vinay Sankar Singaraju, Dublin Emily Cristina Singh, Dallas, TX Cum Laude Kyle Singleton, Columbus Kalie Furkey Sivick, Westerville Cum Laude Bryce Slabinski, Virginia Beach, VA Rebecca Louise Slavik, Strongsville Maana Cum Laude John Robert Slavnik II. Lewis Center Maana Cum Laude

Kaylea Sluss, Columbus

Hannah Smerdell, Canal Winchester Catherine Victoria Mae Smith Mansfield Darby Smith, Ostrander David Alan Smith, Pickerington Devon Rochelle Smith, Menlo Park, CA Summa Cum Laude Elise Alexandria Grace Smith, East Liverpool Hannagh Jane Smith, Woodbridge, VA Kayla M. Smith, Columbus Madison Christina Smith, Canton Cum Laude Noah Jeremy Smith, Solon Cum Laude Olivia Christine Smith, Lima Jordan Ashton Smoot, Columbus Cum Laude Olivia Sneed, Prairie Village, KS Benjamin Allyn Snoddy, Wooster Magna Cum Laude Fiona Marie Snoddy, North Caldwell, NJ Jeffrey Christian Snyder, Columbus Summa Cum Laude Kelly Jo Snyder, Greenville Magna Cum Laude Meredith Jane Snyder, Hudson Michaela Reynolds Sobecki, Gates Mills Cum Laude Bailey Christine Socha, Dublin Cum Laude James Michael Solimine, Cincinnati Cum Laude Helina Solomon, Columbus Caroline Patricia Somerson, Columbus Chunlei Song, Yuncheng, China Cum Laude Yining Song, Beijing, China Summa Cum Laude Daniel Joseph Sonnefeld, Cincinnati . Magna Cum Laude Kyndal Reese Sowers, Georgetown Magna Cum Laude Kevin Richard Sowski, Orange County, CA Tristen Claire Spahr, Findlay Summa Cum Laude Daniel Justin Sparks, Marysville Sarah Dawn Sparks, Portland, OR Maana Cum Laude Maya Justine Spector, Cleveland Jason A. Speicher, Vencenza, Italy Charlotte Nicole Sperl, Cleveland Matthew Wayne Spies, Dover Briana' Renee Spikes, Cincinnati Emma Spira, Cleveland Kathryn Grace Spires, Dayton Cum Laude Kathryn Elizabeth Spisak, Cleveland Alice Louisa Staaby, Columbus Summa Cum Laude Rachael Logan Stahl, Bladensburg Cum Laude Cherokee Rose Stark, Marion Steven Richard Stark, Castalia Magna Cum Laude Patrick Lawrence Stasek, Columbus Matthew Harrison Steedman, Columbus Devyn Page Stevens, Columbus Katharine Grace Stevens, Circleville Maana Cum Laude with Honors in the Arts and Sciences Kerry Ann Stevens, Springfield, VA Cum Laude with Research Distinction

Kristen Mackenzie Stevens, Columbus

Sara Elizabeth Stevenson, Canal Winchester Magna Cum Laude Brittany Kiara Stewart, Carlisle, PA Summa Cum Laude Brooke Lee Stewart, Thornville Trevor Cannon Steyn, Granville Thomas John Stimpert, Worthington Anthony John Stockwell, Perrysburg Maana Cum Laude Shelby Leigh Stoddart, Wexford, PA Cum Laude Linnea Mirette Stolze, Avon Lake Jamie Nicole Stone, Chesapeake, VA Suzannah Jean Stone, Bexley Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Psychology Ian Wayne Stout, New Washington Parker Stephen Stricklen, Loudonville Clare Leigh Strickler, Mansfield Sydney Lee Stroia, North Canton Cum Laude Pamela Rene Strome, Centerburg Heaven Shiann Strouse, Massillon Cum Laude Audra Jean Studer, Marion Maana Cum Laude Emily May Stuhldreher, Cuyahoga Falls Casey Elizabeth Suich, Dublin Michael James Sullivan, Dublin with Research Distinction in Linguistics Nicholas Bruce Sunderland, Cincinnati Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Comparative Studies Carli Nicole Suppo, Pittsburgh, PA Christian Susanto, Surabava, Indonesia Hayley Nicholle Svensson, Hilliard Magna Cum Laude with Research Distinction in Psychology Charles Stephen Swan, Jr., Chicago, IL Jonathan Maxwell Swigert, Columbus Morrisa Swisher, Marietta Alexandra Brianne Szana, Lewis Center David James Szolosi, Columbus Maana Cum Laude with Honors in the Arts and Sciences Lauren Nicole Szymczak, Coshocton Alexander David Tabler, Columbus Grove Sydney Paige Takitch, North Royalton Emily Fave Talbott, Worthington Taylor Katherine Tamang, Euclid Cum Laude Shijie Tan, Changsha, China . Cum Laude Madison Taylor Task, Aurora Hannah Elizabeth Tate, Columbus Kylie Lane Tavenner, Worthington Chelsy Shalea-laree Taylor, Akron Nicholas Taylor, Lyndhurst Sydney Michelle Taylor, Mechanicsburg, PA Cum Laude Zaire Taylor, Akron Alexander M. Teffenhardt, Ottawa Olivia Claire Tempel, Antwerp Cum Laude Wesley Thomas Terrill, Stow Cum Laude Cameron Thomas, Reno, NV Abraham Thompson, Columbus Andrea Michelle Thompson, Toledo 53

Joshua West Stevenson, Westerville

Beth Leigh Thompson, Canal Winchester Summa Cum Laude Nicole Ashley Thompson, Oswego, IL Magna Cum Laude with Honors in the Arts and Sciences Peter Wade Thorson, Columbus Julia Arlene Tiell, Tiffin William Francis Timmermeyer III, Poca, WV Maana Cum Laude with Honors in the Arts and Sciences Zachary Reid Tincher, Zanesville Sophia Grace Tiratto, Nashville, TN . Summa Cum Laude with Honors in the Arts and Sciences Nathan Adam Tobias, Newark Madison Menning Tompkins, Cleveland Lauren Alaine Toney, Newark Magna Cum Laude Kayla Marie Toon, Hamilton Maana Cum Laude with Research Distinction in Communication Emmalee Kathryn Topp, Wapakoneta Jessica Elizabeth Torkar, Columbus Lucas Jackson Yukon Tortora, Worthington Patrick Trago, Lexington David Trajkovski, Brunswick Cum Laude Samantha Jane Trem, Willoughby Mikenzie Lee Tremblay, Prosper, TX Karleigh Trgovac, Chambersburg, PA Cum Laude Chelsie Tripp, Columbus Emma Rose Trout, Minnetonka, MN Summa Cum Laude Margo Louise Trubiano, Kirtland Maana Cum Laude with Honors in the Arts and Sciences Huyen Truong, Columbus Katie Marie Truxall, Salem Maana Cum Laude Eric Robert Trzeciak, Columbus Summa Cum Laude Matthew Joseph Tucker, Westerville Danielle Mikayla Tulipano, Waterboro, ME Cum Laude Meredith Ashlyn Tuohy, Olmsted Township Tyler Adam Turim, Wheaton, IL Dana Brianne Turner, Hilliard DeMarco DeShawn Turner, Dayton Samantha Jane Turner, Hilliard Summa Cum Laude Chevanne Nicole Tutt, Columbus Kayleigh Nicole Twining, Lima Sarah M. Tynan, Columbus Dustin Elwood Tynes, Nassau, Bahamas Dylan Matthew Tyrer, Manhattan Beach, CA Cum Laude Jack Tyson, Marblehead Cum Laude Alexander WIlliam Ugolini, Youngstown Magna Cum Laude Michael Urban, Belle Harbor, NY Erin Valentine, Columbus Ashley E. Van Buren, Galion Summa Cum Laude Evan Michael Van Dromme, Columbus Adrien Van Wagenen, Cincinnati Latia Lynne VanDyke, Columbus Zachary David Varda, Columbus Summa Cum Laude Alexandra Beatriz Vargas, Chula Vista, CA Maria Rose Vargo, Strongsville

Baylee Breanna Varnell, Portales, NM Sydney Ellen Varner, Mason Megan Elizabeth Vazana, Rochester, MI Jason Rafael Vazquez, Sunbury Maana Cum Laude Kevin Ricardo Vazquez, Sunbury Maana Cum Laude Joseph Egan Vazzano, Glen Ellyn, IL Isabella Naomi Velasco, Canfield Cum Laude Sjors Fitsgerald Verhaak, Amsterdam, Netherlands Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Political Science Kunal Verma, Hilliard Michael Brandon Villanueva, Oceanside, CA Diego Enrigue Villares, Reynoldsburg Rebecca Jahayra Villarreal, Columbus Sabrina Amber Virani, Las Vegas, NV Ashley Christine Vober, Akron Summa Cum Laude Noah James Vollmer, Dublin Cum Laude Mato Vunak, Jr., Euclid Ian Christopher Waddell, Perrysburg Michael Gregory Waggoner, Mason Allison Wagoner, Batavia Emma Mieko Waight, Peninsula Cum Laude Allison Elizabeth Walker, Rochester, MN Cum Laude Clayton Walker, Bedford Ismoni Walker, Enfield, CT Cum Laude Janine C. Walker, Cleveland Heights Julia Nicole Walker, Columbus Kristin Elaine Wall, High Point, NC Maana Cum Laud Alexandra Marie Wallace, New Albany Connor Braydon Wallace, Reynoldsburg Brendan Walsh, Green Cum Laude with Research Distinction in English Quinn Catherine Walters, Columbus Beivu Wang, Shanghai, China Frank Tao Wang, Centerville Maana Cum Laude with Honors in the Arts and Sciences Jonathan Wang, Ocala Yawen Wang, Zhengzhou, China Maana Cum Laude Yufan Wang, China Cum Laude Zexian Wang, Shenyang, China Cum Laud Zhiqi Wang, Beijing, China Audrey Emily Wanstrath, Cincinnati Cum Laude Emma Lee Ward, Harrod Rachel Elizabeth Ward, Batavia Madelyn Elise Wardle, Fairborn Maana Cum Laude Jamie Deanne Warrack, Syosset, NY Maana Cum Laude Rhiana Elizabeth Warren, Englewood Mary Katherine Waterhouse, North Canton

Mary Katherine Waterhouse, North Canl Victoria Lynn Waters, Mount Vernon Meredith Frances Watkins, Kenton Emily Catherine Watson, Frazeysburg Brian John Wattenschaidt, Delaware Grant Frederick Weaver, Chagrin Falls Scott Alan Weber, Pickerington Cory Joseph Weddington, Twinsburg Victoria Elise Wegman, Beaver Falls, PA Benjamin Ross Weidner, Dayton Douglas Steven Welker, Zanesville Maana Cum Laude Ryan Patrick Welt, Madeira Alyssa Cailyn Werner, Newark Jackson Thomas Westerheide, Granville Alexis Breanne White. Thornville Kristen White, Cincinnati Sophie Elisabeth White, Sidney Paige Marie Whitley, Cincinnati Sara Ann Wical, South Charleston Cum Laud Seth David Wicker, Columbus Natalie Ann Widman, Marion Allison Joy Wigham, Wooster Summa Cum Laude Aaron Russell Wilburn, Columbus Olivia Ellen Wilford, Wooster Maana Cum Laude Mekaela Gabrielle Will, Solon Lindsay Marie Williams, Wadsworth Merlene Williams, Columbus Maana Cum Laude Mitchell Steven Williams, Grove City Morgan Leigh Williams, Beavercreek Magna Cum Laude Rex Allen Williams, Columbus Te'Aushia Leshav Williams, Columbus Travis Daniel Williams, Columbus Maana Cum Laude Edwin John Willison, Amsterdam Destiny Alexis Wilson, Lorain Kyler Edward Wilson, Mason Summa Cum Laude Micaela Michelle Wilson, Columbus Quentin Shawd Winchester, Jackson Jessica Ann Winkler, Columbus Summa Cum Laude Paul David Winters, Delaware Maxwell Mariea Wisne, Powell Maana Cum Laude Tyra Ellen Withers, Youngstown Gretchen Nicole Wittry, Cincinnati Cum Laude William Francis Wohrle III, Radnor Maana Cum Laude Lauren Elizabeth Woitovich, Lewis Center Danielle Marie Wolf, Chagrin Falls Maana Cum Laude with Distinction in Art Katherine Wolf, Rochester Hills, MI Margaret Claire Wolf, Cincinnati Cum Laude Travis Brian Wolf, West Mansfield Maana Cum Laude Danielle Leigh Wolff, Delaware Chelsea Lynn Wollett, Nelsonville Cum Laude Jessica Wong, Holland Maana Cum Laude with Research Distinction in English Derek Austin Wood, Oak Harbor Hannah Nicole Wood, Sandusky Zoe Alexandra Wood, Ashland, MA Maana Cum Laude Olivia Anne Worthington, Strongsville Summa Cum Laude

Nicole Marie Wothe, Edina, MN

Aaron David Wright, Columbus Heather Catherine Wright, Richford, VT Magna Cum Laude Quinn Dougherty Wright, Toledo Shelbey Ann Wyckoff, Pickerington . Cum Laude with Honors in the Arts and Sciences Zongyuan Xiang, Wuhan, China Chengyu Xie, Changsha City, Hunan Province, China Magna Cum Lau Siyao Xu, Shanghai, China Cum Laude Zihao Yan, Oxford, United Kingdom Cum Laude Binyuan Yang, Beijing, China Hao Yang, Xi'an, China Michael Yang, South Korea Xinru Yang, Wuhan, China Yifan Yang, Lanzhou, China Sarah Elizabeth Yannone, North Canton Cum Laude Alexander Joseph Yavornitzky, Lorain Magna Cum Laud Wentao Ye, Beijing, China Wai Ling Yee, Malaysia Sharon Yeh, Dayton Summa Cum Laude Kyung Jun Yi, Warren Cum Laude Seung Yoon Yoo, Gwacheon City, Korea Christina Therese York, Delaware Katherine Ann Young, Bethesda, MD Cum Laude Mackenzie Morgan Young, Findlay Maana Cum Lau Lauren Younkin, Lewis Center Summa Cum Laude Qiuvun Yu. Qinadao. China Zhengjie Yu, Wuhan, China Macey Yuhasz, Cleveland Dylan Michael Yurco, Grove City Zain Ahmed Zafar, Hudson Rebecca Ann Zamblauskas, Cleveland Razyar Zangana, Columbus Vincent Michael Zanish, Columbus Cum Laude Oliver Zapata Ramirez, Cleveland Vincent Mark Zehentbauer, Hanoverton Jiayin Zhang, China Jinyu Zhang, Yichang, Hubei, China Magna Cum Laude Zefeng Zhang, Chongqing, China Ziming Zhao, Tangshan, China Rui Zheng, China Ming Zhu, Shanghai, China Ruiqing Zhu, Shanghai, China Thomas Chengzhi Zhu, Mason Abby Miller Zimmerman, Dublin Summa Cum Laude Theodore Zoumpoulidis, Martins Ferry E'mari Breasia Zurko Richardson, Youngstown Corey Thomas Zwisler, Englewood

# Bachelor of Arts in Journalism

Olivia Christina Balcerzak, Columbus Summa Cum Laude with Honors in the Arts and Sciences Stewart Blake, Kettering Ray'Anthony Bruster, Cleveland

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Summa Cum Laude

Rachel Ashleigh Bules, Sylvania Ethan Micheal Clewell Marion William Joseph Wyatt Crosher, Brunswick Cum Laude Ashley Marylou Diggins, Philadelphia, PA Summa Cum Laud Colin Olson Gay, Cypress, TX Kaycie Ann Golic, Mentor . Cum Laude Scott Porter Good, Columbus Maana Cum Laude Isabel Hall, Plymouth, MI Maana Cum Laude Rachel Lynn Harriman, Cleveland Samantha Harris, Brunswick Magna Cum Laude Zhuxiao Huang, Beijing, China Magna Cum Laude Kaylin Hynes, Olmsted Falls Cum Laude Aliyyah Makarera Jackson, Noblesville, IN , with Honors in the Δrts and Sciences Michael Yow-Ying Lee, Dublin Summa Cum Laude Shanti Anne Lerner, Angeles City, Philippines Maana Cum Laud Madison Lynne MacEachen, Cincinnati Cum Laude with Honors in the Arts and Sciences Kailan Rose Martin, Canton Cum Laude Paris Trent McGee, Jr., West Haven, CT Charles Samuel Militello, Honeoye Falls, NY Cum Laude Todd Jason Neer II. Columbus Amanda Jo Parrish, Dover Maana Cum Lau Kayleen Dawn Del-Rio Petrovia, Sumter, SC Maana Cum Laude with Honors in the Arts and Sciences Jacob Thomas Rahe, Pemberville Chase-Anthony Ray, Atlanta, GA Abigail Elizabeth Rice, Lancaster . Magna Cum Laude Sydney Elise Riddle, Solon Mikael Adam Robbins, Hamilton Magna Cum Laude with Honors in the Arts and Sciences Rut Niza Daneyliz Rodriguez, Fresno Cum Laude with Honors in the Arts and Sciences Sonia Selvakumar, Columbus Magee Belle Sprague, Ashville Bryan Victor Suarez, New Milford, NJ Edward Morris Sutelan, Norfolk, VA Zachary David Varda, Columbus Summa Cum Laude Alyssa Cailyn Werner, Newark **Bachelor of Art Education** Trinity Kaitline Arend, Marion Kali Renee Beatty, Marion Brea Nicole Berry, Youngstown Jessica Michelle Bowlby, Logan Magna Cum Laude Dana Farrell Gillman, Plainview, NY

Daniel Fernando Higuera, Columbus Mogna Cum Laude Natalie Hyde, Hamilton Mogna Cum Laude Sarah Nicole Kenney, Ashville Francesca Miller, Columbus Erika Madisen Moore, Columbus Magna Cum Laude Sophia Margaret Strazinsky, Chardon Magna Cum Laude Adelynn Rose Torchia, Rochester, NY Magna Cum Laude Eric M. Velez, Westerville Taryn Rae Vest, Troy Summo Cum Laude

## Bachelor of Fine Arts

Sarah Beth Adams, Bucyrus Carmen Estelle Allen, Hilliard Maana Cum Laude Ryan Anthony Backs, Lima Sara Isabella Barile, Greensboro, NC Maana Cum Laude Ibraheem Basree, Columbus Thomas Hall Batchelor, Brooklyn, NY Ethan Beverly, Kenton Hazel Virginia Black, Dayton Magna Cum Laude with Honors in the Arts with Distinction in Dance Zoe Brinkmiller, Cincinnati Summa Cum Laude Ashten Paige Brooks, Rio Grande Mason Alexander Chapello, Strongsville Summa Cum Laude Caroline Kimes Chelovitz, Akron Cum Laud Renee Lynn Cheng, Mansfield Cum Laude Amanda Marie Colangelo, Suffield, CT Summa Cum Laude Nicholas Charles Cunningham, Lima Kali Marie Czekaj, Huron Maana Cum Laude Laura Nicole DeAngelis, Warren, NJ Magna Cum Laude with Distinction in Dance Gretchen Engelbrecht, Columbus Maana Cum Laude Abigail Rose Frank, Delaware Summa Cum Laude Elizabeth Ann Frankland, Worthington Margaret Kate Garland, Springboro Magna Cum Laude Alexander Hodowanec, McKees Rocks, PA Cum Lauda Emily Arden Jones, Louisville, KY Cum Laud Kelsey Faith Kempner, Dacula, GA Summa Cum Laude with Distinction in Dance Cody James Krause, Quakertown, PA Caroline Alina Maddex, Columbus Cum Laud Julia Lucy Mattis, Cincinnati Cum Laude with Honors in the Arts with Distinction in Art Jordan Elizabeth McDowell, Leonardtown, MD Summa Cum Laude Kathleen Nicole Michailuk, Berea Cailey Briana Moore, St. Clairsville Atticus Nathaniel Murphy, Pickerington

Cum Laude Onjelee Marie Phomthirath, Reynoldsburg Alizé Hope Raptou, Columbus Summa Cum Laude Brianna Monique Anderson Rhodes, Dayton . Maana Cum Laude with Distinction in Dance Maxi Adia Riley, Cleveland Summa Cum Laude Michael Camilo Saari, Gahanna Cum Laude Paige Alexis St. John, Avon Summa Cum Laude Ryan Paulsen Stoneberger, Cincinnati Summa Cum Laude Mark Andrew Stursa, London Magna Cum Laude Marissa Mei-Lin Thomas, Cleveland Summa Cum Laude Abbey Turner, Perrysburg Magna Cum Laude Niasha Whitfield, Cleveland Brittney Williams, Cincinnati Cum Laude Erika Kaitlyn Wyant, Gahanna Cum Laude Sixuan Zhu, Shangyu, China with Distinction in Art

#### **Bachelor of Music**

Hannah Bachmann, Columbus Magna Cum Loude Stephen Michael Forster, Dayton Cosmos Peter Fristachi, Virginia Beach, VA Summa Cum Loude Ethan Douglas Hitch, Hilliard Lee Anthony Kolarik II, North Ridgeville Cum Loude Brooklyn Rose Ludlow, Columbus Summa Cum Loude Thomas Devin Petrushka, Johnstown Cum Loude Alexander Michael Priest, Pickerington Michael Luis Rueda, Parkville, MD Cum Loude

## **Bachelor of Music Education**

Austin James Ahlborn, West Chester Magna Cum Laude with Honors in the Arts with Distinction in Music Education Keaton Aldrich, Chelsea, MI Maana Cum Laude with Honors in the Arts Anna Ginand Baker, Columbus Maana Cum Laude William Carlson, Glen Ellyn, IL Cum Laude Phillip Claassen, Hamburg, NY Maana Cum Laude Scott Fasone, Groveport Cum Laude Cody Jared Hawkins, Massillon Magna Cum Laude Rachel Marie Howard, Gahanna Margaret Elizabeth Mueller, Chesterfield, MO Summa Cum Laude Adam James Murray, Brook Park Tiana Ninic, Oswego, IL Magna Cum Laude Jason Ray Nippert, Dublin Maana Cum Laude

Grace Hailey Nowacek, Cleveland Cum Loude Tanner James Otto, Moorhead, MN Magna Cum Loude Nicholas Joseph Vermilye, Williamsville, NY Cum Loude Melissa Elena Zepeda, Sterling, VA

## **Bachelor of Science in Design**

Adrianna Rose Andretta, Parkland, FL Cum Laude Sebastián Boloña, Guayaquil, Ecuador Samantha Christine Bonner, Lafavette, IN Mengting Chen, Solon Cum Laude Sarah Mae Chizever, Worthington Maana Cum Laude Gabrielle Christine Ciminello, Westerville Magna Cum Laud Manuel Cuellar, Dayton Joel Leslie Daniel, Vandalia Cum Laude Amanda Lynn Dues, St. Marys Cum Laude Alessia Amaya Espejo, Lima, Peru Summa Cum Laude with Distinction in Industrial Design Isabella Mae Esposito, Stamford, CT Maana Cum Laude with Distinction in Industrial Design Emily L. Ettl, Columbus Cum Laude Amber Marie Ferko, Centerburg Cum Laude Sara Anne Fullenkamp, Dayton Cum Laude Alec J. Gonos, Cincinnati with Honors in the Arts Abbey McKenzie Gustafson, Mason Samantha Grace Hanna, North Royalton Summa Cum Laude Madison Alexis Hartman, Deshler Maana Cum Laude Christopher Ryan Heaney, Pickerington Emily Catherine Heslop, Lewis Center Magna Cum Laude Stephanie Homan, St. Henry Maana Cum Laude Megan Elizabeth Imwalle, Fort Loramie Cum Laude with Research Distinction in Industrial Desian Shiyue Jiang, Nanjing, China Taewan Kim, South Korea Tiffany Lau, Columbus Zhijie Liu, China John Ryan McClain, Cleveland with Distinction in Industrial Desiar Lauren Nicole Moeller, Cincinnati Cum Laude Harrison Reed Moshier, Reynoldsburg Cum Laude with Research Distinction in Industrial Desian Kevin Patrick Murray, Columbus Shawn Anthony Neal, Pickerington Cum Laude Abigail Katherine Paden, Canton Čum Laude Allison Rose Perpar, Cleveland Lauren Jeannette Purdin, Fairborn Ruozhang Qian, Hefei, Anhui, China Magna Cum Laude Olivia Rose Ryan, Barrington, IL Summa Cum Laude Elliott William Schoolcraft, Reynoldsburg 55

Chloe Lynn Stebelton, Ashville Summa Cum Laude Kassi Sturgill, West Chester Magna Cum Laude Lyndsay Renee Sweet, Westerville Magna Cum Laude Erin Nicole Teich, Rochester, NY Cum Laude Kelia Todd, Cleveland Cum Laude Lauren Elizabeth Voiers, Westlake Abigail Catriona Fenton Yerger, Bryn Mawr, PA Maana Cum Laude Yushi Zhao, Shenzhen, China Cum Laude Noelle Edith Rose Zies, Dublin Maana Cum Laude

#### Bachelor of Science in Atmospheric Sciences

Vincent Joseph Bryan, Medina Morgan Leigh Clark, Groveport Grace Devine, Haddonfield, NJ Cara Morgan Gregg, West Chester Summa Cum Laude Andrew Hutchman, East Liverpool Casandra Kelly, Cleveland Sean C. Roberts, Columbus Joshua Caleb Steiner, Antwerp Cum Laude James Harold Rader White, Akron Summa Cum Laude with Honors inte Arts and Sciences with Honors Research Distinction in Earth Sciences

#### Bachelor of Science in Geographic Information Sciences

Andrew Michael Adkins, Cleveland Wajihah Baig, Cincinnati Andrew Michael Barlage, Columbus Alexander Paul Bryan, Monroe Drake Cassel, Houston Bailey Michael Cross, Akron Jacob Adam Douglass, Beachwood Beniamin Thomas Geers, Hilliard Mackenzie Elizabeth Gilliland, Burton Cum Laude Robert Joseph Goble, Grove City Wyatt Steven Guthrie, Columbus Jesse Haro, Santa Clarita, CA Grant W. Hinshaw, Findlay Cum Laude Keith Douglas Hubbard II, Cleveland Rachel Ester Katsman, Mayfield Heights Kyle Alexander Keaton, Hilliard Corey Kennedy, Lancaster Daniel Stephen Kiec, Chesterland Nicholas Kariuki Kinyanjui, Nairobi, Kenya Justin Kisare, Dublin Matthew Thomas Kolke, Streetsboro Henry Bale Koster, Bay Village Evan Robert Kraus, Gahanna Zhouxing Liao, Suzhou, China John Harvey Miller, Columbus Jacob Michael Newbright, Piqua Kyle Johnathan Phillips, Daly City, CA Cody Rhodes, Canal Winchester Joseph Emmett Edward Roach, Huntsburg David Harrington Seeley, Cleveland 56

Keith Dwayne Speed II, Cleveland Tyler Stohr, Dublin Ruiyu Tan, Dongying, China *Cum Laude* Xiaoran Wang, Jinan, China

Magna Cum Laude

# **Bachelor of Science**

Sogand Isabella Abbasi, Columbus Cum Laude lain Scott Abbott II, Loveland Jamal Abdalla, Columbus Joseph Angelo Abdalla, Wellsville Salma Abdel-Aziz, West Chester Barento Abdurehman, Columbus Muath Abubaker, Jeddah, Saudi Arabia Deanna Abukaff, Pickerington Ahmad Abusharkh, Powell Emily Anna Ackerman, Dayton Valeria Viviana Acuna, Marion Cum Laude with Research Distinction Audriana Bernadette Adams, Celina Rebecca Marie Adams, New Albany

Nubecco Honice Additionali Addebisi, Milton, GA Hilola Scarlett Adham, Cincinnati Zialesi Win Adissem, Marion Asia Briana Adomanis, Beavercreek Josef Scott Affourit, Springboro Shivam Agrawal, New Delhi, India with Research Distinction In Economics Nehaal Hassan Ahmed, Sylvania Magna Cum Laude

Raveed Ahmed, Dublin Spencer Andrew Aidt, Dayton Cum Laude

with Honors in the Arts and Sciences Petra Ajaka, Toledo Chukwukwesiri Chisimnuria Akaeze, Dublin Nehman Akhtar, Brooklyn, NY Rafsana Akhtar, Khulna, Khulna, Bangladesh Maekenzie Elaine Alba, Van Wert Maana Cum Laude Evan Albert Alexander, Galloway Mason Edwin Alexander, Alexandria Andrew Michael Alfred, Worthington Maana Cum Laude Ibraheem Ali M Aljarboua, Riyadh, Saudi Arabia Magna Cum Laude Muhassad Alaa Aljumaili, Hilliard Olivia Fae Allison, Ipswich, MA Cum Laude Alexandria Katherine Alpy, Hilliard Brianna Alves, Succasunna, NJ . Magna Cum Laude Raisa Amin, Dhaka, Bangladesh Cum Laude Anthony Amrozowicz, Gurnee, IL Kyle Amyx, Atlanta, GA Hashem Anabtawi, Upper Arlington Magna Cum Laude Bryce C. Anderson, Springboro Rebecca Lynn Anderson, Van Wert Summa Cum Laude with Research Distinction in Farth Sciences Eliza Ansar, Lahore, Pakistan Cum Laude with Research Distinction in Neuroscience

Carl Joseph Apicella, Richfield

Lila M. Appaya, Powell Maana Cum Laud Paige Elizabeth Aguino, Powell Vaishnavi Aradhyula, Northville, MI Drew M. Arbogast, Wooster Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Evolution and Ecoloav Jazmin Elaine Arce, Pasedena, MD Brandon Armao, Mentor Cum Laude Daniel Alexander Arnaut, Chesterland Summa Cum Laude with Honors in the Arts and Sciences Connor Kneer Aronoff, Cincinnati Gavin Matthew Aten, Akron Summa Cum Laude Ryan Atwell, Sykesville, MD Magna Cum Laud Taylour Aungst, Bowling Green Kent Adam John Axcell, Westlake Cum Laude Ryan Clark Ayzman, Pepper Pike Cum Laude Rosevine Achakrow Azap, Brunswick Olivia Tyra Babich, Harmony, PA Cum Laude with Honors in the Arts and Sciences Hannah Bachmann, Columbus Magna Cum Laude Jong Beom Baek, Solon Jonathan Conrad Baetz, Marysville Magna Cum Laud Samuel David Bailey, Loveland Maryam Amir Bainazar, Columbus Cum Laude with Honors in the Arts and Sciences Emma Elizabeth Baker, Kirtland Maana Cum Laude with Honors in the Arts and Sciences Kaitlin Renea Baker, Athens Maana Cum Laud Matthew Robert Ellsworth Baker, Naperville, IL Cum Laude Rachel Mary Baker, Delaware Scott David Baker, Carroll Aissatou Binta Balde, Conakry, Guinea Samantha Joy Baldridge, Springboro Magna Cum Laude Ruihan Bao, Chengdu, China Cum Laude Ethan Gilliam Barhorst, Dayton Hannah Dayle Barker, Columbus Maana Cum Laude with Honors in the Arts and Sciences Landon Joseph Lee Barker, Piketon Alexandria Elizabeth Barkhimer, Whitehouse with Research Distinction in Psychology Wesley Ryan Barnhart, Columbus Cum Laude David Raymond Barrett, Gahanna Emily Barrett, Pleasanton, CA Hannah Michele Barrett, San Marcos, CA Dylan N. Barron, Miami, FL Graham Christian Bartels, Cincinnati Magna Cum Laude with Research Distinction in Psychology Meghan Noelle Bartos, Palatine, IL Magna Cum Laude with Honors in the Arts and Sciences Alyssa Lee Bauder, Plymouth, MI Magna Cum Laude

John Michael Baus, Huron

Thomas Robert Beachy, Columbus Karen Beaty, Goldens Bridge, NY Cum Laud Dylan Beaulieu, Merrimack, NH Amelia Rose Beausoleil, Fairbanks, AK Samantha Anne Beck, Middleton, MA Maana Cum Laude with Honors in the Arts and Sciences Alexandra Marie Belardo, Lakewood Kara Brianna Belfer, Solon Jonathan Lynn Bell, Knoxville, TN Cum Laude with Research Distinction in Earth Sciences Jorden Joseph Bendler, Huntsville Jennifer Marie Benedict, Winchester, MA Cum Laude with Honors in the Arts and Sciences Miriam Elana Bennett, Cleveland Maana Cum Laude with Honors in the Arts and Sciences Roland Arlo Bennett, Athens Laura Bentley, Roundhead Cum Laude Andrew Benvenuto, Morristown, NJ Summa Cum Laude Max Louis Berk, New Albany Lucille Anne Berkes, Columbus Cum Laude Isabelle Clara Berrisford, Leeds, England Carina Marie Bertolini, Columbus Cum Laude Zariyah Bertram, Jamaica, NY Shivangi Bhardwaj, Queens, NY Magna Cum Laude Siddharth Venkatesh Bhindwallam, New Albany Kassidy Rae Bickley, Poland Jeremy Monroe Bilfield, Orange Village Maana Cum Laude with Honors in the Arts and Sciences Elise Ethelyn Billisits, New Albany Kayla Marie Binkley, Pataskala Wani Amira Binti Mustafa, Ampang, Malaysia Magna Cum Laude Michael George Bischof, Chesapeake, VA lan Black, Munroe Falls Robert Cornell Blake, Moreland Hills Fernando Blank Viadero, Findlay Magna Cum Laude Sarah Anne Blausey, Elmore Emily Elizabeth Blegvad, Granville Cum Laude Melanie Jordan Blumenthal, Solon Cum Laude Monica Board, Glen Ellvn, IL Edward Micheal Boerstler, Heath Madeleine Campbell Bogard, Cincinnati Amber Jolene Bollinger, Little Hocking Duncan Joseph Bonacuse, Westerville Mason Anthony Bonitz, Medina Emily Bopp, Carmel, IN Summa Cum Laude with Honors in the Arts and Sciences Bryce Wellner Boron, Strongsville Cum Laude with Research Distinction in Psychology Benjamin David Boughton, Blue Ash Cum Laude with Honors in the Arts and Sciences Baylee Scout Bowman-Gibson, Liberty Township Magna Cum Laude Camille Faith Bratton, Wellington Cum Laude

Alec Warren Braund, Sagamore Hills Maana Cum Laude with Honors in the Arts and Sciences Angela Anne Brekalo, Kirtland . Summa Cum Laude with Honors in the Arts and Sciences Caroline Jean Brentz, Evanston, IL Magna Cum Laude Lindsay Marie Breslin, Kettering Cum Laude Maximilian D. Brockwell, Maineville Cum Laude Megan June Broughton, Marietta Cum Laude Madison Kayla Brown, Strongsville Maana Cum Laude with Honors in the Arts and Sciences Rachel Madison Brown, Lexington, KY Ryan Tanner Brune, Athens Cum Laude Kimberly Ann Brunney, Lancaster Brandon Edward Bryan, Archbold Cum Laude Justin Tate Bryant, Cincinnati with Research Distinction in Molecular Genetics Eric Bryce, Cincinnati Cum Laude Seth Michael Bryson, Greenville with Research Distinction in Earth Sciences Alexandru Buga, Salem Hayley Rose Bukala, North Olmsted Cum Laude Sabrina Yasmin Bulas, Cincinnati Summa Cum Laude Hannah Rose Bulgart, Village of Lakewood, IL Ceimoani Bumrah, Perrysburg Sarah Elizabeth Burens, Brook Park Magna Cum Laude Elizabeth Burke, North Bend Jasiit Kaur Butalia, Dublin Cum Laude Linshan Cai, Kunming, Yunan, China Ellen Cainsford-Betty, Houston, TX Caroline Grace Caldart, Avon Lake Maana Cum Laude with Honors in the Arts and Sciences Grace Victoria Calhoun, Franklin, TN with Research Distinction in Anthropological Sciences Stuart Calkins, Chardon Austin James Campbell, Huron Summa Cum Laude Grace Elizabeth Campbell, Mechanicsburg Maana Cum Laude Jesse Peter Cannella, Columbiana Maana Cum Laude Yiwen Cao, Chengdu, Sichuan, China Cum Laude Salvatore Geiser Caradonna, Powell Maana Cum Laude Jack Leonard Carey, Jamesville, NY Magna Cum Laude with Honors in the Arts and Sciences Nathaniel G. Carlucci, Gahanna Cum Laude Mary Katherine Carney, Chesterland Cum Laude Caroline Christine Carroll, West Chester Maana Cum Laude Matthew Austin Cavallo, Cincinnati Dustin Tyler Chandler, Hilliard Chelsea Chang, Staten Island, NY Cum Laude Vivian Chang, Johnson City, TN Cum Laude Loren Jo Ann Cook, Mount Vernon with Research Distinction

Aakriti Chaudhry, Lewis Center Adam Neil Chen, Perrysburg Summa Cum Laude Ben Chen, Yichang, China Summa Cum Laude Boyang Chen, Luoyang, China Jiapei Chen, Jinan, China Maana Cum Laude Monica Chen, Severn, MD Wei-Li Chen, Koahsiung City, Taiwan Summa Cum Laude with Research Distinction in Economics Sidi Cheng, Fuzhou, China Summa Cum Laude Ann Christine Chessler, Canton Maana Cum Laude Kati Chi-Kei Cheung, Westerville Ashley Chhabra, Long Island, NY Ashma Chhetry, Glendale Neejad Tarek Chidiac, Dublin Summa Cum Laude with Honors in the Arts and Sciences Emma Rose Chieppor, Pittsburgh, PA Cum Laude Tommy Chin, Cleveland Alexandru Chiriac, Brasov, Romania Cum Laude Frank Chou, Dayton Cum Laude Max Chou, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Ching Min Bryan Chu, Dublin Yichen Chu, Haining, China Michael Kyujin Chung, Upper Arlington Zachary Brendan Churilla, Sylvania Olivia Leah Ciupak, Morrow Magna Cum Laude Owen Christopher Clady, New Bavaria Summa Cum Laude with Honors in the Arts and Sciences Ryan Joseph Clark, Cleveland Cum Laude Sydney D. Clark, Columbus Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Psychology Ana Clavijo, Westerville Cum Laude Brandon Alexander Cole Clay, Newark Sydney Michelle Clough, Madison Summa Cum Laude with Honors in the Arts and Sciences Haley Elizabeth Cloyd, San Diego, CA Zane Michael Clymer, Troy Francesca Teodora Cocchiarale, Columbus Cum Laude Jacob Allen Cohn, Rancho Palos Verdes, CA Kevin Andrew Cole, Cincinnati Alexandria Maria Colella, New Waterford Desmond James Coles, Upper Arlington Summa Cum Laude with Honors in the Arts and Sciences Ana-Maria Colina, Silver Spring, MD Cum Laude with Honors in the Arts and Sciences Karli Nicole Collins, Alliance Amber Brianne Collinson, Normal, IL Summa Cum Laude with Honors in the Arts and Sciences Shannon Rae Coniglio, Mount Gilead Maeve Douglass Conway, Cincinnati

Lauren Ann Coppens, Manhattan, IL Jordan Elliott Coppess, Hilliard Alexa Rae Coressel, Archbold Taylor Brooke Corns, Reynoldsburg Arielle Alexandra Marie Cottrell, Alexandria Haley Elizabeth Coughlin, Westerville Sidney Cowart, Wooster Chloe Madison Cox, Marion Austin Scott Crawford, Cuvahoga Falls Michael Crawshaw, Mason with Honors in the Arts and Sciences Nicholas Crescimanno, Canfield Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Physics Ignacio Criado Madrid, Castellón, Spain Elizabeth Ann Crisler, Dayton Emily Nicole Crock, Granville Cum Laude Alexander Crum, Wheeling, WV Magna Cum Laude Jennifer May Cullers, Fairfield Brianna Nichole Cunningham, Cleveland Ryan William Czarnecki, Algonquin, IL Cum Laude with Honors in the Arts and Sciences Gianna Catherine D'Apolito, Canfield Rachel Elizebeth Joy Dalke, Madison Cum Laude Grace Catherine Danby, Granville Cum Laude Robert Joseph Daniel, Delaware Summa Cum Laude with Research Distinction in Economics Nathan Robert Danish, Davton Cara Marie Dauch, Wapakoneta Hannah Nicole Daugherty, Hamilton Mudra Milind Dave, Trov Adam Christian Davidson, Granville Brielle Kaitlyn Davidson, Land O' Lakes, FL Alice Claire Davies, Kingston, NY Maana Cum Laude Andrew Davis, Grove City Muriel Reid Dawson, Annapolis Cum Laude Cristin Aileen Day, Columbus Heather Misty De La Vega, Celina Victor Israel De Leon, Akron Cum Laude Nadia Alexandra Debick, Chagrin Falls Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Anna Virginia Deems, Dover Summa Cum Laude Katherine DeLap, Uniontown Summa Cum Laude Demetra Demopoulos, Palatine, IL Yu Deng, Beijing, China Dakota Rudy Denney, Anna Leslie Renee DeShane, Macedonia Damien C. Desmond, Racine Bernadette Dezso, Cleveland with Honors in the Arts and Sciences Aastha Dhakal, Cleveland Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Brendan Dickson, Coshocton Courtney Nicole DiDonato, Ashtabula

Cum Laud Joseph Alexander Dimitrijevs, Brecksville Summa Cum Laud Ruolan Ding, Beijing, China Maana Cum Laude Antonia Elizabeth DiPietro, North Canton Maana Cum Laude with Honors in the Arts and Sciences Daniel John Dodd, Baltimore Cum Laude Claire Marie Dodson, Columbus Maana Cum Laude Zoe Marie Dolcimascolo, Tampa, FL Cum Laude Jessica Doleh, Newburgh, IN Cum Laude Brinda Dollu, Palatine, IL Erin Grace Dolvin, Knoxville, TN with Honors in the Arts and Sciences John Domini, Pickerington Maana Cum Laude with Honors in the Arts and Sciences Annika Odessa Marie Doneghy, Columbus Taylor Elizabeth Donovan, Kettering Tyler Dosen, Broadview Heights Maana Cum Laude Zachary Charles Dowley, Delaware Sarah Elizabeth Dowling, Columbus Jenna Downard, Canal Winchester Cum Laude Keegan Robert Doyle, Cincinnati Catalin Dragomirescu, Strongsville Abigail Elizabeth Dresser, Sandusky Maana Cum Laude Chenghao Du, Yangzhou City, China Kelly Rose Dubay, Novi, MI . Cum Laude Amber Kay Dunkle, Pataskala Bronwen Jean Durandt, Oakville, Canada Nathaniel Ben Dusseau II, Toledo Julia Elizabeth Dziabis, Addison, IL Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Neuroscience Kira Joy Eaton, East Hartford, CT with Research Distinction in Earth Sciences Yara K. Edor. Dublin Farida Wael Eid, Mason Summa Cum Laude with Honors in the Arts and Sciences Jeremy Johnny Eid, Toledo Maana Cum Laude Dania Lynn El-Shaar, Akron Jacob Daniel Eley, Delaware Cum Laude Sarah Jessica Eley, Akron Summa Cum Laude with Honors in the Arts and Sciences Lana Isam ElSenussi Elgaddafi, Benghazi, Libya Cum Laude Rania Otman Elkon, Dublin Magna Cum Laude Mackenzie Morgan Elrod, Sylvania Maana Cum Laude with Honors in the Arts and Sciences Maria Lynn Emery, Dayton William Jamal Emmanuel, Grove City Cum Laude Erin Renee Engstrom, Harrison Kyle Brandon Erbland, Massillon Cum Laude 57

Samantha Marie Dietz Northfield

Amanda Nicole Diedrich, Marysville

Gabrielle Francesca Ernst Loveland Cum Laude Maria Carissa Escoe, Cincinnati Maana Cum Laude Alexis Marie Espinal, Akron Magna Cum Laude with Honors in the Arts and Sciences Brian William Evans, Aurora Samuel Mark Evans, Hudson Austin Michael Ezzone, Bowling Green Cum Laude Kyle James Fallon, Hilliard Philip Liwei Fan, Cincinnati Summa Cum Laude Zhipeng Fan, Beijing, China Summa Cum Laude Riley Maya Fanning, Cincinnati Lindsey Marlene Fechtel, Strongsville Cum Laude Jared Thomas Fehlman, Massillon Maana Cum Laude with Honors in the Arts and Sciences Michael Andrew Figliuolo, Dublin Cum Laude Lizbeth Aimara Figueroa, Tiro Magna Cum Laude Sergey Filimonov, Powell Olivia Mary Fink, Dayton Tyler Jacob Finnegan, Pataskala Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Chemistry Erin Marie Finneran, Hilliard Cum Laude Jack David Fioretti, Little Silver Andrew Tyler Fischbach, St. Marys Cum Laude Grace Marie Fishback, Williamsburg with Research Distinction in Psychology Anna Leigh Fisher, Beavercreek Cum Laude Connor Andrew Flanagan, Loveland Magna Cum Laude Tessa Flattum, Garrettsville Maana Cum Laude Joelle Fleming, Rocky River Keenan Fleming, San Diego, CA Nathan Richard Fletcher, Strongsville Magna Cum Laude Dominic Michel Flournoy, Circleville with Research Distinction in Astronomy and Astrophysics Katelyn Nicole Flowers, Grove City Alyssa Fogolin, Hendersonville, TN Magna Cum Laude Samuel Joseph Foias, Columbus Stephen Michael Forster, Dayton Marie Celina Fort, Cincinnati Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Vincent Dominico Forte, Richmond Heights Samantha Amber Fox, Centerville Maana Cum Laude Nicholas John Frankowski, Cincinnati Cum Laude Kathleen Freund, Pepper Pike Magna Cum Laude with Honors in the Arts and Sciences Matthew Earl Frey, Naperville, IL Magna Cum Laude Tori Mae Fricker, Massillon Magna Cum Laude Brandon Michael Fronczak, Glen Mills, PA Meave Linz Fryer, Cincinnati

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Sara Fuetter Canton Mark Kenneth Fugate, Pickerington Jarrod Fyie, Lancaster Summa Cum Laude with Honors in the Arts and Sciences Emilee Christine Gaitten, Powell Kyle Gallagher, Lockport, IL Cum Laude Jason Edward Galloway, Worthington Summa Cum Laude with Research Distinction in Molecular Genetics Chelsie Elizabeth Galo, El Progreso, Yoro, Honduras John Richard Ganger, Chagrin Falls Maana Cum Laude with Honors in the Arts and Sciences Tierney Gannon, Lockport, IL Stephen Edward Gant, Canfield . Summa Cum Laude with Honors in the Arts and Sciences Mingyuan Gao, Guangzhou, China Cum Laude Shengbo Gao, China Thomas Zhang Gao, Dublin Summa Cum Laude with Honors in the Arts and Sciences Xuyao Gao, Beijing, China Maana Cum Laude Yixuan Gao, Pittsfield, MA Joshua Richard Garmatter, Bluffton Maana Cum Laude Helena Grace Gastier, Wooster Kazoto Fabrice Gbah, Ivory Coast, West Africa Rachel Erin Gebka, Roselle, IL Maana Cum Laude Andrew Cheung Geisel, Springboro Cum Laude Paul François Marvin Georgin, Oakwood Maana Cum Laude Michael Joseph Gerace, Bay Village Mallory Pamela Geresy, West Chester Jeanine Gardane Gezelle, West Friendship, MD Maana Cum Laude Amrit Ghuman, Twinsburg Spencer Maxwell Gibbs, Sunbury Noah Wallace Gibson, Sunbury Magna Cum Laude with Research Distinction in Economics Lisa Marie Gies, Huron Magna Cum Laude with Research Distinction in Psychology Frederick William Giessler III, Leesburg, VA Maana Cum Laude with Honors in the Arts and Sciences Connor Steven Gifford, Columbus Ryan Courtney Gifford, Marysville Ross Glendinning, Evergreen, CO Maisy Annette Glockner, Portsmouth Mark David Gnatowski, Jr., Hilliard Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in History Jordan Godfrey-Stovall, Katy, TX Annie Rose Goldstein, Solon Alec J. Gonos, Cincinnati William Henry Good, Mount Lebanon Daniel Aras Goodman, La Porte, IN

Devin James Goodson, Huntington, WV

Peter Gregory Gordineer, York, PA Alec Benjamin Gordish, Harrison City, PA Cum Laude Hawin Moses Gosu, Grove City Rvan Andrew Gott, Florence, KY Suren Renukaradhya Gourapura, Wooster Summa Cum Laude with Honors in the Arts and Sciences Melanie Rose Grady, Canal Fulton Rachel Jacqueline Graf, Cleveland . Maana Cum Laude with Honors in the Arts and Sciences Richard Grant, Shaker Heights Aksels Harijs Grants, Hilliard lan James Gray, Mentor Maana Cum Laude Eric Steven Greenwood, Springboro Magna Cum Laude Shelby Grendel, Dillonvale Jade Danielle Griffey, Olympia, WA Keith Lamont Griffin, Ashtabula Sarah Griffin, Dublin Cum Laude with Honors in the Arts and Sciences Bryce Griffiths, Phoenixville, PA Alivia Jane Grochowski, Toledo Cum Laude Alexander Joseph Grooms, Williamsburg Summa Cum Laude with Research Distinction in Chemistry Kyle C. Grosselin, Dayton Brandon James Grubb, Madison Minrui Gu, Jinhua, China Haley Nicole Guggenheim, Solon Cum Laude Haomin Gui, Naniing, China Cum Laude Dillan Jacob Gump, Piqua Aaron Guo, Dublin Summa Cum Laude with Honors in the Arts and Sciences Qishan Guo, Naperville, IL Summa Cum Laude Zhiyuan Guo, Shanghai, China , Summa Cum Laude with Research Distinction in Astronomy and Astronhysics Douglas V. Guzior, Loveland Cum Laude with Research Distinction in Microbiology Nicholas David Hackstedde, Columbiana Cum Laude Grant Harris Hagglund, Westerville Cum Laude with Honors in the Arts and Sciences Said Haji, Columbus Stephanie Lee Hales, Middleburg Heights Alexis Carolyn Hall, Sidney Elise Wen-Wa Hallenbeck, Cincinnati Magna Cum Laude Jeffrey Paul Hammett, Germantown, TN Katie Hampton, Hamilton, NJ Kaisee Shae Handley, Pataskala Clarissa Ann Lillian Hanson, Columbus Robert Hanson, Rutledge, PA Keith Allen Hansz, Leroy Summa Cum Laude with Honors in the Arts and Sciences Hongxu Hao, Jinan, Shandong, China Magna Cum Laude Hannah Rose Hapner, Clayton Maana Cum Laude

Megan Elise Hardie, Wildwood, MO Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Anthropological Sciences Dariya Hardisky, Columbus Summa Cum Laude with Honors in the Arts and Sciences Andrew Joseph Harley, New Lexington Maana Cum Laude Gaven Michael Harper, Frankfort Summa Cum Laude with Honors in the Arts and Sciences Troy Austin Harper, Springboro Andrew T. Harrell, Dublin Jillian Barbara Harrington, Milford Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Jacob Harris, Dublin Joel Harris, Springboro Magna Cum Laude Johan Elliott Harris, Loveland Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Andrew Jacob Harrison, Gainesville, GA Samuel Timothy Hartman, Coraopolis, PA Taylor Nicole Hassel, Olmsted Falls Kayla Renee Hatfield, Logan Kelly Eileen Hayes, Strongsville Magna Cum Laude Qiumeng He, Shandong, China Magna Cum Laude Xin He, Beijing, China Kayla Klar Heacock, Grove City Magna Cum Laude Sara Hearn, Lexington, KY Holly Suzanne Heffer, Fairport, NY . Cum Laude with Research Distinction in Sociology Rana Refaat Hegazi, Dublin Callum Noel Henderson, Marlborough, CT Maana Cum Laude Caroline Hendy, Liberty Township Maana Cum Laude Adriene Nichole Henery, Lorain Katlynn Hennessey, Orwell Madeline Jane Herrmann, Beavercreek Cum Laude Jennifer Lynne Hicks, London Alexander James Hill, Dublin Maana Cum Laude Christine Kenda Hill, Londonderry Nathan William Hill, Gambier Alyssa Paige Hoadley, Mason Magna Cum Laude William Edward Hoffer III, Maineville Cum Laude with Honors in the Arts and Sciences Emilie Anne Hogan, Elyria Madison Grace Holdsworth, New Richmond Phillip George Holovach, Garfield Heights Olivia Margaret Holzmacher, Mason Flora Yoojung Hong, Dublin Summa Cum Laude with Honors in the Arts and Sciences Jessica Hoopengardner, Spiceland, IN Magna Cum Laude with Honors in the Arts and Sciences Jennifer Nicole Hoppert, Perry Benjamin Anthony Hoste, Perrysburg Magna Cum Laude with Honors in the Arts and Sciences

Aseel M Houmsse Dublin Alexandra Ann Hovanec, Strongsville Antonyo Aaron Howard, Bedford Austin Howard, Geneva Cum Laude Olivia Rose Howard, Fairview Park Maana Cum Laude with Honors in the Arts and Sciences Peter Hsu, East Setauket, NY Maana Cum Laude Gloria Zhongmin Hu, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Yizhen Hu, Changsha, China Maana Cum Laude Lauren Dale Huffman, Marietta Joshua Tod Hug, Liberty Center David Breen Hughes, Youngstown Magna Cum Laude Christopher Joseph Hull, Cleveland Beau Weston Humphrey, West Liberty with Research Distinction in Earth Sciences Seth Evan Huprich, New Philadelphia Bryson Alexander Hurd, West Portsmouth Megan Anne Hutchison, Nacogdoches, TX Cum Laude Emily Rose Hyslop, Chesterland Summa Cum Laude Alexander Imas, Brooklyn, NY Maana Cum Laude Sayali Milind Inamdar, Mason Lukas Indre, Brunswick Rachael Mackenzie Ingle, Hilliard Summa Cum Laude Hafza Ali Inshaar, Hilliard Summa Cum Laude with Honors in the Arts and Sciences Wilo Abdul Issack, Balanbale, Somalia Cum Laude William Larkin Iversen, Sun Valley, CA Magna Cum Laude Kavli Rose Jahlonski Brecksville Emilee M. Jackson, Columbus J'Mauri LeeAntoinette Sahar Jackson. Lewis Center Cum Laude Bryan Michael Jagoe, Milford, CT Cum Laude Fatima Warda Abas Jama, Dublin Cum Laude Sanhita Jana, Fairlawn Laura Nicole Janakiefski, Cincinnati Summa Cum Laude Drew Iver Jansson, Orlando, FL Cum Laude Amelia JoAnn Jarboe, Cincinnati Cum Laude Se Eun Jeon, Suwon, South Korea Ruiying Jiang, Zhongshan, China Cum Laude Steven De Wen Jiang, Cleveland Cum Laude Corey Alexander Johnson, Chesapeake Jaelyn Ann Johnson, Etna Jillian Johnson, Lancaster Allicyn Renee Jones, Deshler Daniel William Jones, Blacklick Summa Cum Laude Jasmine Jenae Jones, Cleveland Tyler Paul Jones, Powell Cum Laude

Anant Joshi Columbus Harold Kahler Tipp City Summa Cum Laude Casey Jo Kaiser, Hilliard . Cum Laude Angela Johnny Kaissieh, Centerville -Cum Laude with Honors in the Arts and Sciences Isabel Anne Kalafatis, Shaker Heights Cum Laude with Honors in the Arts and Sciences Samuel Andrew Kalnitsky, Solon Summa Cum Laude with Honors in the Arts and Sciences Meghan Carrigan Kammerdeiner. South Riding, VA Cum Laude Esther Kang, Safety Harbor, FL Parviz Kanga, Broadview Heights Summa Cum Laud with Honors in the Arts and Sciences Henry Thomas Karagory, Worthington Summa Cum Laude Jacob Lee Karla, Chardon Abbey Elizabeth Karlock, Canfield Magna Cum Laude Hannah Elizabeth Kasson, Grandview Heights Torey Michelle Katzmeyer, Columbus Summa Cum Laude Brady Kaucic, Chardon Cum Laude Zachary Joseph Kauffman, Hilliard with Research Distinction in Molecular Genetics Kaitlin Angelina Kaye, North Canton Cum Laude Ashley Ginette Keenan, Ashtabula Summa Cum Laude with Research Distinction Megan Diane Kees, Wilmington Caullin B.R. Keith, Toledo William Pearson Kelly, Westerville Kelsey Faith Kempner, Dacula, GA Summa Cum Laude Collin Michael Kendall, Bay Village Noah Micah Key, Columbus Corey James Keyser, Collierville, TN Summa Cum Laude with Honors in the Arts and Sciences Maham Javed Khan, Hilliard Ridah Maryam Khan, Dublin Camryn Marie Kiel, Perrysburg Magna Cum Laude Han Gil Kim, Dayton Miki Kim, Columbus Nathan Thomas Kiniyalocts, Cincinnati Aaron J. Kinnear, Hilliard Cum Laude Candice Klepinger, Tipp City Emilie Ann Klevenow, Oak Creek, WI Cum Laude Karl James Klopfstein, Batavia Maana Cum Laude Chelsey Marie Klosterman, Celina Summa Cum Laude Grace Klosterman, Columbus Rita Antoinett Knasel, Columbus Cum Laude with Research Distinction in Psychology Heather Lynne Kneip, Morrow Magna Cum Laude Daniel William Knight, Cincinnati

Kevin Ryan Knippenberg, Morrow Matthew John Koch, Pittsburgh, PA

Maura Catherine Konchak, Cincinnati Magna Cum Laude with Honors in the Arts and Sciences Austin Lars Krantz, Chagrin Falls Cum Laude Jeffrey Adam Kreindler, Columbus Joseph Edward Krenek, Broadview Heights with Honors in the Arts and Sciences Michael James Krengulec, Ashtabula Anurup Vysakh Krishna, Overland Park Jacob Mark Kroh, Albuquerque, NM with Research Distinction Zachary Joseph Kronick, Medina Summa Cum Laud Alex Lucas Kudart, Marysville Magna Cum Laude Kierstin Anne Kuhns, Cooper City, FL Matthew Kenneth Kusz, Swanton Maana Cum Laude Sarah Elizabeth Kyne, Bellbrook Magna Cum Laude Nicholas Graves Kyriacou, Louisville, KY Magna Cum Laude with Honors in the Arts and Sciences Kain Rylie Lager-Lowe, Gahanna Ali Lahooti, New Albany Summa Cum Laude Shuchun Lai, Guiyang, China Maana Cum Laude with Research Distinction in Psychology Tyler Willson Lambert, Jasper Brenna Lynn Lammers, Findlay Summa Cum Laude with Honors in the Arts and Sciences Luke Alexander Lamorelle, Mason Cum Laude Connor Christopher Lang, Canton Sasha Thomas Larocque, Calgary, Canada Cum Laude with Research Distinction in Farth Sciences Megan Alexandra LaRose, Edwardsville, IL Cum Laude Ahmad Malik Latif, Westerville Carly Rachel Laubach, Bel Air, MD Jacob Damian Lebamoff, Davton Cum Laude Zoe Jean Leciejewski, Hudson Cum Laude Robin Lee, Delaware Cum Laude Zheng Hong Lee, Subang Jaya, Malaysia Abigail Marie Leslein, Logan Cum Laude Arin Coryn Leuchtag, Medina Cum Laude Hillari Manyia Levine, Rancho Santa Margarita, CA Cum Laude Benjamin Michael Levy, Jericho, NY Cum Laude Abigail Sue Lewallen, Upper Sandusky Cum Laude Katherine Nicole Lewis, Hilliard Sina Genevieve Lewis, Fairview, WV Magna Cum Laude Zachary James Lewis, Urbana Alice Li, West Chester Magna Cum Laude Huitong Li, Guangzhou, Guangdong, China Magna Cum Laude Jerry Jinghui Li, Upper Arlington Junhao Li, Nanning, China Cum Laude

Songxia Li, Zhengzhou, China

Suli Li Wuhan China Weijing Li, Beijing, China Maana Cum Laud Yi Li, Chengdu, China Summa Cum Laude with Honors in the Arts and Sciences Yisu Li, Changsha, China Yuanzhe Li, Shijiazhuang, China Yunjia Li, Ningbo, China Cum Laude Ziwen Li, Qinhuangdao, China Maana Cum Laude Ruxin Liang, Kidron Magna Cum Laude Xiaoyu Liang, Guangzhou, China Summa Cum Laude Katherine Rebecca Libby, Sharon, MA Isabella Ainsleigh Liggett, Grove City Cum Laude Shuo Lin, Woodridae, IL Cum Laud Xinyi Lin, Hangzhou, Zhejiang, China Magna Cum Laude Yurun Lin, Shanghai, China Cum Laude Dale Edward Lingo, Marion Kristen BaChan Lippert, Cincinnati Adam Matthew Litzler, Avon Lake Cum Laude Buyun Liu, Chengdu, China . Cum Laude Chang Liu, Shanghai, China Magna Cum Lauc Fan Liu, Beijing, China Magna Cum Laude Mingrui Liu, Chengdu, China Magna Cum Laude Ningyi Liu, Hefei, China Magna Cum Laude with Honors in the Arts and Sciences Ruyuan Liu, China Zhuocheng Liu, Beijing, China Alex Livingston, Brecksville Jarret Scott Logan, Massillon Alexander Robert Logsdon, Upper Sandusky Maana Cum Laude David Lopez, Cincinnati Julia Love, Galena Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Bioloav Taylor Susan Lovejoy, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Marivah A. Lowe, Newark Brenda Alexis Lower, Grandview Heights Summa Cum Laude with Honors in the Arts and Sciences Timothy William Lowry, Cincinnati Magna Cum Laude Matthew Joseph Loxley, Fairborn Magna Cum Laude with Honors in the Arts and Sciences Wen Lu, Ningbo, China Maana Cum Laude Xi Lu. Shenzhen City, China Yulan Lu, Beijing, China Summa Cum La Anna L. Lucas, Loveland Bailey Elizabeth Lucas, Ashley Maana Cum Laude with Research Distinction Aaron Nicholas Lucki, Powell Maana Cum Laude

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Wade Hampton Lukens, Knoxville, TN Cum Laude Annamarie Cecelia Lukish, Baltimore, MD Cum Laude Lin Luo, Hangzhou, Zhejiang, China Cum Laude Yi Luo, Xiangyang, China Derek Robert Lust, Ellwood City, PA Maana Cum Laude Carley Morgan Lutz, Loveland Cum Laude with Honors in the Arts and Sciences Olivia Nicolina Lutz, Cincinnati Alexis Joan Lynch, Laguna Niguel, CA Cum Laude Christopher N. Lysyj, North Royalton Summa Cum Laude Jingyi Lyu, Jinan, China Ziming Ma, Shijiazhuang, Hebei, China Magna Cum Laude Fernando A. Machuca Gautier, San Juan, PR Daniel James Mackessy, Columbus Tricia Jeanne Mackey, West Chester Maana Cum Laude Michael Jess Madson, Newark Jian Mae Mah, Petaling Jaya, Malaysia Kushagra Mahaseth, Upper Arlington Cum Laude with Honors in the Arts and Sciences Isabelle Christine Maher, Venetia, PA Summa Cum Laude Alec Maier, Columbus . Cum Laude Malvika Malik, Grove City John Austin Maloney III, New Hope, PA Samuel James Maloney, Xenia Dimitra Mamaligas, Cincinnati Elizabeth Diona Mancuso, Westlake Cum Laude Jennifer Marie Mandalinich, Canal Fulton Maana Cum Laude with Honors in the Arts and Sciences lan Alexander Mandybur, Cincinnati Cum Laude with Research Distinction in Neuroscience Margaret Dean Manley, Cincinnati Maana Cum Laude with Honors in the Arts and Sciences Sidney Nicole Mann, Cincinnati Pallavi Jaya Mannava, Lewis Center Cum Laude Monica Nasr Mansour, Hilliard Cum Laude Wanting Mao, Shanghai, China Maana Cum Laude Nikol Marchenko, Solon Summa Cum Laude with Honors in the Arts and Sciences Anthony John Marion, North Canton Maana Cum Laude Samantha Marosis, Granville Summa Cum Laude Daniel F. Martinus, Chicago, IL Savannah Lee Marullo, Pickerington Madison Erica Maskalunas, Lake Zurich, IL Kenan Mathews, San Jose, CA Rachel Mary Mathie, Louisville Maana Cum Laude Louis Mauro, Toledo Cum Laude Jonathan Charles Maxwell, Avon

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Ness Mayker, London Cum Laude with Research Distinction in Astronomy and Astrophysics Katelvnn Marie McArtor, Newark Cum Laude Dillon Sean McBride, Lumberton, NJ Maana Cum Laude with Honors in the Arts and Sciences Collin McCabe, Hilliard Connor Lyden McCarthy, Columbus Mitchell James McCarthy, Naperville, IL with Research Distinction in Earth Sciences Ryan MItchell McConnell, Columbus Magna Cum Laude with Honors in the Arts and Sciences Emily Jo McCormic, Lancaster with Research Distinction in Molecular Genetics Jonathan Michael McCormick, Massillon Siobhan Claire McDermott, Cleveland Ellen Margaret McElwain, Upper Arlington Cum Laude Meghan Kathleen McErlean, Park Ridge, IL Steven William McFarland, Northfield Kyle Aaron McGinley, Parsippany, NJ Shannon Danielle McIntyre, Brecksville Maana Cum Laude with Honors in the Arts and Sciences Justin Nicholas McKinnon, Springboro Maeve McLoughlin, Dix Hills, NY Kelsey Ann McMillan, Tampa, FL Sean P. McMullen, Toledo Kellyn Therese McNally, West Chester Bryce Cameron Meade, Lewis Center James Richard Meade, Parma Maana Cum Laude with Honors in the Arts and Sciences Thomas Scott Meade II, Columbus Matthew Mears, Thornville Mitchell Allen Meece, Cincinnati Cum Laude with Honors in the Arts and Sciences Emma Elizabeth Megla, Columbus Magna Cum Laude with Honors in the Arts and Sciences Ruyuan Mei, Beijing, China Andrew Max Melchioris, Avon Lake Summa Cum Laude with Honors in the Arts and Sciences Jason Angelo Melillo, Columbus Summa Cum Laude Danielle Marie Meller, Rossford Cum Laude Catherine Elizabeth Mendel, Groveport Summa Cum Laude Alicia Gabriella Mendoza, Buffalo, NY with Research Distinction Thomas Mengesha II, Westerville Magna Cum Laude with Honors in the Arts and Sciences Anthony David Menzo, Columbus Naomi Layne Merino, Dublin Cum Laude Caitlin Anne Merrins, Farmingdale, NY Claire Merryman, Kettering Ryan Kenneth Messer, Painesville Zachary A. Messina, Valley Stream, NY Frank William Meszaros, Lancaster Magna Cum Laude

Jacob Molloy Meyer, Kings Mills Jeremy Bennett Meyerson, Strongsville Noah Spenser Miles, Wilmington, DE Allison Milewsky, Delaware Summa Cum Laude Bailey Anne Miller, Homosassa, FL Emma Christine Miller, Rock Falls, IL Ryan Muir Miller, Upper Arlington Tristan Blake Miller, Bellefontaine Abigail Kathleen Mills, Hilliard Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Psychology Cari Cassandra Milowicki, Westlake Maana Cum Laude with Honors in the Arts and Sciences Gabrielle Margaret Minotti, Olmsted Township Magna Cum Laude with Honors in the Arts and Sciences Andrew Thomas Misbrener, Cuyahoga Falls Maana Cum Laude with Honors in the Arts and Sciences Madhav Misra, North Brunswick, NJ Maana Cum Laude with Honors in the Arts and Sciences Zachery James Misson, Toledo Rohan Mital, Dublin Maana Cum Laude with Honors in the Arts and Sciences Robert Thomas Mitchell, Hartville Cum Laude Nicholas Branko Mitevski, Westerville Summa Cum Laude Miranda Edith Mogen, Stow Elizabeth Marie Mogus Garcia, Akron Halima Abdullahi Mohamed, Columbus Jamal Bashir Mohamed, Columbus with Honors in the Arts and Sciences Saido Abdirisak Mohamed, Columbus Nurul Aini Sofia Binti Mohamed Nor, Pasir Mas, Malavsia Nicholas Reza Momeni, Sunbury Maana Cum Laude Marissa Rae Monopoli, Moraga, CA Magna Cum Laude Kristina Marie Monteleone, Seven Hills Cum Laude Blake Austin Moore, Concord Cum Laude Brandon Maxwell Moore, Columbus Robert Lee Moore, Pickerington Ryan Christopher Moore, Wadsworth Summa Cum Laude with Research Distinction Brenna Moreno, North Ridgeville Summa Cum Laude Charles Erik Moritz, Columbus Cum Laude Elizabeth Ann Morris, Hilliard Summa Cum Laude Shelby Aaron Motschman, Beavercreek Cum Laude Maribelle Moufawad, Cleveland Cum Laude Saveef Moven, Copley Andrew Joseph Mularo, Cleveland Cum Laude with Research Distinction in Evolution and Ecology

Andria Camilla Mulholland, Grinnell, IA James Mullen, Inverness, IL *Cum Laude* Breanne Mullins, Naperville, IL Ariana Sofia Munoz-Salgado San Juan, Puerto Rico Summa Cum Laude Dylan Seth Munson, Shelbyville, TN Summa Cum Laude Jaclyn Claire Musci, Akron Summa Cum Laude Shelby Marie Naegele, Proctorville Maana Cum Lauc Erin Elizabeth Nagle, Baldwinsville, NY Barbara Rose Nainiger, Bay Village Robert Cody Nakamura, Washington, DC Reanna Maria Nartker, Liberty Township Cum Laude with Honors in the Arts and Sciences Bianca Raine Natole, Bellevue Maana Cum Laude with Honors in the Arts and Sciences Daniel Naughton, Maineville Cum Laude Kassandra Jo Naughton, Loveland Judy Nayal, Columbus Caleb Michael Neal, Lima Adrian Edward Neff, Fort Wright, KY Cum Laude Cassandra Ann Nemeth, Strongsville Maana Cum Laude Allison Marie Neuhaus, Brunswick Wen Hsien Ng, Kota Kinabalu, Sabah, Malaysia Alexander Carl Nichols, Fishers, IN Haralambos Nicoloulias, Columbus Xiaowen Ning, Shijiazhuang, Hebei, China Qichang Niu, Shanghai, China Cum Laude Stephanie Uche Nnadi, Columbus . Summa Cum Laude with Honors in the Arts and Sciences Daniel Jun No. Columbus Alice Josephine Noschang, Cincinnati Matthew Aaron Nye, Hamilton Jakob Nypaver, Brecksville Shane O'Connor, West Chester Samantha Oberdier, New York, NY Lauren Renee Ohl, Upper Sandusky Katelyn Ohrman, Columbus Rachel Lauren Oinonen, Carol Stream, IL Maana Cum Laude Karen Viviana Olguin-Acevedo, Galloway Matthew Justin Oliveira, New City Cum Laude Max Edmund Olson, Brookfield, IL Cum Laude with Honors in the Arts and Sciences Zandantsetseg Orgil, Memphis, TN Cum Laude Lindsey Renee Orozco, Troy Nina Stefania Oryshkewych, Broadview Heights Shannon Renee Osterfeld, Coldwater Magna Cum Laude with Honors in the Arts and Sciences Mackenzie Lynn Owen, Cincinnati Summa Cum Laude with Honors in the Arts and Sciences Alexandra Elizabeth Oyler, Fort Wayne, IN Cum Laude with Honors in the Arts and Sciences Deniz Ozkardas, Istanbul, Turkey with Research Distinction in Psychology Christopher Sterling Pace, Medina Lauren Ashley Page, Springboro

Luca John Pagoto, Svosset, NY Daniel Paul Painter, Kalida Maana Cum Laude José Miguel Palacios, Cincinnati Cum Laude with Honors in the Arts and Sciences Joseph Emilio Palazzo, Mayfield Village Magna Cum Laude with Honors in the Arts and Sciences Sarah Lynn Palmer, Pigua Cara Lynne Palusak, Poland Summa Cum Laude Kenneth Dino Pandaleon, Smithtown, NY Michael Panvini, Syosset, NY Courtnie Ann Park, Medina Michaela Parker, Ashtabula Summa Cum Laude with Honors in the Arts and Sciences Leah Kathryn Pastor, Chardon Cum Laude with Research Distinction in Biochemistry Akshar Praful Patel, Columbus Bansari Kalpesh Patel, Carol Stream, IL Cum Laude Kieran Neelkanth Patel, Longwood, FL Krishna Patel, Solon Krishna Devang Patel, Ahmedabad, India Megha Jaidev Patel, Portsmouth Summa Cum Laude with Honors in the Arts and Sciences Nil J. Patel, Sagamore Hills with Research Distinction Ripal Shailesh Patel, Powell Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Neuroscience Sahil Vipul Patel, Hanover, MD Cum Laude with Research Distinction in Biology Shanay Patel, Barrington, IL Shivani Chandrakant Patel, Powell Magna Cum Laude Laura Kristen Patterson, Canton Cum Laude Rajae S. Patton, Chicago, IL Subin Abraham Paul, Plymouth, MN Cum Laude Gabriella Marie Pecci, Galena Cum Laude Karina Blom Peggau, Naperville, IL Jake Waldon Pelter, Streetsboro Isabel Pena, Park Ridge, IL Summa Cum Laude Bei Peng, Naniing, China Ruojing Peng, Beijing, China Summa Cum Laude Sarah Marie Pennebaker, Macedonia Cum Laude Mikaela Ann Perkins, Dublin Cum Laude Giovanni Perottino, Springboro Magna Cum Laude Andrew Perry, Lancaster Magna Cum Laude Joshua Alan Perry, Ashtabula Abby Melissa Peterson, Columbus Samantha Jayne Petri, Bedford, MA Eric A. Pfeifer, Algonquin, IL Antoan Minh Pham, North Ridgeville Tiffany Marie Pham, New Orleans, LA Summa Cum Laude

with Honors in the Arts and Sciences

Hannah Rose Philipp, Powell Cum Laude Shannon Clare Phillips, Dublin Summa Cum Laude with Honors in the Arts and Sciences Jessica Lane Pickard, Powell Magna Cum Laude Suzanne Pietrzak, Toledo Svdnev Francis Pilarcik, Hudson Aishwarva Pillai, Franklin, TN Jiahao Ping, Suzhou, China Summa Cum Laude Claudia Anne Platek, Westlake Cum Laude Luke Anthony Podobinski, Maplewood, MN Abigail Leigh Poitinger, Toledo Alyssa Grace Porochonski, Independence Maana Cum Laude Evan Robert Posner, Mentor Sabrina Rose Poulsen, Wheeling, IL Whitney Tara Powers, Dayton Magna Cum Laude with Honors in the Arts and Sciences Matthew Evan Prazak, Dublin Cum Laude Tracy Lynn Prinster, Marysville Joshua Pryor, Cincinnati Joseph Puhalla, Akron Jack Edward Pumper, Plymouth, MN Ben Ysmael Purugganan, Dublin Magna Cum Laude Siran Qiu, Hangzhou, Zhejiang, China Magna Cum Laude Yehong Qiu, Ningbo, China Magna Cum Laude Thomas Tong Quan, Cincinnati Cum Laude with Honors in the Arts and Sciences Jonathan Michael Quigley, Loveland Maana Cum Laude with Honors in the Arts and Sciences Bijen Patrick Rahimi-Alagha, Cincinnati Arisha Nanjiba Rahman, Dublin Neel Rajan, Dubois, PA Priyanka Ram, Mason Kinzi Lynn Ramirez, Mansfield Magna Cum Laude Marissa Nadine Ramsumair, Brunswick Theodore James Randolph, Upper Arlington Maana Cum Laude Nishant Mukesh Rangwani, New Albany Magna Cum Laude with Honors in the Arts and Sciences Arun Apkari Rao, Bloomfield Hills, MI Keemia Rashidi, Dublin Cum Laude with Honors in the Arts and Sciences Jordan Mackenzie Rasp, Bellbrook Magna Cum Laude with Honors in the Arts and Sciences Minna Ratanapan, New Albany Thomas Joel Ratliff, Springboro Nanditha Ravichandran, West Chester Cum Laude with Honors in the Arts and Sciences Sathvik Ravindran, Twinsburg Irene Elizabeth Ravkin, Cleveland Cum Laude Kyle Phillip Rawn, San Diego, CA Summa Cum Laude

with Research Distinction

Brooke Rawson, Cincinnati Cum Laude with Research Distinction in Zoology Meredith Anne Reagan, Cincinnati Magna Cum Laude with Honors in the Arts and Sciences Keerthi Reddy, Mason Maana Cum Laude Nicholas Patrick Reineck, Port Clinton with Research Distinction in Earth Sciences Nicole Victoria Reinhold-Larsson, Knoxville, TN Summa Cum Laude Shannon Lee Reirden, Lima Hang Ren, Changchun, China Kara Renner, Cuyahoga Falls Cum Laude Nicolas John Renouil, Union, KY Summa Cum Laude Madeline Mae Ricard, Hudson Cum Laude with Honors in the Arts and Sciences Kayla Christine Rice, Columbus Cum Laude Justin Alexander Richards, Sunbury Cum Laude Diarra K. Richardson, Mason Alexandra Nicole Richey, Hudson Magna Cum Laude with Honors in the Arts and Sciences Michael Roger Ricks, Lake in the Hills, IL Tyler Ronald Ritchie, Loveland Cum Laude Jorge Mediel Rivera, Cincinnati Cum Laude Prakash Rizal, Blacklick Anthony Elie Rizkala, Solon Magna Cum Laud Anthony Nazario Rizzo II, Chagrin Falls Cum Laude Trevor Holden Roberts, Newark Summa Cum Laude with Honors in the Arts and Sciences Cameron Jeremy Robinson, Wayne Maana Cum Laud Megan Ann Rochford, Westlake Cum Laude Emma Jean Rodas, Dublin Brianna Marie Rodriguez, Middleburg Heights Magna Cum Laude Connor James Rogers, Springfield Magna Cum Laude Tyler Wayne Rogers, Jackson Center Dana Kathryn Rolfes, Cincinnati Jacqueline Dominique Roman, Coshocton Cum Laude Hannah Marie Romich, Wadsworth Allen Lawrence Ronis, Lyndhurst Magna Cum Laude with Research Distinction Madelyn Root, Mesa, AZ Cum Laude Christopher David Roscoe, Brilliant with Research Distinction in Biology Aubrey Lynn Rose, Mason Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Molecular Genetics Julia Delaney Roubic, Cleveland Rachel Stephanie Rouwenhorst. Middleburg Heights Kelly Chaochen Rudolph, Toledo

Holden Winston Ruegger, Westerville Cum Laude Alexandra Catherine Russell, New Concord Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Benjamin Harold Russell, Gahanna Kelsey Grace Ruth, Byram Township, NJ Devan Jordith Rybarczyk, Avon Lake Cum Laude with Honors in the Arts and Sciences Sarah Grace Ryherd, Downingtown, PA Abbey Alexis Saadey, Canton Summa Cum Laude with Honors in the Arts and Sciences Mohamad Ismail Sabeh-Avoun, Cincinnati Amelia Elizabeth Sagun, Dublin Magna Cum Laude Raphael Sahayaraj, Mason with Honors in the Arts and Sciences Sameeha Sajid, Ashburn, VA Cum Laude with Research Distinction Nicholas Salas, Highlands Ranch, CO Cum Laude Nicholas James Salgia, Pasadena, CA Maana Cum Laude Andrew Scott Salings, Louisville, KY Zeyna Samba, Columbus Kinza Sami, Mason Zoey Scarlett Samples, South Point Maana Cum Laude with Honors in the Arts and Sciences Analyn Rose Sandhu, Columbus Cum Laude Anna Katherine Sanford, Westerville Raymond Yaniel Santiago, Cleveland Briana Santilli, Canton Sara Christine Santisi, Dublin Magna Cum Laude Celeste Santivasci, Medina Cum Laude Caroline Elizabeth Sapp, Bexley Cum Laude with Honors in the Arts and Sciences Katie Marie Sarchenko, Alexandria Patricia Maria Sarzynski, Brick, NJ Sonya Sasmal, Cincinnati Magna Cum Laude Luke David Scarberry, Loudonville Maana Cum Laude David James Schaeufele, Columbus Zachary Joseph Schaffer, Franklinville, NJ Cum Laude Matthew Collin Schechter, Columbus Maana Cum Laude Sydney Kaitlin Schiff, Kettering Nicholas David Schlosser, Silver Lake Maana Cum Laude Allyson Jave Schmitt, North Ridgeville Ava Marie Schmitz, Sidney George Schneider, Cincinnati Justine Grace Schneider, Carmel, IN Summa Cum Laud Natalie Marie Schoenfeld, Canfield Cum Laude Annie Marie Schramm, Columbus Grove Summa Cum Laude Danielle Lea Schramm, Columbus Grove Summa Cum Laude Brenna Lynn Schroeder, Leipsic Madison Sage Schroll, Dayton 61 Emily Kirchner Schwarz, Beachwood Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Biology Kevin David Scott, Wellington Magna Cum Laude Kylie Noelle Scott, North Royalton Ridhwan Sedige, Toledo Cum Laude Jonathan David Sedlak, Strongsville Bren Erin Sedmak, Columbus Matthew William Seeds Ashtabula Kailee Marie Segarra, Buffalo, NY Cum Laude Ellie Marie Seifferth, Dublin Cum Laude with Honors in the Arts and Sciences Cameron Scott Senek, Worthington Jesse Alexander Sepeda, Marysville Thomas Christopher Serowik, Cleveland Magna Cum Laude Shruthi Priya Sethuraman, Naperville, IL Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Microbiology Jay Shah, Westerville Magna Cum Laude with Honors in the Arts and Sciences Nirvan Shanker Mason Maana Cum Laude with Honors in the Arts and Sciences Brad Daniel Shannon, Leonardtown, MD Shijie Shao, Ningbo, Zhejiang, China Thomas Andrew Sharp, Ashville Erica Renee Sheehan, Bluffton Cum Laude Steven Dakota Sheeley, Columbus Avah Shehata, Columbus Magna Cum Laude Jiacheng Shen, Shanghai, China Mariah Elizabeth Sherer, Hudson Maana Cum Laude Keren Shi, Qingdao, China Kevin Shin, Skokie, IL Cum Laude Ellen Allene Shinabarker, Bellville Cum Laude Robert A. Shisler, Centerville Maana Cum Laude Paul Joseph Shortman, Hudson Gabriel Shye-White, Atlanta, GA Afshan Siddiqui, Broadview Heights Tucker Jonathon Sigel, State College, PA Benjamin Oscar Sigman, Baltimore, MD Christopher Silberstein, Chicago, IL Nathan Simmers, Anchorage, AK Cum Laude Thomas Samuel Sinha, Getzville Cum Laude with Honors in the Arts and Sciences Benjamin Joseph Sipe, Columbus Cum Laude Harley Jo Skorpenske, Sewickley, PA Robert Matthew Skrbis Kirtland Jessica Ann Skripac, North Lima McKenzie Brianne Slone, Elyria Cum Laude Benjamin Joseph Smigielski, Toledo Magna Cum Laude

with Honors in the Arts and Sciences

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Alexandra Zoe Smith Medina

Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Earth Sciences Elena Smith, Lewis Center Jade Alexandra Smith, Columbus Lucas Daniel Smith, Columbus Cum Laude Zachary Thomas Smotzer, Youngstown Maana Cum Laude David Jeffrey Sneddon, Dublin with Research Distinction in Evolution and Ecology Cierra Snodares, Columbus Lindsay Michelle Snook, Liberty Township Raian Kartan Solanki, Canfield Joseph John Solomon III, Toledo Dustin Matthew Sorensen, Lancaster José Soto, Columbus Cum Laud Brianna Marie Sowers, St. Clairsville Colleen Spahits, Gahanna Anthony Alan Spears, Groveport Brian Dakota Spence, Girard Adam Michael Spiesman, Painesville Alexander Chase Sprague, Hamilton Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction Rachelle Eleasha Srinivas, Dublin Hunter Eli St. Peter, Athens Cum Laude with Honors in the Arts and Sciences Karley Danielle Stackhouse, Zanesville Cum Laude Georgie Rae Stacy, Waldo Maana Cum Laude Jennifer Nicole Stafford, Ashland, WI Samantha Jean Stallkamp, Lima Summa Cum Laude Jennifer Eileen Stancourt, Columbus Kent William Stapleton, Cincinnati Lane Noble Starrett, Mequon, WI Benjamin Louis Steinman, New Albany . Cum Laud Krisann Lyn Stephany, Council Bluffs, IA Samantha Grace Jang Stine, Cincinnati Margaret Lily Stinstrom, Sherman Oaks, CA Katherine Geyer Strader, Mentor Kyle Stringer, Broadview Heights Taylor Renae Sturgeon, Thornville Summa Cum Laude Le Su, Xi'an, Shaanxi, China Summa Cum Laude Jack McMahon Sullivan, Hudson Maana Cum Laude with Honors in the Arts and Sciences Kimberly Nicole Sullivan, Columbus Cum Laude with Honors in the Arts and Sciences Benjamin Thomas Sullivan-Bolon, Westerville Monica Tammy Sun, Naperville, IL Steven Sun, Brook Park Magna Cum Laude with Honors in the Arts and Sciences Yixuan Sun, Beijing, China Zhijun Sun, Sichuan, China . Maana Cum Laude Varuni Sureddy, Hyderabad, India Maana Cum Laud Meshora Suthanthira, Westerville Margaret Elizabeth Suttle, Dublin Cum Laude

Sarah Sweeney, North Wales, PA Patrick Joseph Sweetman Lebanon Taylor Nicole Swenski, Columbia, MD Magna Cum Laude with Honors in the Arts and Sciences Kendall Lynn Syms, Canfield Dominik Peter Tacadena, Woodridge, IL Cum Laude Sarah Josephine Taleb, Larchmont, NY Alexi Michael Tallan, Pickerington Yinuo Tan, Shenyang, Liaoning, China Summa Cum Laude Runtao Tang, Beijing, China Yan Tang, Guangzhou, China Brent Joseph Tanski, Mentor McKayla Cheyanne Tassy, Commercial Point Jaylin Nickolas Taylor, Lima Mary Florence Taylor, Pittsburgh, PA . Cum Laude with Honors in the Arts and Sciences Nathaniel Taylor, Brunswick Noah Taylor, New Philadelphia Maana Cum Laude Wesley Thomas Terrill, Stow Cum Laude Anna Michavla Tessari, Norwalk Cum Laude Alina-Hanh Thai, Bucharest, Romania Amanda Kathleen Thie, Dayton Christian Michael Thomas, Arlington, TX Cum Laude Morgan Thomas, Germantown, MD Samuel Elliott Thompson, Grove City Jessie Kathleen Tirpak, Logan Charu Tiwari, Falmouth, ME Summa Cum Laude with Honors in the Arts and Sciences Jenna Marie Tolloti, New Philadelphia Steven David Tomasi, Cincinnati Jewel Delaney Tomlinson, Ocean View, DE Needa Ibtisaam Toofanny, Troy, MI Cum Laude Jason Alexander Torok, Allentown, PA Nicholas James Torok, Canfield Brennan Michael Toth, Brownsburg, IN Jami Renee Toth, Wadsworth Jayne Farrah Touati, Manalapan, NJ . Cum Laude Alexander T.S. Tran, Columbus Dan-Ho Tran, Columbus with Research Distinction in Molecular Genetics Theresa Thu Anh Tran, Westerville Cum Laude Karrie Trannguyen, Cincinnati Austin Robert Trapp, Lisbon Magna Cum Laud Melanie Travers, North Royalton Cum Laude Mariah Clair Treece, Findlay Matthew Ryan Trotta, Pittsburgh, PA Cum Laude with Honors in the Arts and Sciences Courtney Nicole Trudeau, New Albany Lucas Christopher Tsitouris, Pataskala Demetrius Tuggle, Cincinnati Maxwell Alexander Tumbleson, Cincinnati Ronald Casey Turner, Springfield Summa Cum Laude Meghan Ullrich, Cincinnati Cum Laude Bailey Anne Urbach, Hudson, NH Cum Laude

with Honors in the Arts and Sciences

Thomas Edward Van Green Catonsville MD Summa Cum Laude with Research Distinction in Political Science Michelle Ashley Van Vuren, Wausau, WI Adrien Van Wagenen, Cincinnati Hannah Laura Van Zant, Hillsboro Andrea Jose Varghese, Gahanna Cum Laude Robin Joy Varghese, Worthington Susmitha Susan Varghese, Anaheim, CA Magna Cum Laude Kerrigan Vargo, Sandusky Cum Laude Morgan Michele Vasas, Orrville with Research Distinction Sophia Annalysa Vaughan, Columbus Prescott James Vayda, Canton, MI Summa Cum Laude with Research Distinction in Earth Sciences Vikram Varma Vegesna, Blacklick Benjamin Matthew Veneman, Amherst John Edward Veracco, Miamisburg Gina Rose Vivino, Cuyahoga Falls . Summa Cum Laude Nina Alexandra Vizdos, Bay Village Sally Vogel, Westerville Maana Cum Laude with Honors in the Arts and Sciences Jacob Ryan Vonderheide, Springdale Jennifer Kim Vu. Westerville Maana Cum Laude Connor Spellman Wagner, Loveland . Summa Cum Laude Jacob Samuel Wagner, Boardman Summa Cum Laude with Honors in the Arts and Sciences Lindsey Elizabeth Wagner, Cincinnati Magna Cum Laude Megan Wagner, Old Bridge, NJ Summa Cum Laude with Honors in the Arts and Sciences Emma Mieko Waight, Peninsula Cum Laude Abahamda Lencho Wako, Bokore Allison Elizabeth Walker, Rochester, MN Cum Laude with Research Distinction Luke Anthony Walkush, Lakewood Cum Laude Erika Alexandra Wallace, Greenwich Jessica Wallace, Wayne, MI Brent Thomas Wallenhorst, Liberty Township Bridget Katharine Walsh, Cincinnati Jordan Elaine Walters, Springboro Amy Wang, Dublin Cong Wang, Tianjin, China Frank Tao Wang, Centerville Maana Cum Laud Haoran Wang, Beijing, China Cum Laude Kaihang Wang, Ningbo, Zhejiang, China Magna Cum Laude Neng Wang, Wuhan, Hubei, China Cum Laude Yichen Wang, Shanghai, China Summa Cum Laude Yifan Wang, Shanghai, China Maana Cum Laude Yuepeng Wang, Hangzhou, Zhejiang, China Cum Laude Eric Charles Warne, Canton

Robert Trescott Warren, Cleveland Maana Cum Laude with Honors in the Arts and Sciences Jordan Randolph Washington, Euclid Allison Patricia Watkins, Springfield Cum Laud William Weber, Milford Magna Cum Laude with Honors in the Arts and Sciences Nicholas James Wegner, Arlington, TX Samuel R. Weimer, Eaton Ian James Weiner, Wooster Cum Laude Michael David Wells, Cleveland Andrea Elizabeth Wertz, Perrysburg Cum Laude Alyssa Nicole Wheeler, Delaware Austin Tyler Whisler, Mansfield Summa Cum Laude Brendan Ty Whitaker, Bridgewater, MA Magna Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Mathematics Linda Marie White, Blacklick Taylor Marie Whittaker, Worthington Olivia Christine Wiant, Dublin Cum Laude Denethi Yashodara Sewvandi Wijegunawardana, Columbus Samuel Malcolm Wikman, Monroe, CT Erin Wilber, Medina . Maana Cum Laude with Honors in the Arts and Sciences Abigail Julia Williams, Rochester, NY Corey Stephen Williams, North Ridgeville Katie Williams, Columbus Rachel Ann Williams, Goshen, KY Maana Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Economics Jenna Leigh Wilson, Woodstock, GA Cum Laud Kendra Lynn Wilson, Columbus Lexia N. Wilson, Cardington Cum Laude Madeline Marie Winans, Cleveland Maana Cum Laude Rachel Elizabeth Winer, Ponte Vedra Beach, FL Maana Cum Laude Margaret Shea Wingo, Trumbull, CT Magna Cum Laude with Honors in the Arts and Sciences Cassie Nicole Wisbang, Holland, MI Magna Cum Laude with Honors in the Arts and Sciences Maxwell Mariea Wisne, Powell Maana Cum Laude Abby Elaine Wittenauer, Dublin Nathan Ray Wolpert, Fairfield Joel Jun Xian Wong, Subang Jaya, Malaysia Magna Cum Laude Zeng Yi Joey Wong, Kuala Lumpur, Malaysia Magna Cum Laude Mark Charles Wood, Dublin Summa Cum Laude Charles Woodrum, Cortland Reginald A. Woods, Cleveland Quintin A. Wotring, Kingsport, TN Noah Carter Wren, Centerville Magna Cum Laude Crystal Bree Wright, Delaware Cum Laude Jonathan Christian Wright, Sylvania Summa Cum Laude

Shaofeng Wu, Hangzhou, China Maana Cum Laud Wenqi Wu, Beijing, China Maana Cum Lau Henry Augustus Wulsin, Cincinnati with Research Distinction in Earth Sciences Yifan Xia, Wuxi, China Lu Xiang, Beijing, China Cum Laud Jukai Xiao, Fuzhou, Fujian, China Maana Cum Laud Yiming Xu, Nanchang, Jiangxi, China Summa Cum Laude Yizhou Xuan, Shanghai, China . Summa Cum Laude Eric Knowlton Yanchenko, Groton, MA Summa Cum Laude with Honors in the Arts and Sciences Bangli Yang, Beijing, China Dennis Ming Yang, Carmel, IN Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Chemistry Kefan Yang, Hangzhou, China Sarah Elizabeth Yannone, North Canton Cum Laude Kavya Yellamraju, Athens Cum Laude Kyung Jun Yi, Warren Cum Laude Shiyao Ying, Xi'an, Shaanxi, China Summa Cum Laude Zachary John Yoder, Plain City Summa Cum Laude Menna Yohannes, Dayton Feng Yu, Suzhou, Jiangsu, China Magna Cum Laude He Yu, Yixing, China Maana Cum Laude Wentao Yu, Beijing, China . Cum Laude Chenxi Yuan, Changchun, China Cum Laude Dangi Yuan, Zhejiang, Ningbo, China Summa Cum Laude Tianyu Yuan, Heze, China Magna Cum Laude with Honors in the Arts and Sciences Mohamed Alidahir Yusuf, Columbus Dalili Zahiah Binti Zabri. Kota Damansara, Malaysia Magna Cum Laude Sorena Renae Zakucia, Brooklyn Andrew William Zeidler, Bay Village Benjamin Scott Zeiger, Uniontown Allen Zhang, Marion Summa Cum Laude with Honors in the Arts and Sciences with Honors Research Distinction in Biology Boyan Zhang, Xi'an, Shaanxi, China Jingyi Zhang, Chengdu, China Mengjia Zhang, Qingdao, China Miaoxuan Zhang, Wuhan, Hubei, China Summa Cum Laud Qingyi Zhang, Hangzhou, Zhejiang, China Magna Cum Laude Shaochen Zhang, Luoyang, Henan, China Tengri Zhang, Guangzhou, China Xichen Zhang, Guangzhou, China Cum Laude Yan Zhang, Wuhan, China Yiming Zhang, Beijing, China

Yiqing Zhang, Shijiazhuang, China Summa Cum Laude Yunrong Zhang, Wenzhou, China Zhao Zhang, Beijing, China Xuan Zhao, Jinan, Shandong, China Zhiyuan Zhao, Zhucheng, China Cum Laude Zichen Zhao, Zhengzhou, Henan, China Summa Cum Laud with Honors in the Arts and Sciences Wenren Zhou, Chongging, China Cum Laude Qing Zhu, Tianjin, Tianjin, China Summa Cum Lau Ali Zia, Dublin Noah Charles Zinn, Johnstown Rvan Christopher Ziobro, Parsippany, NJ Cum Laud Elizabeth E. Zollos, Sheffield Lake Maana Cum Laude Xiaochen Zong, Bengbu, China Cum Laude

# Associate of Arts

Asha Aden Abdulle, Columbus Ramzy Saleem Abukhader, Bellefontaine na Cum Laude Brandy Ellen Adams, Mansfield Jason Eugene Adams, Lima Maana Čum Laud Anita Adib, Newark Magna Cum Laude Mahsa Adib, Newark Maana Cum Laude Amber Alexander, Springfield Maana Cum Laud Dana Omar Alkashkish, Dublin Summa Cum Laude Andrew James Allen, Marion Gabriella Janae Allen, Lima Julia Lauren Alley, Baltimore Jensan Madison Allred, Columbus Michael Alrabadi, Westerville McKenzie Lyn Altizer, Centerburg Emmanuella Appiah, Westerville Arsala Arifeen, Dublin Laura Elizabeth Artrip, Iberia Allyssa Marie Asman, Dublin Preston Lee Atkinson, Dublin Samuel Rudolph Backiewicz, Centerburg Alexis Baker, New Concord Maana Cum Laude

Nathan Michael Baker, Mt. Gilead Summa Cum Laude Olivia Renae Baran, Lewis Center

Meghan Eirzabeth Barbarta, Dublin Rachel Nicole Barber, Radnor Benjamin Walker Barnes, Cincinnati Kyle Richard Bash, Galena Jenna Marie Basinger, Jamestown

Magna Cum Laude Rebekah Jane Beach-Jackson, Pataskala Robert Christian Bell, New Albany Mikayla Danae Benjamin, Blacklick Taylor Lynne Berning, Botkins Morgan Eitzabeth Berry, Reynoldsburg Austin Cole Biller, Reynoldsburg Catilin Monique Bishop, Newark Summa Cum Laude

Jacqalyn Lanette Bishop, Grandview Heights Logan Kylie Bittner, Mansfield Christina Athanasia Bizios, Blacklick *Cum Laude* 

Hayley Ann Black, Mount Perry Spencer Lynn Blankenship, Cincinnati Kailey Nichole Bolinger, Baltimore Iman Bousfiha, Columbus Jared Allan Bowers, Baltimore Morgan Nicole Bowers, Troy Hayden Bowmar, Sunbury Hayley Nicole Bradford, Ohio City Victoria Renee Bradford, Paulding Cum Laude William Brailer, Columbus Joshua Evan Braunstein, Powell Regan Sue Brokaw, Butler Samantha R. Brooks, Lima Peyton John Brown, Heath Maana Cum Laude Kacey Matthew Browning, Columbus Donald Scott Brunson, Bellefontaine Magna Cum Laude Austin Levi Bumgarner, Newark Kayla Marie Bumgarner, Hillsboro Austin Scott Bunce, Hinckley Brooke Annette Bungard, Pataskala Breanna Renay Burge, Marion Newton Lamonte Burris, Jr., Pickerington Sierra Nicole Butcher, Wapakoneta Alexis Victoria Butterworth, Findley Summa Cum Lau Kathleen Grace Butto, Columbus Connor Edward Carpenter, Heath Meghan Carroll, Columbus Paitvn Renae Caudill, Attica Cum Laude Christina Bao Lian Chen, Columbus Andrew Ching, Dublin Jared Michael Chobany, Gahana Seth T. Christensen, Pickerington Erin Elizabeth Cisneros, Gahanna Maana Cum Laud Caroline Jane Ciuca, Plain City Cum Laude Mariah Jo Cline, Utica Summa Cum Lau Meridith Olivia Cocherl, New Bloomington Marissia Jean Coleman, Marion Charles Hamilton Combs. Cincinnati Carli Conard, Utica Josh Conison, Pickerington Haley Nicole Conkel, Galion Sophia Elizabeth Conway, Gahanna . Cum Laude Kiersten Cook, Leipsic Kasey Layne Copeland, Jackson Center David Andrew Corbi, Johnstown Rhieannae Carolyn Helena Cory, Bucyrus Theodore Costianes, Twinsburg Jacob Matthew Coy, Radnor Chris L. Crawford, Jr., Marion Mitchell Lee Crawford, Upper Arlington Bryson Scott Creed, Hilliard Elizabeth Grace Creighton, Marion Cum Laude Bradley Thomas Crouse, Columbus David Matthew Curren, New Albany Magna Cum Lau Da'Sean Curry, Cincinnati Christopher John Dahman, Columbus Kaycee Nicole Damron, Grove City Braxton Charles Daniels III, Mansfield Evan Dannemiller, Wadsworth Malik Darwish, Hilliard Samanyu Das, Powell Griffin Lee Davis, Beachwood Nathan Alan Davis, Hilliard Tiffany Nicole Davis, Canton Jacob Raymond Davisson, Spencerville Maana Cum Laude Alexandria Lynne Dean, Columbus Alicia Ann Dearing, Newark Ezra Demissie, Blacklick Alexis Michelle Dennis, Galion Faith Renae Deskins, Shiloh Steven Diaz, Dublin

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Delanev Rae Heller, Columbus

Sarah Elizabeth Hidy, Cincinnati

Meghan Lynn Hiland, Gahanna

Jacob Noah Hixenbaugh, Lima

Cassie Thi Hoang, Columbus

Keith Aaron Hoffee, Marion

Danielle Jo Hoffman, Shelby

Chase Honeycutt, New Albany

Jason Ryan Hostetter, Norwalk

Olivia Ann House, Delaware

Luke Allen Hundley, Marion

Chloe Beth Ittel, Waynesville

John Russell Hurt, Jr., Pataskala

Brooke Nicole Huston, Pataskala

Jorge Andres Jaramillo, Gahanna

Cydne' Earlene Jess, Fremont

Malena Nicole Jester, Glenford

Madison Blythe Jeter, Newark

Brandon Chase Justice, Johnstown

Chad Michael Kaiser, Brunswick

John Rhett Kantzer, Marion

Gaylen Taylor Kaple, Columbus

Carson Christina Justice, Reynoldsburg

Mohamed-Lamin Kandeh, Delaware

Katherine Lucia Kanowsky, Columbus

Summa Cum Laude Brittany Leigh Jurena, Delaware

Maana Cum Laude

Magna Cum Laude Konrad Kappel, Columbus

Magna Cum Lau

Pearl Kissi, Ghana

Summa Cum Laude

Brooke Mary Karl, Tiro

Ashley Marie Keaney, Edina

Nimo Omar Khalif, Columbus

Caleb Christopher Kellogg, Marion

Edrees Ahmad Kharzai, Gahanna

Brody Christopher Kinney, Bellefontaine

Johnathan Lockett Kleshinski, Johnstown

Lauren Rose Kimmel, Marysville

Jacob Eric King, Pickerington

Deborah Kisbedo, Columbus

Abigayle Grace Jarrett, Dublin Kelsey Ellen Jarrett, Grove City Darien Michael Jennings, Reynoldsburg

Ashley Marie Howard, Ontario

Savannah Bailey Hughes, Canal Winchester

Lauren Elizabeth House, Dresden

Jamie Sue Holtz, Utica

. Magna Cum Laude

Taliah Horne, Newark

Summa Cum Laude

Maana Cum Laud

Magna Cum Laude Samuel Paul Hyburg, Lewis Center

Summa Cum Laude

Cum Laude

Ryan Steven Hogan, Pickerington

Peter Joseph Holbrook, Johnstown

Deborah Mabelle Holland, Springfield

Jason Himes, Columbus

Maana Cum Laud

Shaina Lizeth Hernandez, Columbus

Clayton James Higginbotham, Galena

Dakota Austin Hetterscheidt, Revnoldsburg

Alexis Renee Hensel, Marion

Christopher William Dickman, Worthington Camryn Lora Dieter, Cardington

Summa Cum Laude Tyler Mathew Dillon, New Lexington Samuel Augustus Doran, Utica Garrett Edward Dotson, New Lebanon Olivia Grace Dowalter, Mount Gilead Kyle Robert Dues, Kettering Jacob Samuel Dupler, Kettering Deonna LaShae Durrett, Pickerington Magna Cum Laude Ryley Elana Dyer, Johnstown Brooke Emily Eggleston, Canal Winchester Cum Laude Heather Suzanne Eilerman, Fort Loramie Taylor Katlyn Elliot, Mansfield . Cum Laua Allison Endicott, Marion Grace English, Gahanna Ryan Aaron Evans, Wilmington Sarah Marie Evans, Westerville Stanley Evans, Galion Matthew Alan Everetts, Hilliard Emily C. Ewing, Cridersville Michael Ezenekwe, Powell Jayson Lewis Patrick Faller, Newark Sheldon Thomas Edwin Faller, Columbus Connor Michael Feeney, Reynoldsburg Autumn Savanah Fetter, Ada Alexis Gynell Fields, Marion Matthew Donley Fisher, Amherst Rebecca Rene Fisher, Lima Greta Katheryn Fitch, Delphos Joshua David Flickinger, Junction City Cum Laude Peri Noelle Marguerite Forbes, New Albany Maddie Elizabeth Ford, Heath Summa Cum Laude Rvan Andrew Forsythe, Pickerington Ashley Nicole Fowler, Mount Vernon Erica Marie Franck, Celina Ethan Matthew Frazier, Pataskala Alimamy Dumbuya Freeman, Columbus Taylor Marie Gallant, Heath Jordann Danielle Garrett, Shelby Maana Cum Laude Mikayla Louise Garrison, New Martinsville, WV Zackary Avner Gatto, Cleveland Qurratulain Abdul Ghani, Columbus Kensey Brooke Gianettino, Sunbury Makayla Alana Gillenwater, Canal Winchester Connor James Gillespie, Medina John Aaron Gillum, Shiloh Vittoria Leighann Glover, Pataskala Cum Laua Peighton Rose Gore, Coshocton Amanda Graver, Upper Arlington Cum Laude Noah Murray Graves, Bucyrus Kristian Jessee Gray, Galion Jeffrey Griffin, Springfield Cody Evan Grogg, Mansfield lagna Cum Laude Cynthia Groves, Columbus Abbey Marie Gwinn, Baltimore Cum Laude Mallory Kate Haas, Marion Magna Cum Laude Marisa Elizabeth Hageman, Sunbury Magna Cum Laude Jacob Andrew Hall, Columbus Dacoda Emily Joy Hanthorn, Lima Summa Cum Laude Hanna Lee Hashman, Mt. Gilead Hannah Lola Hawkins, Centerburg Alexis Kristine Heitmeyer, Lima

Samantha Lynn Koenig, Lima Brooklynn Kohli, Lima Olivia Grayce Koller, New Albany Thomas Krai, Galloway Edith Caselina Hormah Kwaw, Columbus Andrew James Lade, Medina Tanner James Lake, Newark

Magna Cum Laude Kevin Allen Lally, Granville Cody S. Lam. Hilliard Alexis Kali Lampron, Pickerington Cum Laud Breanna Nicole Langenek, Pickerington Cum Laude Kayla M. Lathrop, Waldo Summa Cum Laude Katlyn Marie Lauderbaugh, Shelby . Cum Laude Jonathan Paul Lauer, Mt. Vernon Lucas Lauvray, Coshocton Vanessa Anne Leadbeter, Medina Tellie Marie Lee, Reynoldsburg Madison Courtney Lehman, Sunbury Magna Cum Laude Ava Grace Lewis, Westerville Cum Laude Judson Douglas Lewis, Newark John William Link V, Lewis Center Alec Lithiluxa, Gahanna Elijah Lithiluxa, Columbus Emma Kathleen Locker, Alexandria Joseph William Looney, Pataskala Jeremy David Lowe, Westerville Summa Cum Laude Donald Jace Lukacsko, Gahanna Aubrey Morgayne Lyme, Anna Cum Laude Lindsey Alexandra Malsam, Columbus Grove Magna Cum Laude Lena Mancini, Lewis Center James Manu, Columbus Brandon Marcum, Galloway Nia Imani Martin, Columbus Abigayle Rose Martini, Cincinnati Cum Laude James William Mason, Hilliard Timothy Ryan Mathews, Pickerington Pauleina Maria May, Nevada Darien James Mayle, Westerville Jesse Thomas McAndrew, Youngstown Grace Marie McCarthy, Worthington Morgan Leann McDowell, Willard Summa Cum Laude Amy Kathleen McElfresh, Kenton Dwaysha Makaylea Mcleish, Columbus Ashley Taylor Meihls, Lima Olivia Rose Mengerink, Van Wert Magna Cum Laude Alyssa JoAnn Menzo, Columbus Summa Cum Laude Hailey Anne Merendo, Hilliard Megan Muchelle Mescher, Cridersville Adonias Dagim Mesfin, New Albany Caitlyn Marie Miconi, Centerburg Isaiah Daniel Mihelarakis, Newark Matthew Robert Mikesell, Lancaster Carly Joy Miles, Powell Collin Miller, Port Clinton Cory Michael Miller, Lima Hailey Jane Cotton Miller, Pataskala Kasey Elizabeth Miller, Pataskala Lance Miller, Botkins Matthew Jerome Miller, Mentor Riley Conway Miller, Norwalk Spencer R. Miller, Newark Caitlyn Nicole Millhouse, Anna Zachary Matthew Mitchell, Marion Zainab A. Mohammed, Westerville Trevor Michael Mohler, Baltimore Nicholas Mollica, Dublin Erik Spencer Montgomery, Shelby Megan Nicole Moody, Reynoldsburg Cum Laude Troy Leonard Moore, Cincinnati

Lynzi Brooke Morehouse, Heath

Caitlin Elizabeth Moriarty, New Albany Cum Laude Julia Sue Morris, Howard Aubree Anne Mowery, Lima Carson Amelia Murphy, Plain City Maana Cum Laude Maranda Lynn JoAnn Myers, Utica Reagan Louise Myrwold, Loudonville Summa Cum Laud Premananda Naidu, India Radhika Naidu, Lewis Center Rachael Suzanne Napier, Willard Cum Laude Tara Leigh Neer, Lewistown Cum Laud Julianna Nicole Neil, Johnstown Cum Laude Marybeth Anne Nemire, Columbus Grove Tanaka V. Nhong, Columbus Alissandra Reed Nicholson, Johnstown Virginia Nicoloulias, Columbus Jessica Lynn Noland, Wooster Magna Cum Laude Nicolas Walker Novo, Lima Cum Laude Brittney Ileana Nye, Fostoria Colette Marie Oberlin, Centerburg Jordan Taylor Ogarek, Marysville Evan Ohmer, Columbus Katelynn Faith Olenik, Andover Magna Cum Laude Anthony Olivieri IV. Canton Brandon Michael Olson, Lima Nicholas Thomas Opincar, Olmstead Falls Emily Rose Orwick, Lima Angelo Jakob Overstreet, Gahanna Carlie Marie Owens, Lexington SarahKate Palmer, Westerville Maana Cum Laude Shelby Nicole Passet, Upper Sandusky Cum Laude Disa Patel, Columbus Radhika Viren Pathak, Medina Monica Brooke Pelchat, Toledo Kristie DeAnn Perdue, Marysville Jacob Scott Perrin, Tallmadge Makayla Petersen, Powell Jack Christopher Peterson, Marysville Amanda Petrou, Medina Cassandra Lee Phillips, Plain City Hannah Maria Pickrell, Lima Mario Pisano, Erie, PA Lauren Nicole Pitzer, Dublin Claire Nancy Plageman, Cleveland Cum Laud Emma Louise Plageman, Columbus Cum Laude Omeed Kehoe Pourboghrat, Dublin Christopher Ilija Prculovski, Westerville Gabrielle Allyse Prickett, Columbus Kaleigh Nicole Putnam, Millersport Jesus Ramirez, Jr., Marysville Alyssa Marie Rankin, Green Camp Naomi Abigail Reames, Bellefontaine Cum Laud Tala Nieves Reese, Columbus Alexis Lynn Rehm, London Antoni Grzegorz Rempala, Upper Arlington Dylan Tyler Reynolds, Marion Joseph Ricci, Columbus Summa Cum Laud Kenna Jeanne Rice, Lima Maana Cum Laud Sarah Katherine Richards, Granville

Lauryn Renee Richardson, Lima Cum Laude

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William Noel Rightley, Cuyahoga Falls Connor Richard Riley, Powell Brandon William Rock, Marion Alexa Marie Romanowski, Canal Winchester Summa Cum Laude Alexander James Rosbaugh, Van Wert Summa Cum Laude Lauren Marie Rose, Mason Cum Laude Ryan Kasey Rosenbeck, Wapakoneta Alexus Cierra Ross, Sycamore Maana Cum Laude Katelvnn Ann Russell, Marysville Jacob Dillon Rutan, Urbana Brandon Patrick Sagle, Westerville Maana Cum Laude Kasey Lynn Salisbury, Centerburg Nicholas Samoyloff, Powell Cum Laude Alexander Jesus Sanchez Ottawa Alondra Sanchez, Columbus Gabriel Michel Sanchez, Lexington Hardy Leon Sandefur, West Chester Maana Cum Laude Aramis Jamel Sanders, Reynoldsburg Daniela Katerina Sarafov, Blacklick Natalie Renee Sayre, Crestline Joshua Ison Scheid, Cincinnati Trissa Renae Schimpf, Bucyrus Amy Lyn Schmitmeyer, New Bremen Kevin Schneider, Westerville Summa Cum Laude Annie Marie Schramm, Columbus Grove Summa Cum Laude Danielle Lea Schramm, Columbus Grove Summa Cum Laude Cassandra Schroeder, Ottawa Cum Laude Kayleigh Nicole Seiber, Bucyrus Bennett Michael Sell, Powell Vincent Phillip Sgro, Tallmadge Amanda Nichole Shafer, Columbus Grove Maysa Fayez Shalash, Reynoldsburg Marinda Dianne Shell, Morrow Joshua Clive Sheppard, Wapakoneta Conor Thomas Sheridan, Dublin Monica Marie Shira, Nashport Noah Saman Shirvani, Westerville Hailey Mariah Lynn Simmons, Marion Vikram Singh, Waverly Amanda Leigh Smith, Newark McKenzie Ann Smith, Harrod Michael Wesley Smith, Marion Samantha R. Smith, Dublin Cum Laude Andrew Vansyckle Snavely, Columbus Ethan Patrick Snyder, Hilliard Cum Laude Dylan Walter Soga, Bexley Natalie Milanne Soliday, Pleasantville Magna Cum Laude Alexander Sorige, Brecksville Scott L. Sparks, Monroeville Marcus Allen Spring, Zanesville Isabel Marie Staats, Granville Summa Cum Laude Mackenzie Daneen Staats, Howard Charles William Stanislav, New Albany Cum Laude Tiffany Nicole Starling, Marion Tyler Martin Stehle, Lexington Troy Nathan Stein, Solon Jonathan Thomas Stepp, Carroll Luke Allen Stevens, New Albany David Scott Stewart, Jr., Wapakoneta lan Todd Stoffel, Shelby Devin Delain Stoker, Black River Falls, WI

Allison Marie Streby, Fredericktown Austin Strouse, Caledonia Alexandra Catheryne Styers, Circleville Sahana Sujendran, Canton James Mark Sullivan, Columbus Magna Cum Laude Alan Micah Sutter, Marysville Sarah Elizabeth Sutton, Pickerington Vyshali Swaminathan, Findlay Maana Cum Laude Hawa Harouna Sy, Columbus Courtney Anne Taylor, Reynoldsburg Zachary Tyler Taylor, Heath James Thacker, Columbus George Christopher Theofylaktos, Seven Mile David James Thomas, Westerville Magna Cum Laude Mary Elizabeth Thomas, Grove City Sarah Elizabeth Thomas, Kenton Spencer Robert Thompson, Dublin Zachary Thompson, Mount Vernon Caitlyn Ann Timpe, Newark Summa Cum Laude Jeffrey To, Upper Arlington Cum Laude Erica Michelle Tokiwa, Mooresville, IN Kathleen Mary Toothman, Newark Kaylee Dawn Utterback, Pickerington Tonya Diane Van Winkle, Centerburg Rvan Viga, Highland Hts Joshua Michael Vogel, Dublin Thomas Theron Vogler, Lebanon Elizabeth Wainer, Gahanna Amelia Q. Walker, Carroll Maana Cum Laud Anna S. Walker, Troy Kirsten Walker, Eaton Andrew Franko Wallace, Westerville Hager Nabil Wallace, Columbus Brooke Elaine Walters, Bucyrus Cameron David Ward, Marysville Cum Laude Jacob Ian Ware, Sparta Anne Elizabeth Warner, Columbus James Bruce Warner, Norwalk Malcolm Angus Warren IV, Cardington Michael Joseph Weigand, Archbold Sierra Ashlynn Welch, Dublin Cum Laude Daniel Jacob Welsh, Pataskala Lauren Alexandra Westfall, Gahanna Jordan Tyler Wharton, Columbus Gillian Faith White, Bellefontaine Summa Cum Laude Ashley Hope Williams, Coshocton Madison Gabrielle Williams, Waldo Cum Laude Sarah Ashley Wirth, Johnstown Ross Charles Wirthman, Columbus Alexander James Wiseman, Sidney Zachary Shane Wiseman, La Rue William Lee Wollenburg, Newark Tatyana Woodall, Cincinnati Ethan James Woodie, Coshocton Alex Woodward, Reynoldsburg Olivia Renee Wysong, Metamora Justin Yamamoto, New Albany Joel Edu Yirenkvi, Columbus Maxwell Yocco, Cardington Jessica Marie Young, Bellefontaine Magna Cum Laude Qainat Zahid, Pickerington Robin Mariah Zendejas, West Portsmouth Cum Laude Yunhao Zhang, Powell

Noah Wellington Ziegler, Westerville

# The Max M. Fisher College of Business

#### Dean: Anil K. Makhija

## Bachelor of Science in Business Administration

Mousa Motasim Abbas, Dublin Samantha Nicole Abel, Wyoming Joshua Matthew Aber, Plainview, NY Julien Abi Habib, Poland Zane Christopher Abraham, Granville Cum Laude Nicholle Cassidy Acciarri, Avon Lake Andrew Adolph, Dublin Raj Agnihotri, Chicago, IL Joshua Aguilera-Alkire, San Diego, CA Gabriel Martin Akins, Columbus Magna Cum Laude Abhijith Akkaraju, Fremont Gretchen Ann Albrecht, Middleburg Heights Maana Cum Laude Rebecca Albrecht, Deerfield, WI Summa Cum Laude Nicholas James Allen, Ashville Paige Jeanette Allen, Mineral Ridge Jonathan Alper, Upper Saddle River, NJ Logan Maxwell Altman, Solon Michael Vincent Altomare, Grove City Matthew Douglas Amheiser, Piqua Saif Amin Amin, Manhasset, NY Magna Cum Laude Kareem Amr, New Albany Elizabeth Lethi Anderskow, Calabasas, CA Magna Cum Laude Sara Rene Anderson, San Jose, CA Karel Liam Andes, Novelty Kirsten Brooke Angus, Anna Kaitlyn Cecile Annandono, Warren Jason Paul Annas, Bellbrook Magna Cum Laude Jacob Michael Ansara, Lambertville, MI Cum Laud Ellen Marie Antoniades, Cincinnati Magna Cum Laude Elise Marie Antony, Hilliard Summa Cum Laud Maxim Antonyuk, Galloway Cum Laude Hannah Antosz, Ortonville, MI Maana Cum Laude Justin Nathaniel Ardman, Lansdale, PA Madison Coulter Arends, Cincinnati Shelby Elizabeth Arnett, Troy Magna Cum Laude Yuri Alfredo Arteaga, Whitehall Monica Joyce Ashenfelter, Perrysburg Michael Ashley, Cincinnati Yelena Ashrapova, Reynoldsburg Hanna Noelle Atiyeh, Pickerington Cum Laude Gunnar Hildebrandt Auger, Put-in-Bay Zakariah Yehya Aziz, Powell Magna Cum Laude Jeffrey Haab Baacke, Westerville Maria Ruth Baglier, Cincinnati Magna Cum Laude Haris Baig, Dayton Jessica Elizabeth Bainbridge, Toledo Magna Cum Laude

Danielle Marie Baiocchi, Dublin Summa Cum Laude Hailey Ann Baker, Chagrin Falls Brett Bakies, Bucyrus Magna Cum Laude with Honors Research Distinction in Einance Mark Jared Bales, Cincinnati Cum Laude Rachel Marie Bamfield, Canton Maria Elizabeth Bandwen, Wadsworth Maana Cum Laud Jackson Steven Barker, Columbus Brian J. Barnes, Strongsville Cum Laude with Honors Research Distinction in Business Management Mitchell Barnett, Penn Valley, PA Taylor Claude Barr, Lewis Center Brooke Elyse Barrow, Cincinnati Michael Barth, Massillon Elizabeth Rose Bartlett, St. Marys Cum Laude Alexander Peter Baruk, Mason Maana Cum Laud Levi Colton Bass, Ada Drew Maverek Batt, Galena Maana Cum Laude Jacob Joseph Baugh, Sylvania . Cum Laude Caroline Elisabeth Bayer, Algonguin, IL Kyrne MarVell Beauford, Indianapolis, IN Jordan Matthew Beckley, Columbus Jacob Thomas Beckman, Loveland Joshua Todd Behnke, Augusta, GA Alexis Beiwinkler, Galena Emma Maureen Belford, Canton Maana Cum Laude Marissa Zoe Belias, Arlington Heights, IL Cum Laud Samantha Anne Bell, Chagrin Falls Maana Cum Laud Ty Bender, Franklin, TN Summa Cum Laude with Honors in Accounting Amelia R. Bendle, Columbus Samantha Jayne Benjamin, Solon Kylie Bennett, Sacramento, CA Talia Marcelle Bennett, St. Louis, MO Grant Timothy Bent, Willoughby Summa Cum Laude Mary Catherine Bento, Toledo Magna Cum Laude Nicholas Gregory Bergman, Oak Harbor John Bergmann, Cincinnati Noah Michael Berko, Solon Zachary Mitchell Berkson, Dublin Mitchell Edward Bernert, Cincinnati Matthew Conrad Bernloehr, Cincinnati Cum Laude Joseph Berno, Cincinnati Cum Laude Cassandra Lee Best, Lima Summa Cum Laude Jacob Best, Negley Summa Cum Laude Rachel Best Edison Tyler Benjamin Best, Cuyahoga Falls Braden Richard Bettineschi, Beavercreek Cum Laud Talia Bhaiji, Strongsville Cum Laude Tyler Matthew Bial, Marblehead, MA 65 Emily Biblow, Huntington, NY Cum Laude Patrick Stephen Bicking, Village of Lakewood, IL Kristen Elizabeth Bienko, New Albany Jonathan Bigelow, Haddonfield, NJ Juliana Patricia Bigler, Columbus Maana Cum Laude Dustin Bingham, New Lebanon Christopher James Bisaha, Westerville Olivia Bishop, Hamilton Cum Laude Zachary Lewis Bitner, Willoughby Cum Laude Aaron Black, Reynoldsburg Davis Black, Hebron, KY Cum Laude Christopher Clay Blakely, Los Angeles, CA Austin Alan Blanton, Mount Vernon Samantha Mary Blasko, Youngstown Maana Cum Laude Emily Grace Blaszak, Naperville, IL Adam James Blunk, Mansfield Cum Laude Daniel Blust, Mason Jennifer Lynn Boals, St. Charles, IL Summa Cum Laude Monte A. Board, Stow Thomas Eugene Bolin III, Grove City Sergio Bolivar, Elmhurst, IL Nicholas Joseph Bonavico, Trenton, NJ Kyle John Booth, Ashland, MA Cum Laude Matthew Borges, Garden City, NJ Stephen Borgman, Chagrin Falls Avery Leigh Borovetz, New Albany Cum Laude Zachary Thomas Boschert, Cincinnati Justyn William Bostic, Massillon Maana Cum Laude with Honors in Business Administration Conolly Boughner, Liberty Township Michael Andrew Bougie, Nicholasville, KY Maana Cum Laude Sarah Marie Bowe, Alliance Summa Cum Laude Cole Wyatt Bowen, Coto de Caza, CA Jacob Austin Bowers, Elyria Jason Patrick Bowman, Hilliard Summa Cum Laude Lauren Amanda Boyle, Los Gatos, CA Andrew James Bradley, Macedonia Cum Laude Alexis Elaine Brady, Huron Tyler Stewart Brady, Powell Magna Cum Laude Karl Jose Braunschneider, Naperville, IL Lukas Kyle Bregar, South Euclid DeShaun James Brewington, Westampton, NJ Christine Marie Brickner, Columbus Jordan Danielle Brobst, Columbus Lindsey Broerman, Findlay Benjamin Martin Brooks, Columbus Melanie Jazz Brooks, Marengo Magna Cum Laude Reagan Alan Brooks, Avon Lake Reese Alan Brooks, Avon Lake Virginia Rose Brosnahan, Lebanon Alexander Paul Brown, Pickerington Kayla Marie Brown, Clyde Kavlie Kristine Brown, Cincinnati Lance Everett Brown, Lima Meghan Elisabeth Brown, Granville

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Pevton Hudson Brown, Toledo Cum Laude with Honors in Accounting William Jeffrey Bruschi, White Plains, NY Nicholas Frank Bucceri, Medina Cum Laude Chloe Marissa Buchanan, Columbus Maana Cum Laude Joshua Bruce Buchanan, Vermilion Zachary Leo Buchholz, Wooster Lukas George Buckley, Walpole, MA Summa Cum Laude Philip James Buerk, Monclova . Magna Cum Laude with Honors in Business Administration with Honors Research Distinction in Information Systems Matthew Bules, Sylvania Rachel Ashleigh Bules, Sylvania Kaylee Elizabeth Bullington, Portland, TN Michael Burchfield, Sylvania Cum Laude Sarah Elizabeth Burger, Palatine, IL Summa Cum Laude Colin James Burke, St. Marys Cum Laud Lindsey Nichole Burkett, Dublin Grant Davis Burks, Sunbury Maana Cum Laude Anna Burnette, Dublin Charles Patrick Burns, Springfield Haley Virginia Burns, Coraopolis, PA Andrew Bowman Burpee, Worthington Magna Cum Laude Zachary Joseph Burrelli, Girard Magna Cum Laude Anthony Shane Bush, McDermott Justin K. Bush. Johnstown Brendan Kevin Butler, Trumbull, CT Cum Lauda Sean Robert Butler, Brightwaters, NY Kay Butrey, Avon Lake Logan Cherokee Cahall, St. Petersburg, FL . Maana Cum Laude Maximilian Arthur Caliquire-Maier. Salzburg, Austria Cum Laud Emily Nicole Callicotte, Swanton Olivia Frances Candela, Ashtabula Margaret Cantor, Mason Magna Cum Laude Timothy Clement Capasso, Jr., River Edge, NJ Caitlyn Elizabeth Cappel, Cincinnati Cody J. Carey, Miller Place, NY Ryan Ellis Carey, Staten Island, NY Magna Cum Laude Andrew Dillon Carkhuff, Belmont Renee Marie Carlon, Perry Haley Elizabeth Carlson, Worthington Magna Cum Laude Brendan James Carney, Fairview Park Magna Cum Laude Owen Carr, Shaker Heights Summa Cum Laude Casey Jayne Carvalho, Georgetown, Canada Dana Valentina Castro, Hilliard Claire Elizabeth Casuccio, Jackson, MI Summa Cum Laude Grecia Catalan, Marion

Jacob Scott Catron, Columbus Summa Cum Laude Mary Catherine Cengel, Loveland Julia Bobrow Chalmers, Clarksville, MD Allen Chan Mason Cum Laude Yan Ting Chan, Hong Kong, Hong Kong Nicholas George Chatas, Northville, MI Hassan Chaudary, Mclean, VA Andrew Chen, East Brunswick, NJ Summa Cum Laude with Honors in Accounting Devin Kaifeng Chen, Cincinnati Cum Laude with Honors in Integrated Business and Engineering Jinwei Chen, Yangzhong, China Magna Cum Laude Kai-Yu Chen, Taipei, Taiwan Maana Cum Laude with Honors in Accounting Mingyu Chen, Ashtabula Ruozhao Chen, Santiago, Chile Magna Cum Laude with Honors in Business Administration Shiyao Chen, Zhanjiang, China . Magna Cum Laude Siyu Chen, Nanjing, China . Cum Laude Xin Chen, Changzhou, China Xinghang Chen, Hangzhou City, China Maana Cum Laud Yu hsuan Chen, Chaiyi, Taiwan Yuepeng Chen, Hefei, China Maana Cum Laude Yurong Chen, Shenzhen City, China Maana Cum Laude Zhihao Chen, Shanghai, China Dantong Cheng, Yangquan, China Magna Cum Laud Eric Yishien Cheng, Dublin Cum Laude Liao Cheng, Changsha, Hunan, China Nicholas Zi Xiang Cheong, Kuala Lumpur, Malaysia Gabriel Michael Chepke, Youngstown Madeline Barndt Cherry, Bowling Green Summa Cum Laude Caroline Emma Chick, Dayton Summa Cum Laude with Honors in Business Administration Yeyeon Cho, Hudson Cum Laude Yumin Choi, Plainsboro, NJ Cum Laude Ryan Church, Brimfield Nicolle Lynn Chymyck, Holt, MI Magna Cum La Jacob Leo Ciotola, Lewis Center Cum Laude Joseph Thomas Cipollone, North Royalton Haley Marie Ciupa, Cleveland Rebecca Anne Clark, East Haddam, CT Magna Cum Laude Madison Lee Clause, Lakewood Maana Cum Laude Kevin Patrick Cleary, Cincinnati Ethan Andrew Clement, Westerville Magna Cum Laude Lauren Nicole Clemons, Canton, MI Cum Laude Courtney Patricia Clody, Perrysburg Magna Cum Laude Jessica Noel Clody, Monclova Zachary David Codrea, Tallmadge Cum Laude Anthony Coduti, Arlington Heights, IL Marlena Marie Colaiacovo, Dublin

Magna Cum Laude Monica Rose Colaneri, Madison Isabella Colasante, Chagrin Falls Summa Cum Laude Madeline Mathers Cole, Cincinnati Summa Cum Laude Danielle Suzanne Coll, Wauseon Adam Richard Collins, Pickerington Allison Nicole Collins, Westlake Summa Cum Laude Lyssa Christine Collins, Westlake Daniel Colloca, North Babylon, NY Cum Laude Theodor Cosmin Coman, Sylvania Maana Cum Laude Joseph Gerald Conner, Wisconsin Dells, WI . Magna Cum Laude Nicholas Scott Conner, Dublin Kristen Danielle Connolly, East Brunswick, NJ Cum Laude with Honors in Accounting John Patrick Conroy, Loveland Cum Laude Jack Lawrence Cooper, Melville, NY Brianna Lee Cope, Columbiana Whitney Lynn Mae Cope, Columbiana Kalen Byron Corcoran, Columbus Kristen Jacob Cordts, Greenwood Village, CO Summa Cum Laude with Honors in Business Administration Vincent Joseph Coreno, Cleveland Joseph Dale Corley, LaRue Rvan Austin Corn, Woodstock, MD Cum Laude Elise Danielle Cornelius, Canton Joseph Paul Corrao, Merrick, NY Rachel Nicole Cossick, Wadsworth Cum Laud Elizabeth Courson, New Albany Cum Laude with Honors Research Distinction in Finance Natalie Therese Coury, Westlake Timothy John Cowans, Galena Andrew Pollak Cragin, Newtown, CT Maana Cum Laude Andrew Charles Craig, Columbus Cum Laude Evan Devere Cramer, Cincinnati Summa Cum Laude Aaron Ward Crawford, Bowling Green Hannah Ryan Creech, Sylvania Maana Cum Laude Skylar Sierra Crenshaw, Newport Beach, CA Cum Laude Tyler Thomas Crosson, New Albany Morgan Taylor Cugavic, Newark Maana Cum Laude Tracey Anne Culley, Delaware Abby Lynn Cummings, Venetia, PA Summa Cum Laude with Honors in Business Administration with Honors Research Distinction in Finance Mary Carlisle Cundiff Loveland Emma Teagan Cureton, Medina Margaret Monica Curoe, Cincinnati Maana Cum Laude Kevin Joseph Curry, Mason Magna Cum Laude Samuel Campbell Curry, Dublin Magna Cum Laude Caroline Marie Czulno, Arlington Heights, IL

Carrington Leigh D'Angelo, Chagrin Falls Maana Cum Laude with Honors in Business Administration Eleanor Dai, Alpharetta, GA Amber Dalal, Powell Cum Laude Hanna Grace Dalene, Lutz, FL Marissa Lee Dalessandro, Chesterland Ryan Edward Damp, Lake Placid, NY Andrew David Damschroder, Annapolis, MD Annamarie Dang, Columbus Courtney Lynne Daniels, Virginia Beach, VA Julie Josephine Danko, Fairview Park Constantine Athanasios Daskalakis, Dayton Summa Cum Laude with Honors in Business Administration Joseph Albert David, Cincinnati . Cum Laude Evan Thomas Davis, Avon Lake Joseph Vincent Davis, Dublin Summa Cum Laude Clara Jean Davison, Shawnee, KS Willis Russell Day, Grandview Heights Summa Cum Laude with Honors in Business Administration with Honors Research Distinction in Marketing Brandon Michael Dean Bryan Zachary David Dean, Bryan Eric Matthew Dearth, Brownstown, MI Ryan David Debiec, Warren Hunter Ignatius Debo, Maumee Easten Leigh Debord, Centerville Ronald Kyle Decuir, Centerville Maana Cum Laude Elizabeth Day Deeds, North Canton Cum Laude James Michael Defenbaugh, Westerville Summa Cum Laude Mason Gregory DeGraw, Hilliard Macgregor Guy Reagan DeGreen, Chaorin Falls Marissa Jean Delagrange, Cuyahoga Falls Robert Anthony DeLauro, Highland Heights Darren Kevin Delimond, Columbus Anthony Delligatti, Chesterland Austin Deneff, Bellefontaine Maana Cum Laude Chuhan Deng, Xi'an, China Summa Cum Laude Taylor Neesha Derk, Gibsonia, PA . Summa Cum Laude Kathleen Ann Devine, Lewis Center Summa Cum Laude Braxton James Dewey, Louisville, KY Noah DeWitt, Delaware Ramneet Singh Dhaliwal, Rochester, NY Jax Diaz-Miranda, New York, NY Dominic Evan DiCarlo, Steubenville Mistie Renee Dickey, Pickerington Danielle Nicole Diersing, Cincinnati Magna Cum Laud Benjamin Michael Digby, Tremont, IL Cum Laude Xiaoqin Ding, Shanghai, China Matthew Craig Dinhofer, Old Bethpage, NY Michael Anthony DiPofi, Sylvania Guido Discepoli, Cincinnati Summa Cum Laude Sarah Disselkamp, Vienna, VA Julie Tran Doan, Willoughby Cum Laude

Nikola Dodig-Drahotusky, Canfield Cum Laude Muhammad Ali Doiki, Karachi, Pakistan Cum Laud Kelsey Patrice Dollenmayer, Cincinnati Cum Laude Nathan Steven Domeck, Mason Magna Cum Laude Joseph Connor Domsitz, Brookville . Cum Laude Payton Elizabeth Donnan, Hudson Cum Laude Zachary Nachum Dorner, Champaign, IL Mark Thomas Douglas, Martins Ferry Summa Cum Laude Cailin Elizabeth Downie, Youngstown Cum Laude Madelyn Drechsler, Solon Maana Cum Laude Anne Kathryn Drury, Miamisburg Cum Laude Yuxiao Duan, Yinchuan, China Cum Laud Nathan Duffy, Columbus Evan Duncan, Dublin Molly Erin Dunn, Westlake Cum Laud Jack David Dunsire, Cincinnati Evan Ross Duro, North Canton Christian James Dutiel, Newark Kyle Dvorchak, North Canton Cum Laude Marisa Dzwonczyk, Avon Lake Erin Jane Eastwood, Columbus Cum Laude Jenna Lee Ebersbacher, Chesterland Cum Laude with Honors in Business Administration David Delmonico Eckert, Cincinnati Magna Cum Laude Austin Edsall, Dayton Magna Cum Laude Adam Leigh Edwards, Liberty Township Nicole Marie Egensperger, Willoughby Mason Anthony Egleston, Wadsworth Brian William Eliason, Strongsville Magna Cum Laude Anthony Ellis, Columbus Cum Laude Joseph Michael Ellis, Lima Cum Laude Caroline Ada Elsass-Smith, Troy Magna Cum Laude Brittany Leigh Engell, Pickerington Nathan Daniel Enos, Cuyahoga Falls Christopher Patrick Enright, Glen Ellyn, IL Faith Erb-Pearson, Brimfield William Arthur Erlanger, Pittsburgh, PA Cum Laude Jacob Robert Erwin, Westerville Carson Anthony Evans, Green Cum Laude John Andrew Evans, Columbus Matthew Evans, Raleigh Christopher John Everett, Burlington, NJ Cum Laude Madison Lea Ewing, Gahanna Cum Laude Alexis Felix Ezcurra Taiganides. North Potomac, MD Joelle Falugi, Dayton Maana Cum Laude Yusuf Hirsi Farah, Cabduwaaq, Somalia Abigail Farber, Solon Cum Laude

Shannon Brianne Farley, Marysville

Nicholas M. Farrish, West Chester Taylor Jeffrey Farthing, Bexley Maana Cum Laude with Honors in Accounting John Fay, Glenview, IL Jared Walker Febus, Dublin Andrew Stephen Feist, Green Matthew Blake Feit, Woodbury, NY Cum Laude Wenyi Feng, Guangzhou, China ZhuoFan Feng, Zhuhai, China Maria Fenters, Powell Scott Michael Fichter, Massillon Michael Thomas Fiest, Marvsville John Louis Finch, Galion Andrew Jacob Fishel, Charlotte, NC Andrew Francis Fisher, Cincinnati Cum Laude Alyssa Sari Fishman, Jericho, NY Matthew Thomas Fitzgerald, Powell Colleen Danielle Fitzsimmons, Obetz Magna Cum Laude Trevor Kennedy Fitzthum, Sandusky Elizabeth Anne Fladung, North Canton Summa Cum Laude Julia Hayley Fletcher, Libertyville, IL Maana Cum Laude with Honors in Business Administration with Honors Research Distinction in Business Management Matthew N. Foell, Mayfield Heights Andrew Joseph Fojas, Salt Lake City, UT Nicholas Vincent Foley, Dublin Vincent Steven Force, Columbus Maana Cum Laudi Richard Steven Foster, North Ridgeville Cum Laude Madison Marie Fox, Germantown Thomas Andrew Francati, Webster, NY Robert Frank, Newark Christine Marie Frederick, West Chester Alexander Jesse Frei, Springfield, NJ Maana Cum Laude Matthew Richard Freilino, Pittsburgh, PA Leo Andrew Fried, Cincinnati Cole Alexander Friedfertig, Livingston, NJ Parker Friedman, Marlboro, NJ David Michael Friesz, Westerville Troy Owen Fritzhand, Great Neck, NY Tyler James Frklech, Youngstown Jiatong Fu, Beijing, China Bryan Joseph Fuerst, Mentor . Cum Laude Cydney Rose Fugazzi, Westerville Summa Cum Laud Alexander Fuhrman, Manhasset, NY Joshua Todd Fulker, Troy Chandler Isaac Fullenkamp, Dublin Nicholas Anthony Gaetano, Canton Magna Cum Laude with Honors in Business Administration Ethan Sanford Gaines, New Albany Cum Laude Daniel Lawrence Gallagher, Bridgewater, NJ Anastasia Marie Gallick, Cincinnati Geena Christine Gamble, Brunswick Magna Cum Laude Justin Choon Wei Gan, Selangor, Malaysia Cum Laude Dawei Gao, Macau, China Clara Jane Garrett, Columbus Brookley Marie Garry, Cincinnati

Brookley Marie Garry, Cincinnati Luke Patrick Gebbie, Granger, IN Matthew Gebremedhin, Columbus Magna Cum Laude Frank Joseph Geib, Westlake Maana Cum Laude with Honors in Integrated Business and Engineering John Charles Geiger, Pelham, NY Madeline Gelis, Cincinnati Cum Laude with Honors in Rusiness Administration Aziza Genglik, Cincinnati Jonathan David Gentry, Grafton Cum Laude Grace George, Salem Cum Laude Thomas Moore Geraghty, Columbus Cum Laude Kyle Matthew Ghiloni, Gahanna Jesse Parker Giambra, Berkeley Heights, NJ Christopher Gerard Gibbs, Clifton, NJ Cum Laude Brett Scott Gibson, Rolling Meadows, IL Ross Andrew Gilley, Beavercreek Maana Cum Laude Molly Katherine Gilroy, Cincinnati Cum Laude Samantha Marian Gingerella, Morristown, NJ Cum Laude Adam Neil Girard, Westerville Summa Cum Laude Divam Giri, Columbus Megan Marie Glass, New Albany Magna Cum Laude Trent Elliott Glasser, Avon Lake Maana Cum Laude with Honors in Business Administration Emma Grace Goilo, Newburgh, IN Cum Laude Deniz Gokmen, Ankara, Turkey Maana Cum Laude Samantha Brooke Goldberg, Plainview, NY Courtney Hayes Golden, Tipp City Daniel Adam Goldstein, Plainview, NY Jonathan A. Gomez, Elmhurst, IL Alexa Jazz Goodell, Toledo Jennifer Nicole Goodman, Powell Cheyanne Nicole Gorley, Canfield . Cum Laude Cole Richard Gorski, Bowling Green Summa Cum Laude Carolyn Poole Gottsacker, Sheboygan, WI Bailey Sue Gottschalk, St. Marys Alexandria Michelle Graham, Perrysburg Maana Cum Laude Derick Donald Roy Graham, Mount Gilead Jay William Gramlich, Pickerington Patrick Crawford Gramza, Buffalo, NY Benjamin Scott Grant, Maumee Matthew Allan Gray, Zanesville Tania Gray, Los Angeles, CA Abigail Grace Green, Westerville Carli Brooke Green, Hewlett, NY Cum Laude Cody Allen Green, Wilmington Jorden Allen Greene, Richwood Zachary Gene Greenlee, Etna Summa Cum Laude Joshua James Greenwalt, Dublin Andrew Michael Grell, Macedonia Maana Cum Laude Meghan Marie Greve, Eastlake -Cum Laude William John Griffis, Okemos, MI Cum Laude Grace Custenborder Grimes, Middletown 67 Zouheir Havek, Columbus

Ian Michael Hayes, Dayton

Kelly Eileen Hayes, Strongsville

Damon Thomas Hays, Catlin, IL

Brittany Lynn Hayslett, Sidney

Kansas City, MO

Maana Cum Laude

Maana Cum Laude

Cum Laude

Cum Laude

Magna Cum Laude

Summa Cum Laude

Summa Cum Laude

Costa Mesa, CA

Maana Cum Laude

Maana Cum Laude

Management

Magna Cum Laude

Cum Laude

. Cum Laude

with Honors in Accounting

Olivia Ann Hey, Okeana

Robert Heywood, Cincinnati

Travis Jay Higgins, Johnstown

Jake Hilliard, Los Angeles, CA

Tyler Hirschfeld, Glen Rock, NJ

Emily Christine Hissong, Akron

Katherine Hlahol, Mentor

Summa Cum Laude

Maana Cum Laude

Summa Cum Laude

Summa Cum Laude

Adam Hirsch, Bexley

Cum Laude

Cum Laude

Maqna Cum Laude

Maana Cum Laude

Summa Cum Laude

with Honors in Business Administration

Gregory Matthew Holman, Dublin

Abigail Faith Holmes, Grove City

Cum Laude

David Holderbaum, Hilliard

Kelly Marie Herle, Buffalo, NY

Matthew Heithaus, Maineville

Cum Laude

Taylor Bradey Grindle, Cincinnati Ross Julian Groedel, Cleveland Cum Laude Megan Marie Groll, Cincinnati Cum Laude Evan Sprague Grootenhuis, Dublin Derek Austin Gross, St. Clairsville Cum Laude Matthew Ryan Gross, Lorain John Gruber, Cincinnati Troy Grubman, Bellmore, NY . Cum Laude Jeffrev Thomas Grudzinski, Cleveland Summa Cum Laude Anna Milica Grunder, Canton Cum Laudo Christina Jane Gu, Mason Summa Cum Laude Yiqing Gu, Shanghai, China Magna Cum Laude Ryan Patrick Guest, Solon Brooke Taylor Gulling, Lancaster Jialiang Guo, Yuncheng City, China Summa Cum Laude with Honors in Business Administration with Research Distinction in Finance Elena Marie Gutbrod, New Franklin Maana Cum Laude Jeffrey Ross Hachtel, Jr., Kalida Adrienne Elizabeth Hacker, Rockbridge Samuel Thomas Haddad, Cincinnati Magna Cum Laude Jared Michael Hagan, Covington Ty Hagberg, Columbus Brian Hageman, Dublin Julia Haiss, Solon Connor Morey Hale, Bolingbrook, IL Breanne Elizabeth Halker, Columbus Grove Jacob Randall Hall, Dublin John Hamann, Loveland Maana Cum Laude Paige McCall Hamden, Macomb, MI -Summa Cum Laude Jessica Ruth Hamilton, Powell Magna Cum Laude with Honors in Accounting lan Charles Hamlin, Akron Katelyn Dawn Hamlin, Bel Air, MD Conner Hammonds, Gahanna Samantha Marie Hampton, Bucyrus Yuchen Han, Shanghai, China Katie Marie Hanrahan, Solon Magna Cum Laude Rachel Lynn Hansen, Minerva Kathryn Jean Hanson, Winston Salem, NC Maana Cum Laude Tyler Daniel Hardin, Lewis Center Cum Laude Max William Harendza, Springboro Daniel Means Harkin, Columbus Kalin Ann Harper, Indian Lake Austin John Harsh. Delaware Elizabeth Kathryn Harsh, Cincinnati Summa Cum Laude Rachel Anne Hartley, Wilmington Summa Cum Laude Michael Kalvin Hartmann, Cincinnati Cum Laude Alexandra Elizabeth Harty, Orange City, FL Cum Laude Fatumo Hassan, Columbus Brianna Nicole Hawkins, Solon Hannah Savelle Hawkins, Grove City

Matthew Paul Holodnak, Upper Arlington Summa Cum Laud Madalyn Kay Holt, Vermilion Ke-Shawn Maurice Tyrell Hayes, Magna Cum Laude Taylor Elizabeth Homan, New Bremen Isaiah Andrew Hopkins, Westminster, VT Kaylee Coffey Hopkins, Strongsville Maana Cum Laude Macaire Paige Hopkins, Columbus Bailey Hoppes, Greenfield Elefterios George Hazimihalis, Campbell Cum Lau Qiuhong He, Xuhui District, Shanghai, China Bradley Mendel Horn, Columbus Xiaotong He, Guangzhou, China Marcus Ray Horner, Bradford Jeffrey Ross Horowitz, Massapequa Park, NY Kyle Nicholas Heery, Gibsonia, PA Benjamin Charles Horwath, Centerville Brittany June Hegeman, Bay Village Celine Sue Yin How, Petaling, Jaya, Malaysia Cum Laude Tyson Gabriel Heideman, Wadsworth Chong Hu, Ningbo, China Maana Cum Laua James Yaoyung Hu, West Bloomfield, MI Xudong Hu, Beijing, China Brandon Joseph Hempfling, Glandorf Yilin Hu, Henan, China Lihong Hua, Suzhou, Jiangsu, China Consuelo Nataly Hengstenberg, Cum Laude Amanda Elizabeth Huang, Roswell, GA Austin Dean Hennig, Randolph, NJ Magna Cum Laude An-Chi Angela Huang, Upper Arlington Jackson Tietien Henz, Hilton Head Island, SC Mengjie Huang, Wuhan, China Jordan Elizabeth Hepperle, Sammamish, WA Cum Laude Sijia Huang, Shenzhen, China with Honors in Business Administration Cum Laude with Honors Research Distinction in Business Yuzai Huang, Ningbo, China Maana Cum Laude Samantha Margaret Hubert, Babylon, NY Matthew John Herold, Strongsville Cum Laude Tristan Ann Huff, New Waterford Thomas Alexis Herrera, Northlake, IL Caroline Alyce Hughes, West Chester Cum Laude Grant Thomas Hershberger, Ottawa Taylor Hughes, Carroll Saharla Dual Hershi, New Albany Joshua Michael Humbert, Hilliard Summa Cum Laude Christopher Michael Humer, Westlake Andrew Hunold, Baltimore Kalman Epstein Heyn, Cincinnati Summa Cum Laud Andrew Logan Hunt, Lexington Emily Hunt, Mount Laurel, NJ Maana Cum Laude Cum Laude Justin Alan Hilliard, Liberty Township Magna Cum Laude Corv Daniel Hinaman, Cincinnati Courtney Jenkins Hincks, Edgewater, MD Cum Laude Anna Noel Huttner, Hinckley Magna Cum Laude Magna Cum Laude Omar Ibrahim, Merrick, NY Margaret Janet Hobson, Columbus Logan Douglas Hogrefe, Archbold Cum Laude Lauren Noelle Hohnberger, Pickerington Cum Laude Emily Morelli lott, Cleveland Maana Cum Laud Rachel Margaret Holland, Hilliard Skyler Clark Isch, Cincinnati Maana Cum Laude Lauren Michelle Holly, Dix Hills, NY

Erin Maureen Hurley, San Diego, CA Michael Thomas Huschart, Cincinnati Sean Michael Hutchins, Lewis Center Clarissa Dawn Hutchinson, Hebron Thomas Patrick Hynes IV, Yardley, PA Nicholas Aaron Idzkowski, Powell Liza Renee Imobersteg, Cuyahoga Falls Carly Marie Inkrott, Ottawa-Glandorf Alexandria Alice Jackson, Green Aliyyah Makarera Jackson, Noblesville, IN Anieli Patel Jackson, Lisle, IL Joshua Michael Jackson, Westerville

Maana Cum Laude

Joshua Reid Jacobs, Roslyn Heights, NY Shayan Ali Jamali, Chagrin Falls Adam David Jankowski, Avon Lake Maana Cum Laude Bryan Keith Janson, Beavercreek Sarah A. Jantuah-Agyeman, Columbus Austin Dean Jenkins, North Royalton Ryan William Jenkins, Ashland Cum Laude Fuheng Jiang, Shanghai, China Tao Jiang, Hefei, China Magna Cum Laude Yichen Jiang, Xining, China Cum Laud Ange Jin, Shijiazhuang, China Cum Laude with Honors in Accounting Zijie Jin, Baotou, China Magna Cum Laude with Honors in Business Administration with Honors Research Distinction in Marketing Chenlei Jing, Xi'an, China Mason Kane Jobst, Columbus Stephen Michael Johansen, Glen Head, NY . Magna Cum Laude with Honors in Accounting Alison Mackenzie Johanson, Pittsburgh, PA Maana Cum Laude Tessa Emily Johns, Medina Amanda Johnson, Columbus Zachary Allen Johnson, Washington Court House Maana Cum Laude with Honors in Business Administration Mijung Jon, Plainview, NY Aubrei Kamilah Jones, Westerville Cum Laude Nicolas Joon Jong, San Francisco, CA Martin Patrick Joyce, Hinsdale, IL Cum Laude Cole James Judge, Dublin Summa Cum Laude Ryan Jung, Columbus Emily Jurcenko, Westerville Cum Laude Brooke Sienna Kabriel, Salem, MA Brent Elden Kaffenbarger, Dublin Drita Kaili, Blacklick Anuraag Kalluri, San Ramon, CA Cum Laude Amber Kalman, Lewis Center Cum Laude Matthew Gaetano Kane, Willoughby Hills Sarah Jaclyn Kanney, Coldwater Jeffrey John Kantorak, Lakewood Hailey Alexandra Kaplan, Springfield, NJ Andrew Karan, Hillsborough, NJ . Maana Cum Laude David Kresimir Kardum, Kirtland Cum Laude Colby Byron Karel, Lakewood Magna Cum Laude Kayla Michelle Karsten, Cincinnati Neth Prajeeva Karunamuni, Wilton, CT Cum Laude Connor Liam Kasarda, Hudson Cum Laude Michael David Kase, Westerville Stephanie Lynn Kase, Westerville Conner Drake Kasson, Cincinnati Cum Laude Michelle Katona, Marengo Cum Laude

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Justin Robert Katz, Melville, NY Maxwell David Kaufman, Powell Cum Laude Brendon Sinclair Kearney, Northville, MI Kyle Joseph Kearney, Hatboro, PA Daniel Evan Kebart, Branchburg, NJ Cum Laude Claire Louise Kathryn Keel, Tipp City Kevin Patrick Keenan, Westwood, NJ Nicole Ivy Kellner, Rockville Centre, NY Magna Cum Laude Daniel Alexander Kemper, Blacklick Kyle Jordan Kempf, Lebanon Colin Michael Kempton, Cleveland Maana Cum Laude Daniel Patrick Kennedy, Dublin Magna Cum Laude Katherine Anne Kerka, Bay Village Magna Cum Laude Ashleigh Claire Kerrigan, Bozman, MD Erika Keselman, Colts Neck, NJ Saidjon Tokhirovich Khusenov, Cincinnati Cum Laude Kassidy Ann Kiesel, Louisville, KY Lauren Elizabeth Kil, Copley Erica Junghyun Kim, Boyds, MD Cum Laude Simon Kim, Dublin Cum Laude So Young Kim, Gunpo-si, South Korea Tae Young Kim, South Korea Taeyoon Kim, Seoul, South Korea Magna Cum Laude Benjamin Andrew Kincaid, Lexington, KY Brandon Michael King, Dublin Cum Laude Margaret Kinkopf, Newbury Maana Cum Laude Kaitlyn Leigh Kinsey, Lebanon Magna Cum Laude Brendan Kennedy Kirby, Columbus Maana Cum Laude Tony James Kleem, Olmsted Falls . Cum Laude Marie Anna Klein, Akron Caroline Elizabeth Kletzien. Rochester Hills, MI Maana Cum Laude James Robert Klonk, Strongsville Summa Cum Laude with Honors in Business Administration Abigail Celeste Klueh, Loveland Maana Cum Laude Bryce Jordan Kneisel, Oceanside, NY . Maana Cum Laude Kylie Andrea Knight, Plymouth, MI Summa Cum Laude Matthew Nicholas Knoell, Irvine, CA David Yule Ko, Columbus Maana Cum Laude Alexander Paul Kobelt, New Albany Domenik Koch, Dormagen, Germany . Maana Cum Laude Phillip Robert Koch, Shaker Heights . Magna Cum Laude Nicholas Daniel Koehne, Cleves Cum Laude Abigail Marie Koesterman, Montgomery Magna Cum Laude Erin Marie Koller, Pittsburgh, PA

Moyu Konishi, Glen Rock, NJ

Alec Koppes, Plain City Maana Cum Laude Gabrielle Hannah Korin, Hewlett, NY Katherine Jean Kornmiller, Mentor Rachel Lynne Kosnik, Solon Cum Laude Samuel William Koziol, Broadview Heights Francis Alexander Kratcoski, Libertyville, IL Cum Laude Kristopher Krauss, Farmingdale, NY Jacob Tyler Kreinbrink, Findlay Bryan Stephen Kristan, Canfield Cum Laude Erin Barbara Kroell, Cincinnati Summa Cum Laude Madelyn Marie Kroger, Dayton Jonathon Stephen Kronk, Commercial Point Cum Laude Kara Krosschell, Eden Prairie, MN Eric David Kulbacki, Lancaster, NY Cum Laude Daniel Jonathan Zane Kuntz, Cincinnati Andrew Lancia, Gibsonia, PA Cum Laude Joseph Beniamin Lane, Deerfield, IL Brian Joseph Lang, Hicksville, NY Erin Langermeier, Westlake Avery Catherine Langhoff, Wilton, CT Cum Laude Nicholas Reid Lankard, Sylvania Abigail Lynn Lanzillotta, Lewis Center Lauren Lapid, Galena . Cum Laude Sydney Rebecca Lapin, Solon Summa Cum Laude Simone Terese Lardieri, Pittsburgh, PA Maana Cum Laude Kaitlynn Alavna Larson, Albert Lea, MN Cum Laude Chad Laubacher, Brecksville Abigail Marie LaVecchia, Westlake Summa Cum Laude Mary Caroline Lavelle, Cincinnati Cum Laude Virginia Layfield, West Chester Ryan Anthony Leary, Springboro Cum Laude Ryan James Leddy, Broadview Heights Maana Cum Laude Cassidi Ann Lee, Powell Destiny Christiana Lee, San Jose, CA Maana Cum Laude Jaclyn Lee, Calgary, Canada Magna Cum Laude Marissa Christine Lee, Bay Village Na Young Lee, Seoul, South Korea Magna Cum Laude Sara Ann Lehman, Vermilion Maana Cum Laude Chen Lei, Shang Luo, China Connor Larkin Leighton, Barrington, IL Magna Cum Laude with Honors in Accounting Erika Jane Leimbach, Vermilion Summa Cum Laude Kyle Phillip LeScoezec, Chardon . Summa Cum Laude with Honors in Integrated Business and Engineering Laurel Lynne Lesley, Bluemont, VA Cum Laude

Krista Elizabeth Leupp, Archbold

lack Lever Glen Carbon II Maana Cum Laude Scot Raymond Levonaitis, Hillsborough, NJ Maana Cum Laude Blaine Dena Levy, Potomac, MD Cum Laude Changhao Li, Yantai, China Maana Cum Laude Chongran Li, Nanjing, China Maana Cum Laude Guanyuan Li, Shenzhen, China Guanzheng Li, Changchun, Jilin, China Shiyi Li, Zhengzhou, China Magna Cum Laude Wushuang Li, Chuzhou, China Xinyu Li, Zhengzhou, China Magna Cum Laude Yagi Li, Anyang, China Magna Cum Laude with Honors in Rusiness Administration Sara Jessica Liang, West Chester Summa Cum Laude with Honors in Integrated Business and Engineering Jesse Alexander Liberatore, Dix Hills, NY Matthew Lieberman, Melville, NY Asime Lika, Columbus Cum Laude Hannah Marie Likar, Richfield Guinan Lin, Shantou, China Summa Cum Laude Xiuzhu Lin, Chengdu, China Summa Cum Laude Zhiqing Lin, Fuzhou, China Maana Cum Laude Graham Carroll Lindquist, Liberty Township Timothy Joseph Lines, Hilliard Jacob Robert Linger, Champion Maana Cum Laude Jason Alexander Littman, Cincinnati Adam Liu, St. Louis, MO Cum Laude Lina Liu, Wuhan, China . Cum Laude Nathan Ming Liu, Ooltewah, TN Cum Laude Shaovu Liu, Taian, China Maana Cum Laude Sibei Liu, Yantai, China Magna Cum Laude Wen Chun Liu, Taipei, Taiwan Cum Laude Xinhan Liu, Changzhou City, China Yadi Liu, Changchun, China Magna Cum Laude Yihan Liu, Quzhou, China Cum Laude Yuchao Liu, Beijing, China Magna Cum Laude with Honors in Accounting Patrick Connor Livingston, Hilliard Nicholas W. Loch, North Woodmere, NY Cum Laude Ismail Hussein Lohow, Columbus Margaret Lombardi, Glen Ellyn, IL Cum Laude Madison Elizabeth Longer, Dayton Summa Cum Laude Marena Caylin Loos, Chardon Magna Cum Laude Yuan Qi Lor, Subang Jaya, Malaysia Tyler Brett Lorberbaum, Oceanside, NY Magna Cum Laude

Jill Louise Loveless, Bolingbrook, IL Cum Laude Sydney Miller Lowell, Orlando, FL Maana Cum Laud Xi Lu, Shenzhen City, China Andrew Perry Luby, Cincinnati Grant Alexander Luby, Lancaster Samantha Paige Ludes, Newport Beach, CA Magna Cum Laude Garrett Luhring, Maumee Qihang Luo, Chengdu, China Cum Laude Yimin Luo, Jinhua City, China Magna Cum Laude Mitchell Alton Lyon, Chagrin Falls Magna Cum Laude Elizabeth Lyons, Byron Center Huihan Lyu, Beijing, China Maana Cum Laude Jingyi Lyu, Jinan, China Yuming Lyu, Shanghai, China Magna Cum Laude Ling Ma, Taishan, China Cum Laude Ziyan Ma, Zhengzhou, China Garrett Dwight Maag, Findlay . Cum Laude Nina Marie Macali, Girard David S. Maldonado, Blacklick Tamoor Baber Malik, Lahore, Pakistan Laureano Christoff Manalo III, Pittsburgh, PA Madeline Leah Manassa, Riverwood, IL Summa Cum Laude John Michael Mancinotti, Toledo David Henry Mandelbaum, Croton on Hudson, NY Madeline Lauren Maneval, Canton Maana Cum Laude Faisal Z. Mangalji, Warren Summa Cum Laud Nicholas Allan Mangold, Centerville Marco Ryan Manocchio, Columbus Jackson Adam Mantkowski, Cincinnati Summa Cum Laud Julia Manty, Andover, MA Maana Cum Laude Matthew Louis Mara, Western Springs, IL Rebecca Margolin, Syosset, NY Cum Laude Katelyn Noelle Marielli, Westerville Magna Cum Laude Mackenzie Maring, Penfield, NY Cum Laude Gabriella Morgan Marino, Avon Magna Cum Laude Morgan Riley Markins, Athens Elizabeth Anne Markley, Munroe Falls Cum Laude James Patrick Martin, Farmingdale, NY Patrick Ryan Martin, Hixson, TN Cum Laude Rudolph Sterling Martin, Jr., Reisterstown, MD Magna Cum Lau Chandler John Martinez, Wadsworth Chris Masin, North Canton Jacob Mason, Sylvania Maria Elizabeth Mason, Hilliard Margaret Matthews, Hilliard Cum Laude Nicolette Katherine Matz, Cranberry Township, PA Maana Cum Laude Sara Anne Maurer, Fort Loramie Jacqueline Dear Mazurek, Hudson Anthony Patrick Mazzone, Cincinnati Kyle McAnerney, Yellow Springs Blake Dillon McAtee, Del Mar, CA 69

Andrew Joseph McCall Allison Park PA Summa Cum Lauc Elaina Rose McCarthy, Dalton Kimberly Margaret McCarthy, Toledo John Maxwell McCausland, Avon Cum Laude Morgan Elizabeth McCracken, Toledo Cum Laude Katie L. McCray, Lima Cum Laude Cortland Edward McCullers, Westerville Michael Liam McCullough, Worthington Cum Laude Brady Michael McCurdy, Columbus Maxwell Alexander McElligott, Indian Springs Thomas S. McElroy, Dublin Summa Cum Laude Ryan Donald McEntee, Strongsville Sean Thomas McEntee, Melville, NY Cum Laude Christian Barrington McGhee, Columbus Summa Cum Laude with Honors in Business Administration Lindsey Kristine McGlone, Marysville John Gregory McGue, Dublin Sawyer Benjamin McGuire, Chagrin Falls Ryan Eugene McHugh, Columbus Cum Laude Jack Austin McKelvey, Landen Matthew Philip McKelvey, Loveland Zachary James McKelvie, Philadelphia, PA Maana Cum Laude Joseph Christopher McKenna, Towaco, NJ Summa Cum Laud Daniel Stewart McKenney, Cincinnati Maana Cum Laude Kevin James McLaughlin, Westlake Cum Laude Matthew Ryan McNeeley, Maumee Cum Laude Kara Terrill McSwain, Fort Thomas, KY Maana Cum Laude Michael Joseph Meadows, Medina Zane Gregory Mealick, Newark Zavier Brodee Mealick, Newark Eleni Caroline Meehan, Maineville Summa Cum Laude Vattsa Mehta, Columbus Margaret Fearon Melhus, Akron Alexandra Merriam Menas, Twinsburg Summa Cum Laude Zhou Meng, Songzi, China Cum Laude Shamina Merchant, Broadview Heights Marisa Ann Merges, Lindenhurst, IL Maana Cum Laud Chad Messier, Victor, NY Cum Laude Daniel Meyer, Dayton Paige Marie Meyer, Mason Summa Cum Laude Pauline Nicole Meyer, Jackson Center Mary Margaret Meyo, Westfield, NJ Magna Cum Laude with Honors in Integrated Business and Engineering Addison Violet Migden, Waccabuc, NY Susan Marie Mignogna, Chagrin Falls Summa Cum Laua Alex Christopher Mikesell, Centerville Michael Milam, Painesville Cum Laude Connor Jacob Miles, New Lebanon Cum Laude Beniamin Edward Miller, Trov

Magna Cum Laude

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Brett Allvn Miller, Massillon Cum Laude Brooke Lindsey Miller, Bucyrus David Gregory Miller, Solon Summa Cum Laude Leia Katherine Miller, Smithville Magna Cum Laude Mackenzie Farley Miller, Hudson Richard Michael Miller II, Shreve Alexander Jeffrey Min, Hilliard Margaret Mary Minarik, Fairview Park Magna Cum Laude with Honors in Business Administration Mera Ahmad Miniato, Dublin Charles Booker Mira, Holland Alexander Cameron Mirabal, New Albany Maana Cum Laude Cassandra Lee Mirski, Wayne, IL Summa Cum Laude Daniel Joseph Misencik, Solon Maana Cum Laude Katelyn Anne Mistele, Pewaukee, WI Cum Laude Shandon Kierre Mitchell, Reynoldsburg Jake Mitchnick, Syosset, NY Maana Cum Laude with Honors Research Distinction in Economics in **Business** Nicholas Branko Mitevski, Galena Summa Cum Laude with Honors in Business Administration Don Joseph Mlakar, Bay Village Summa Cum Laude with Honors in Accounting Chunyan Mo, Columbus Yao Yao Mo, Lewis Center Sid Thomas Moening, Ottawa Cum Laude Mohamad Haziq Bin Mohd Zamri, Selangor, Shah Alam, Malaysia Cum Laude Sara Mohseni, New Albany Julia Rose Molee, Carv, NC Mason Monahan, New Albany . Summa Cum Laude Joshua John Monczewski, Brunswick Heath Roger Monroe, Marysville Cum Laude Meredith Montalbano, Loveland Summa Cum Laude Nicholas Anthony Moonis, Westerville Henry Moore, Columbus Kollin Moore, Burbank William John Moore, Cincinnati Alexia Kathryn Morgan, Dublin Maana Cum Laude Garrick Sean Morgan, West Chester Magna Cum Laude Isabella Pauline Morini, Strongsville Cum Laude Colton Andrew Morris, Westerville Jeffrey Garrett Morris, Liberty Township Peter Daniel Moseley, Dublin Trevor Moses, New Lebanon Kyle Mosley, South Easton, MA Maana Cum Laude Kristine Sierra Moss, New Albany Cum Laude Logan Pearce Moulton, Toledo , Summa Cum Laude Thomas Alexander Mowry, North Royalton Summa Cum Laud Nicholas Thomas Moynihan, Westfield, NJ Magna Cum Laude Patrick Joseph Mozzicato, Wethersfield, CT Michael Edward Muchnikoff, Montgomerv, NJ Cum Laud Brandon Nathan Muehl, Findlay Maana Cum Laude Joseph Matthew Muha, Brunswick Lauren Elizabeth Muir, Wadsworth Summa Cum Laude Hannah Elizabeth Muller, Bloomfield Hills, MI Summa Cum Laud Quintin Bernard Mulligan, North Kingstown, RI Summa Cum Laude Daniel Bryan Munsell, Orange Thomas Munson, Pelham, NY Joseph Daniel Murad, Cleveland Sean Thomas Murley, Westerville Kathleen Patricia Murphy, Locust Valley, NY Matthew Murphy, Hudson Magna Cum Laud Mikayla Anne Murphy, Holland . Cum Laude Benjamin Joseph Mutchler, Millbury Cum Laude Mathew Mutzner, Logan Abigail Marie Myer, Cary, NC Cum Laude Chelsea Lee Myers, Columbus Maana Cum Laud Simon Edward Nabors, Akron Cum Laud Justin Nadzan, Strongsville Cum Laude Emily Caroline Nash, Mason Elizabeth Katherine Navarre, Toledo Cum Laude William Navin, Granville Victoria Ann Neal, Coshocton Maana Cum Laude Cayman Lorenne Nebraska, Galena Nicholas Nelson, Harrison, NY Magna Cum Laude Ryan Karl Nelson, Kingsville Cum Laude Rachel Katherine Neltner, Cincinnati Jacob Jeffrey Newlove, Wauseon Cum Laude Sean Newport, Mason Maana Cum Laud Nancy Thanh Nguyen, Hyattsville, MD Maana Cum Lau Shaowen Ni, Nanjing, China Cum Laude Rachel Marie Nicodemus, Delaware Carly Anne Niehauser, Cincinnati Mitchell Niese, Glandorf Cum Laude Dane Eskandar Nikzad, Massillon Yiging Niu, Zhengzhou, China Magna Cum Laude Grant Michael Noble, Arlington Heights, IL Emma Elizabeth Noethen, Akron John Michael Nofsinger, Centerville Kelly Noriega, Mason Cum Laude Joseph Thomas Nosek, Elmhurst, IL Summa Cum Laude Andrew Stephen Notar Donato, East Lansing, MI Cum Laude Codey Michael Notestine, New Carlise Anna Elizabeth Novak, Homewood, IL Joshua Stephen Novotny, Avon Lake Kaylee Marie Nutter, Canton Cum Laude Philip James O'Connor, Haddonfield, NJ

Philip James O'Connor, Haddonfield, NJ Gabrielle O'Neill, Canton Anderson Joseph O'Reilly, North Canton Cum Laude Dale Edward Oates, Kenton Peter Obi, Sugar Land, TX Emily Louise Oldfield, North Bend Kyle David Oldiges, Cedarville Nicholas Jacob Olenskyj, Oradell, NJ Cum Laud Cody L. Ollier, Lebanon Cum Laude Gabriela Patricia Oppenheimer Lugaro, Ponce, Puerto Rico Cum Laude Renee Oppong, Columbus Michael Carl Orazen III, Hudson Cynthia Sue Orick, St. Marys Masfen M. Osman, Columbus Adam Amiad Othman, Westlake Magna Cum Laude Jana Elizabeth Owen, Cincinnati Tyler James Pajk, Dublin Robert Joseph Palkovitz, Cleveland Timothy Patrick Pallotta, Youngstown Cum Laude Claire Pan, Cincinnati Adela Pang, Dublin Cum Laud Jianhao Pang, Shenzhen, China George Pappas, Rock Island, IL Magna Cum Laude Alexander Nicholas Paratore, Rochester, NY Jessica Lucia Parillo, Youngstown Kaitlyn Zoe Park, Cincinnati Magna Cum Laude Casaundra Renee Parker, Chillicothe Summa Cum Laude Miranda Rachelle Parkinson, Wintersville Hayden Matthew Parrill, Springfield . Cum Laude Alexandra Anderson Parrish, Rockville, MD Maana Cum Laude Baley Sierra Parrott, Airmont, NY Danielle Marie Parsons, Midland, MI Magna Cum Laude Dipen Patel, Woburn, MA Diven Patel, Blue Ridge Magna Cum Laude Harsh Patel, Pickerington Janki Yogeshbhai Patel, Hilliard Jav M. Patel, Dublin Krisna Patel, Delaware Cum Laude Sagar Rajesh Patel, Westerville Magna Cum Laude Andrew Michael Paternoster, Westerville Sruthi Patibandla, Powell . Magna Cum Laude Brian Matthew Patrick, Salem Summa Cum Laude Ryan Shaweker Patrick, Kent Anthony Pavuk, Sunbury John Steven Peganoff, Avon Magna Cum Laude Zixuan Peng, Guangzhou, China Julia Jo Pepple, Wapakoneta Laura Jeanette Perch, Stow Summa Cum Laude Tyler Peresiper, East Rockaway, NY Victoria Lee Perez, Gahanna Payton Joseph Perry, Avon Lake Katherine Ann Perunovich, Severna Park, MD Chase Robert Petrie, Toledo Agnessa Petropavlovskiy, Pickerington Magna Cum Laude

Thomas Devin Petrushka Johnstown Cum Laude Andrew Pettenski Orient Cum Laude Caelan Mackenzie Phillips, Warren Cum Laude Dawei Pi, Chengdu, China Andrew James Pickard, Powell Benjamin Pierce, Dayton Summa Cum Laude with Honors in Accounting Benjamin Pieroni, Plymouth, MA Nicholas Ignatius Pietrow, Independence Magna Cum Laude Michael Pilla, Voorhees, NJ Magna Cum Laude Daniel Pinderski, Inverness, IL Cum Laude Carlin Grace Piper, West Chester, PA Cum Laude Lexington Kae Pittman, Salem Mitchell Dean Poch, Cincinnati Cum Laude Emma Penina Podolsky, Sylvania Cum Laude Lan Poe, Columbus . Cum Laude Dylan Rose Poleondakis, Medina Brandon Scott Poling, Chillicothe Daniel Stephen Pollock, Green Magna Cum Laude William Jordan Pollock, New York, NY Cum Laude Joshua Reuven Powazek, Bellevue, WA Austin Douglas Powell, Loveland Cara Power, New City, NY Cum Laude Zachary Austin Previte, Chagrin Falls Maxwell Michael Prexta, Westlake Summa Cum Laude Allyson Nicole Prince, Avon Lake Samantha Prince, Novi, MI Cum Laude James Prisco, Geneva, IL Kaitlyn Pryor, Rye, NY Jed Foster Puk-Silverstein, East Meadow, NY Jacob Pullman, Plainview, NY Caitlin Pung, Stow Maana Cum Laude Jiarui Qiang, Beijing City, China Cum Laude Xinyi Qiu, Shenzhen, China imma Cum Laude Tyler B. Quible, Cincinnati Cum Laude Alyssa Marie Quinlan, New Albany Maana Cum Laude with Honors in Business Administration Katherine Marie Raby, Avon Lake Taylor Wirth Racela, Westlake Cum Laude James Ryan Rafferty, Fairport, NY Janie Ann Rafoth, Canfield Summa Cum Laude Rachel Judith Rafoth, Canfield Summa Cum Laude Harrison Lanou Rafter, Gaithersburg, MD Siti Fatimah Nadia Binti Rahiman, Johor Bahru Malaysia Allison Renee Raies, Portsmouth Maana Cum Laude Christopher Joseph Raisanen, Lakewood Rakshitha Rajan, Aurora, IL Jeremiah Michael Ramey, Marion

McKenzie Ramser, Strongsville Maana Cum Laude Jordan Randolph, Cincinnati Jonathon Tyler Rank, Mansfield Magna Cum Laude Samantha Paige Rapp, Dublin Summa Cum Laude Phillip Lee Rawson, Twinsburg Maana Cum Laude Jack Ryan Rearden, Fort Lauderdale, FL Allison Rebenstock, North Woodmere, NY Cum Laude Kenneth Austin Rector, Akron Cum Laude John Daniel Regula, Beach City Cum Laude Jackson Reid, Rumson, NJ Magna Cum Laude Alexis Rae Reimer, Perrysburg Tyler Daniel Remeis, Bowling Green Yi Ren, Beijing, China Maana Cum Laude Samuel Shotwell Renner, Akron Summa Cum Laude with Honors in Integrated Business and Engineering Nicholas Adam Repasky, Akron Cum Laude Dustin Michael Rethman, Maria Stein Clara Margaret Rhodehamel, Upper Arlington Cum Lau Kelsey B. Rice, Tallmadge Marc Andrew Rice, Westport, MA Cum Laude Cailin Elizabeth Richard, Westerville Cum Laude Benjamin Patrick Richards, Solon Summa Cum Laude with Honors in Integrated Business and Engineering Chelsea Anne Ridenour, Shelby Cum Laude Allison Marie Rieger, Sylvania Collin Walter Rieman, Clyde Brayden Stephen Ringel, Mason Maana Cum Laude Emily Jane Rings, Delaware Maana Cum Laude Rachel Ritter, West Liberty Cum Laude Scott Patrick Robbins, Dayton Magna Cum Laude Grant Edward Roberts, Beavercreek Summa Cum Laude Tyler Daniel Rode, Lewistown Summa Cum Laude Daniel Joesph Rodgers, Naperville, IL Magna Cum Laude Gregory Parker Rogers, Cincinnati Kevin Jacob Rogers, Cincinnati Kyle Andrew Rogers, Westerville Cum Laude Rachel Lynn Rogers, Pickerington Summa Cum Laude John William Roland, Ponte Vedra Beach, FL Nathanael Romans, North Canton Sean Jeffrey Romeo, Cary, NC Maana Cum Laude Luke Chevrier Romer, Loveland Hannah Marie Romich, Wadsworth Zachary Alan Rosado, Berea Cum Laude

Maxine Karol Rosen, Warren, NJ Cum Laude Jennifer Haley Rosenberg, Solon Maana Cum Laude Mara Rosenberg, Pepper Pike Cum Laude Michael Joseph Roshetski, Encino, CA Nicholas Ryan Rosler, Edina, MN Alec Ross, Powell Cum Laude Chandler Marvin Ross, Redondo Beach, CA Cum Laude Miranda Alexandra Ross, Upper Arlington Morgan Ann Rossi, Chesterland Cum Laude Brianna Rost, Luckey Max Rothstein, Beachwood Cum Laude Rachel Rottenberg, Reisterstown, MD Emma Ann Round, Akron Summa Cum Laud Ciana Lyn Roush, Canal Winchester Maana Cum Laude Alexander Christopher Rowland, Louisville, KY Christina Anne Rozario, Highland Heights Cassandra Lauren Rozic, Mentor Magna Cum Laude Nicholas Aaron Ruble, Bellefontaine Noah Avraham Rudnick, Latham, NY Dignity Marie Ruebensaal, Chippawa Lake Laura Jeanne Ruffner, East Brunswick, NJ Maana Cum Laude Emma Grace Rumme, Beavercreek Nicholas Lawrence Runyan, Wooster William Harrington Ruppert, Cincinnati Benjamin Nicholas Rush, Laguna Niguel, CA Austin Reynolds Russell, Westwood, MA Cum Laude Paige Hannah Russo, Dix Hills, NY David Carl Ruttenberg, Cincinnati Summa Cum Laude with Honors in Business Administration with Honors Research Distinction in Finance Brendan W. Rvan, Powell Bryce Patrick Ryan, Milford, MA Magna Cum Laude Mary Colleen Ryan, Tallmadge Cum Laude Grace Elisa Rybak, Novelty Pavlo Ryzhyy, Galloway Alison Ann Sabath, Dublin Cum Laude Markus Christopher Sachtler, New Bremen Jared Austin Sacks, Merrick, NY Lauren Elizabeth Sahlfeld, Cincinnati Maana Cum Laude Kavla Rose Salant, Manorville, NY Cum Laude Luke Sam Salem, Dublin Cum Laude Kerri Sallie, Syosset, NY Benjamin Michael Salmons, Columbus Jared Paul Salopek, Gahanna Cum Laude Daniel N. Samad, Dublin Kyle Andrew Sands, Rawson Maana Cum Laude Meghan Lough Sandy, Carmel, IN Neall Sarmey, Pittsburgh, PA Cum Laude Kaitlin Renee Sartorius, Southport, NC Charles James Saunders Dublin Thomas Michael Saylor, Goshen Maana Cum Laude

Alec James Scaffidi, Pearland, TX

Kelly Michelle Scarborough, Westerville Maana Cum Laude Mark Gabriel Scarpa, Chagrin Falls Samuel Isaac Schiffman, Pittsburgh, PA Cum Laude Nathaniel Schilpp, Pittsburgh, PA Brandon Jon Schimming, Graytown Cum Laud Emily Josephine Schissler, Fair Haven, NJ Cum Laude Margaret Grace Schneider, Cincinnati Summa Cum Laude Rebecca Joy Schneider, Merrick, NY Tyler Alan Scholz, Frederick, MD Erika Ruby Schreiber, Plainview, NY Joseph Michael Schrettner, Lewisburg, WV Evan Mitchell Schroeder, New Albany Steven Edward Schutte, Maineville Alexander Philip Schutter, Hamilton Cum Laude Marlaina Palmer Schwab, Atlanta, GA Cum Laude Erica Lynn Schwartz, Ambler, PA Cum Laude Jessica Schwarz, Oceanside, NY Ryan James Schwinghamer, Springboro Magna Cum Laude Addison Valen Scott, Sylvania Daniel Scott, Dresden Magna Cum Laude Taylor Logan Scott, Powell Jon David Scully, Plainview, NY Cum Laude Lauren Jessica Seas, Alpharetta, GA Summa Cum Laude David Patrick Seatter, Shaker Heights Jason Seid, Short Hills, NJ . Cum Laude Christopher Seiss, Pearl River, NY Jenna Ann Selhorst, Bowling Green Summa Cum Laude Gabrielle Selkow, Marlton, NJ Maana Cum Laude Shannon Christine Sellari, Massillon Shawn Semmler, Edwardsville, IL Maana Cum Laude John Michael Sensibaugh, Solon Cum Laude Neriya Servant, Cincinnati Cum Laude Elizabeth Ann Severt, Wapakoneta Maana Cum Laude Julia Ann Sewell, Cincinnati Cum Laude Mahek Rajat Shah, Westerville David Shakno, Shaker Heights Cum Laude Gavin Martin Shank, Alexandria Justin Evan Shapiro, Jericho, NY Michael Casagrande Shaver, Loveland Cum Laude Harry Henderson Shaw V, Columbus Cum Laude Meghan Anne Shea, Orland Park, IL Summa Cum Laude Bridget Claire Sheehan, Johnstown, PA Joseph Alexander Baki Sheikh, Dublin Dan Shen, Kunming, China Cum Laude with Honors in Accounting with Honors Research Distinction in Accounting 71 Li Shen, Hangzhou, China Yuan Sheng, Taizhou, China Summa Cum Laude Katie Scarlett Sheridan, Dublin Ashleigh Elizabeth Sherman, Cincinnati Summa Cum Laude Keval Eric Sheth, Loveland Cum Laude Charles Shewalter, Winchester, MA Shuang Shi, Zhengzhou, China Maana Cum Laude Morgan Leigh Shinaberry, Cuyahoga Falls Cum Laude Avishi Shinde, Independence Brandon Shirey, Westerville Gretchen Ann Shisler Silver Lake Kasie Shoemaker, Westerville Cum Laude Samuel Henry Shorr, Columbus Cum Laude Chang Shu, Meishan, Sichuan, China Rebekah Anne Shuffer, Pepper Pike Maana Cum Laude with Honors in Business Administration Abigail Hermine Shuga, Lakewood Magna Cum Laude Alieu Sidibeh, Columbus Cum Laude Courtney Rose Siefker, Lima Cum Laude Bradley Austin Siekmann, Mason Emily Irene Siemer, Westerville Sydney Nicole Sill, Perry Ryan Silverman, Lido Beach, NY Cum Laude Alexis Marie Simon, Powell Brady Michael Simpson, Hilliard Nathaniel James Singleton, Pataskala Tanner Benjamin Singleton, Westerville Leah Elizabeth Sinn, Haviland Alexandra Monica Babette Sirak, Columbus Cum Laude Jake Gavin Skene, Hillsdale, NJ Summa Cum Laude with Honors in Accounting Samuel David Skilian, Kirtland Summa Cum Laude Elizabeth Skok, Cleveland Steven Vaughn Slagle, Solon Mehdy Slama, Dublin Cum Laude Kelly A. Slick-Stover, Mansfield Katie Ellese Sloniger, Champaign, IL Chad Allen Smetzler, Clyde Amanda Lynn Smith, Reading, PA Cum Laude Cameron James Smith, Westerville Summa Cum Laude Carly Rose Smith, New Lenox, IL Summa Cum Laude with Honors in Business Administration Gregory Eugene Smith II, Fairfield Lydia Jordan Smith, Louisville, KY Summa Cum Laude Michael Cullen Smith, Mount Gilead Ryan Porter Smith, Loveland Courtney D. Snell, Bellville Cum Laude Kayla Grace Snider, Hilliard Taylor Morgan Snook, New Albany Christopher Andrew Snyder, Prescott, AZ . Maana Cum Laude

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Evan Michael Snyder, Dover Xinyue Song, Wuhan, China Magna Cum Laude Yao Song, Yuyao, Zhejiang, China Cum Laude Zisi Song, Shanghai City, China Sarthak Soni, North Olmsted Magna Cum Laude with Honors Research Distinction in Finance Cullen Sowder, Savage, MN Brittany Lane Spaeth, Lynchburg Maana Cum Laude Nathanael Thomas Spain, Worthington Summa Cum Laude Sarah Dawn Sparks, Portland, OR Magna Cum Laude Rvan David Hine Speckl, Longmont, CO Cum Laude Connor James Spedding, Marriottsville, MD Cum Laude Greta A'Hearn Speidel, Cincinnati Aaron A. Spencer, Lakeville Maana Cum Laude Patrick Joseph Sperli, Rocky River Magna Cum Laud Matthew Wayne Spies, Dover Kathryn Elizabeth Spisak, Seven Hills Harshitha Sriraman, Saratoga, CA Carly Kathryn Stagge, Cincinnati Hannah Kay Stanley, Marysville Richard Boyce Stansley III, Sylvania Cum Laude Tessa Marie Starner, Bucyrus Bethanie Jean Stecher, Mason Summa Cum Laude Ashley Rose Stechschulte, Ottawa Summa Cum Laude Austin Edward Steed, Columbus Andrew James Steelman, Milton, MA Cum Laude Matthew James Steffan, Buffalo, NY Summa Cum Laude with Honors in Accounting Alexa Keane Steffl, Naperville, IL Jessica Louise Steiner, Brecksville Patrick John Stepanek, Hudson Kristin Grace Stephensen, Upper Arlington Cum Laude Lee Alan Sterle, Highland Heights Summa Cum Laude Sarah Patricia Stewart, Cincinnati Logan MacKenzie Stillberger, Sycamore Isaac Stockdale, Etna Peter William Stoecklein, Davton Cum Laude Nicholas Stone, Westerville Brenden Patrick Storm, Akron Magna Cum Laude Dustin L. Stout, Columbus Rachel Elizabeth Stover Aurora Elizabeth Strader Mentor Robert Jay Stratton, Bluffton Maana Cum Laude Charles Ellis Stringer II. Marion Maana Cum Laude Austin Craig Strohacker, Nashport Magna Cum Laude Mattie Elaine Stuckert, Bucyrus Nicholas Anthony Stull, Columbus Michael Brian Stump, Powell Tengyu Su, Yangquan, China

Chris Sullivan Willowick Summa Cum Laude Connor Sullivan, Cleveland Cum Laude Kelly Shannon Sullivan, Avon Lake Summa Cum Laude with Honors in Accounting Angelica Suma, Cleveland Cum Laude Sarah A. Sumich, Newark Steven Sun, Brook Park Maana Cum Laude Benjamin Michael Sustersic, Richfield Saverin Suteja, Jakarta Utara, Indonesia Cum Laua Hannah Ashley Sutton, Sunbury Lydia Marigot Sweed, Arlington, MA Magna Cum Laude with Honors in Business Administration Sari A. Sweeney, Commercial Point Magna Cum Laude with Honors in Business Administration Mitchell William Switala, Springboro Magna Cum Laude with Honors in Integrated Business and Engineering Devin Jordan Syar, Marysville Maana Cum Laude Connor Paul Svfko, Westerville Sean Robert Szymczak, Glen Gardner, NJ Julia Lee Tabscott, Goshen Cum Laude Motoka Irene Taira, Columbus Ryan Matthew Talarczyk, Oakwood Maana Cum Laude Daniel Christopher Talay, Lido Beach, NY Cum Laude Abigail Moriah Tam, Annadale, VA Maana Cum Laude Bingbing Tan, Lanzhou City, China Wei Jun Tan, Klang, Malaysia Yinuo Tan, Shenyang, China Summa Cum Laude Zhiyin Tan, Jiangmen, China Summa Cum Laude Chuan Tang, Zhuhai, China Summa Cum Laude Kyle Richard Tankovich, Mentor Summa Cum Laude Daniel Vincent Tassiello, Akron Cum Laude Frank James Tavolilla, Brewster, NY Darrin Martin Taylor, Sunbury Nicholas Robert Taylor, Johnstown Magna Cum Laude Nicholas George Teknos, Columbus Thomas Weston Terveer, London Cum Laude with Honors in Integrated Business and Engineering Alex Gregory Tetzloff, Liberty Township Bradyn Cole Theodor, Springfield Cum Laude Steven Robert Thiel, Johnstown Brent Thomas, Hilliard Garrett Philip Thomas, Lima Johnathan Thomas, Grand Rapids Cum Laude Ryan Bradley Thomas, Hilliard Cum Laude Sanil Thomas, Tinley Park, IL Magna Cum Laude Trent Michael Thomas, North Canton

Trent Michael Thomas, North Canton Jacob Thompson, Sunbury Jiahui Tian, Huludao, China Cum Laude Taicheng Tian, Beijing, China Maana Cum Laud Yihong Tian, Beijing City, China Zhenggi Tian, Changzhou City, China Abbey Caroline Tibaldi, Twinsburg Magna Cum Laude Joshua Lee Tidd. Lima Maana Cum Laude Brady William Tieland, Akron Cum Laude Jackson Peters Tinsley, West Chester Cum Laude Max Alexander Tisdale, Akron Fiwa Djouli Ahouefa Togbonou, Columbus Kevin David Tomasi Mason Stephen Dennis Tonnis, Cincinnati . Magna Cum Laude with Honors in Integrated Business and Engineering Hannah Topliff, Stow William Forrest Towers, Pittsburgh, PA Cum Laude Ryan C. Traut, Mason Nicholas Andrew Treiber, Hinsdale, IL Magna Cum Laude Gabrielle Alyse Trexler, North Olmsted My Trang Trinh, Columbus Summa Cum Laude with Honors in Accounting Michael Raymond Trotta, Cincinnati Cum Laude Mitchell James Trout, Cincinnati Nicole Kathryn Truman, Hilliard Hunter Tubert, Huntington, WV Bianca Tucker, Columbus Griffin Tucker, Northbrook, IL Magna Cum Laude Megan Alexis Tuokkola, Lorain Harrison Lloyd Turckes, La Grange, IL Summa Cum Laude Blake Warren Tushar, North Canton Cum Laude Joseph Andrew Unger, Cleveland . Magna Cum Laude with Honors in Accounting Nicholaus Alexander Urbaetis, Cincinnati Samantha S. Usher, Powell Magna Cum Laude Monica Ruth Valentini, Cincinnati Maana Cum Laude Sean Van De Weghe, River Edge, NJ Summa Cum Laude with Honors in Business Administration Krista Lynn Van Dyke, Bethel Park, PA Samuel Coerte Van Voorhis, Bucyrus Robert VanCourt, New Albany Parker Abigail VanFossen, Mount Vernon Gregory Alan Vargo, Northville, MI Magna Cum Laude Joshua Nathan Vargo, Twinsburg Maria Rose Vargo, Strongsville Summa Cum Laua Olivia Anne Vargo, Twinsburg Cum Laude Kane Michael Vastano, Lima Olivia Erika Vaughan, Bexlev Valerie Vichara Veak, Fairfield Joseph Lucas Venezia, Jr., Dayton Alexander Dyas Verbitsky, Dublin Madeline Reed Volosky, Pittsburgh, PA Cum Laude

Benak Hebli Vrishabhendra, Cincinnati Lydia Catherine Wachsmuth, Catonsville, MD Cum Laude Sanchit Wadhawan, Knoxville, TN Summa Cum Laude with Honors in Rusiness Administration with Honors Research Distinction in Business Management Ryan Thomas Wagner, New City, NY Kyle James Waldner, Hartville Cum Laude Sabrina Wall, Cincinnati Michael Francis Walsh, Westlake Sean Thomas Walston, Westerville Cum Laude Nicole Kathryn Walt, Wilmington Maana Cum Laude Nicole Lenae Walter, Maineville Cum Laude Boston Elliott Waltz, New Philadelphia Maana Cum Laude Nicole Wandtke, Montgomery Magna Cum Laude Changyi Wang, Beijing, China Cum Laude Eileen Wang, Athens Maana Cum Laude Hongyang Wang, Qingdao, China Maana Cum Laude Jessie Wang, Horseheads, NY Cum Laude JiaLin Wang, Baoding, China Jianxiao Wang, Guangzhou, China Maana Cum Laude Jingyi Wang, Columbus Siyu Wang, Dalian, China Xiaoyu Wang, Hefei City, China Xinger Wang, Shenzhen, China Summa Cum Laude Xinyi Wang, Xi'an, China Summa Cum Laude Yichen Wang, Harbin, China Yiping Wang, Zhuozhou, China Maana Cum Laude Yizhe Wang, Lanzhou, China Magna Cum Laude Yuepeng Wang, Hangzhou, China Cum Laude Yuzhe Wang, Beijing, China Cum Laude Zihan Wang, Nanjing City, China Maana Cum Laude with Honors in Rusiness Administration with Honors Research Distinction in Business Manaaement Zijie Wang, Zhengzhou, Henan, China Thomas Clinton Waning, Maple City, MI Audrey Emily Wanstrath, Cincinnati Cum Laude Alec Tyler Warren, Avon Calvin George Wasdyke III, Moorestown, NJ Max Brian Wasserman, Downers Grove, IL Magna Cum Laude Benjamin Paul Waterman, Prospect Luke Alexander Waterman, Prospect Kathryn Anh Watson, Gibbsboro, NJ Cum Laude Alyssa Katherine Watts, Powell

Cum Laude

Jessica Lauren Wavne, Shaker Heights Cum Laude Megan Haley Wayne, Lindenhurst, IL Magna Cum Laud Jonathon Michael Webb, Crownsville, MD Richard Anthony Webb, Aurora, IL Tyler Weber, Ontario Abigail Lyn Webster, Aurora Katherine Jane Weddell, Birmingham, MI Wesley John Wehrle, Lebanon Shihao Wei, Ningbo, China Summa Cum Laud Tianyu Wei, Beijing City, China Benjamin Ross Weidner, Dayton Madeline Alane Weiler, Loveland Tori Paige Weiner, Pittsburgh, PA Cum Laude Brian Michael Weinstein, Knoxville, TN Cum Laude Brandon Mikel Weiss, Vandalia Marc J. Weiss, Highland Park, IL Christopher Werner, Waynesville Iosie Madeline Westfall Gahanna James Nichols Weston, Longwood, FL Maana Cum Laud Harrison Wethers, Marvville, IL Cum Laude Daniel Alan Wetterich, Cincinnati Mason Matthew White, Milltown, NJ Summa Cum Laude with Honors in Accounting Lauren Jane Whitehead, Mason Lindsey Grace Whitley, South Charleston John William Widman, Chagrin Falls Magna Cum Laude Sydney Louise Wiegel, Mason Magna Cum Laude Nikolas Wilhelm Wiese, Mentor Mary Elizabeth Wiggins, Columbus John Martin Wiitala, Lakeville, MN Joanna Mykala Jean Wilburn, Pataskala Madeline Marie Wilcox, Dublin Maana Cum Laude Caroline Nicole Wildish, Darien, CT Jason Kenneth Wilhelm, Loveland Jacob Logan Wilk, Buffalo Grove, IL Maana Cum Laude Luke Alan Williams, Dublin TreChelle Suvonne Williams, Cleveland Maana Cum Laude Samantha Jo Willinger, Philadelphia, PA Cum Laude Bradley Wilson, London Jenna Leigh Wilson, Marietta, GA Cum Laude Kelsey Marie Wilson, Wyoming Joseph Stanley Wimer, Medina Samuel James Wirth, Johnstown Austin Michael Wisdom, Willoughby Cum Laude Hunter Nicolle Wise, Waterville Magna Cum Laud Kyra Wiseley, Mentor Cum Laude Christopher L. Wiser, London Maana Cum Laude Michael Robert Wisler, Windermere, FL Zachary Ryan Witzberger, Heath Alyssa Woodbury, Lakeville, MN Magna Cum Laude Kian Worcester, Powell

Jeremy Workman, Hillsborough, NJ Caroline Rose Wrafter, Derby, NY Magna Cum Laude with Honors in Accounting Elizabeth Anne Wright, Pataskala Cum Laude Di Wu, Hefei, China Magna Cum Laude Hanliu Wu, Jiangmen, China Jiakun Wu, Chengdu, China Cum Laude Ming Xia Wu, FuZhou, China Cum Laude Yanyuan Wu, Nanjing, China Magna Cum Laude Yue Wu, Handan, China Summa Cum Laude Zongliu Wu, Shijiazhuang, China Ryan Christopher Wunsch, Medina Kyle Alan Wurm, Sunbury Camille Rose Wyand, Warren Maana Cum Laude Jacob Wyborski, Saline, MI Magna Cum Laude Judy Xie. Mason Maana Cum Laude Yunwei Xie, Hangzhou City, China Xin Xin, Jinan, China Magna Cum Laude Longteng Xu, Shenzhen, China Yiming Xu, Nanchang, China Summa Cum Laude with Honors Research Distinction in Finance Zhitian Xu, Linan, China Cum Laude Jiaying Xue, Shanghai, China Maana Cum Laude Lilv Yan, Svlvania Maana Cum Laude with Honors in Business Administration John Fadel Yandam, Columbus Cum Laude Andrea Yang, Andover, MA Chen Yang, Xi'an, Shaanxi Province, China Magna Cum Laude Jingshu Yang, Taiyuan, China Maana Cum Laude Ruiqi Yang, Tianjin, China Magna Cum Laude Shuocun Yang, Tianjin, China Summa Cum Laude Ya Yang, Wuhan, China Magna Cum Laude Yuchen Yang, Nanjing, China Cum Laude lie Yao, Fulian, China Persia Francesca Yazdani, Montclair Summa Cum Laude Anna Yeager, Chesterland Sharon Yeh, Dayton Summa Cum Laude with Honors in Business Administration with Honors Research Distinction in Business Manaaement Aaron Richard Yoakum, Grove City Blake Thomas Yoder, New Philadelphia Magna Cum Laude Kevin Austin Yoder, Shaker Heights Cum Laude Alexandra Yoor, Libertyville, IL Magna Cum Laude

Benjamin Guy York, Cincinnati Justin Young, Roslyn, NY Katherine Ann Young, Bethesda, MD Cum Laude Qianwen Yu, Lanzhou City, Gansu Province, China Xiuyuan Yu, Hangzhou, China Cum Laude Carol Yun, North Ridgeville Rachel Margaret Yuricich, Hilliard Nelson Maurice Zacur, Pittsburgh, PA Cum Laude Rebecca Meyers Zagorsky, Brookline, MA Summa Cum Laude with Honors in Accounting James Joseph Zajaczkowski, Westlake Magna Cum Laude with Honors in Integrated Business and Engineering Nathan Daniel Zanzig, Green Cum Laude Evan Maxwell Zaransky, East Rockaway, NY Cum Laude Jessica Marie Zbiegien, Chardon Magna Cum Laude Jiali Zhan, Shenzhen City, China Maana Cum Laude Yungian Zhan, Yangzhou City, China Chao Zhang, Tangshan, China Chen Zhang, Shanghai, China David Hui Zhang, Pickerington Jingna Zhang, Beijing, China Cum Laude with Honors in Accounting Lanxin Zhang, Zhangjiagang, China Summa Cum Laude Rongrui Zhang, Nanjing, China Cum Laude Ruitong Zhang, Jinan City, China Shiyi Zhang, Changsha, China Weiqi Zhang, Beijing, China Yanxia Zhang, Xi'an, China Yilin Zhang, Chengdu, China Ziao Zhang, Changchun City, China Huifei Zhao, Shaoxing, China Maana Cum Laud Qiudi Zhao, Shanghai, China Rui Zhao, Shenyang City, China Sarah Zhao, Dayton Summa Cum Laude Xiruo Zhao, Hanzhong, China Magna Cum Laude Yifei Zhao, Zibo, China Magna Cum Laude Congchong Zheng, Guangdong, China Summa Cum Laud Jenny Zheng, Mason Maana Cum Laude with Honors in Business Administration Xiangyuan Zheng, ZhouShan, China Jiayi Zhou, Suzhou, China Lechun Zhou, Shanghai, China Hanshuo Zhu, Proctorville Wendy Zhu, Palo Alto, CA Magna Cum Laud Alexandra Marquis Zoldan, Canfield Summa Cum Laude Zhixuan Zong, Beijing, China Magna Cum Laud Mackenzie Janay Zook, St. Paris Jiani Zou, Hengyang, China Cum Laude Michael Christian Zuboski, Cincinnati 73

Bailey Adam York, Naperville, IL

# College of Dentistry

Dean: Patrick M. Lloyd

### Doctor of Dental Surgery

Hilary Kate Allen, Canfield B.S.

Jeremy R. Altdorfer, Belpre B.S. (Ohio University)

Zachary Nicholas Anderson, Lewis Center B.S.

Mason Alexander Bahador, Columbus B.S. (Imam Khomeini International University) Bachelor's (Sharif University of Technology) Ph.D. (North Carolina State University) Magan Cum Laude

Benjamin Ryan Blumberg, Willmington B.S. Magna Cum Laude

Christopher David Bockrath, Dayton B.S.

Johnathan M. Britsch, Sylvania B.S. (University of Notre Dame) Magna Cum Laude

Veronica Lorraine Brunet, Coldwater B.S.

Peter J. Burch, Boise, ID B.S. (Brigham Young University)

Tara Michelle Campisano, Cleves B.S. Cum Laude

Kelly Elizabeth Canavan, Loveland B.S. Cum Laude

Jonathan Leonard Castleman, Cincinnati B.S.

Katherine M. Cheffins, Powell B.A. (Miami University) M.S. (Boston University)

Hannah M. Corcoran, Piketon B.S.Nutrition

Joseph Paul Craven, Westlake B.S.

Joyce M. Crowe, Oak Harbor B.S. (Bowling Green State University)

Thomas A. Daniels, Dover B.S.Dent.Hygn.

Wade S. Dinse, Columbus B.S. (Wright State University) 74 Hieu Doan, Naples, Florida B.A. (Florida Gulf Coast University)

Aaron W. Doty, Findlay Cum Laude

Brianna Kay Durnwald, New Washington B.S.Hlth.Reh.Sci.

Cameron Casteel Ebert, Willard B.S.Hlth.Reh.Sci.

Kinnison Edmunds, Orem, UT B.S. (Brigham Young University) Cum Laude

Amanda Ellis, Canfield B.S. (John Carroll University)

Morgan B. Fay, Upper Sandusky

Alan Robert George, Groveport B.S.

Cum Laude

Bradley Joseph Girdwood, Lebanon B.S. Cum Laude

Thomas Lee Graf, Wheelersburg B.S.Bus.Adm.

Jared R. Graham, Cincinnati Cum Laude

Jonnita L. Green, Cincinnati B.S.Dent.Hygn.

Patrick Greitzer, Springfield B.S. (Miami University)

Syrus Haghighi, New Albany B.S.Dent.Hygn. Magna Cum Laude

Tarek Hassan Hammad, Dublin B.S.Hlth.Reh.Sci.

Adel N. Hasan, Columbus B.A.

Cum Laude

Zachary A. Heming, Batavia Cum Laude

Haella Elizabeth Holmes, Charlotte, NC B.S.Dent.Hygn.

Catherine M. Horwood, Westlake B.S. (West Virginia University)

Shereen A. Huff, Centerville B.S.

Gada Gobana Hunte, Whitehall B.S.

Olivia M. Johntony, Youngstown B.S. (Ohio Northern University) Pavlo Kasiyan, Parma B.S. (John Carroll University)

Sydney S. Kent, Pilot Mountain, NC B.A. (University of North Carolina)

Frederick L. Keppler, Parma B.S. (John Carroll University) Summa Cum Laude

Mohammad Zeeshan Khan, Columbus B.S.

Katherine L. Kimberly, Akron Summa Cum Laude

Andrew S. Kitzmiller, Cincinnati B.S. Magna Cum Laude

Joseph Kohan, Juneau, AL B.A. (University of Nevada) Cum Laude

Pratheek Koneru, Columbus B.A. (University of Iowa) M.S. (Cleveland State University)

Louis J. Konstan, Akron B.S. (University of Akron)

Diala Kseibi, Dublin B.S. (Kent State University)

Bryan Michael Kuhlman, Woodville B.S.Hlth.Reh.Sci. Summa Cum Laude

Matthew J. Kuiper, Caledonia, MI B.S. (Ferris State University) Cum Laude

Jamal N. Latif, Columbus B.S.

Payton R. Laws, Mason B.S. (West Virginia University)

Chase B. Leavitt, Calgary, Canada B.S. (Utah State University)

James Sungbeom Lee, New Albany B.S. (Georgia Institute of Technology)

Grant A. Leishman, Columbus

Abakore Lencho, Columbus B.S.

Jessica Leanne Lindamood, Marietta B.S.

Magna Cum Laude

Nicole Elizabeth Lochard, Sidney Magna Cum Laude

Nathan Loughridge, Celina B.S. (Wright State University) Summa Cum Laude

Miguel Angel Martinez, Columbus B.S.

Katelyn McClenahan, Erie, PA B.S. (University of Akron)

Candace Dionne McDonald, Fairfield B.S. (Xavier University)

Jacob P. Merrell, Columbus B.S. (Brigham Young University)

Julene Mnayarji, Terre Haute, IN B.S. (Indiana University) Summa Cum Laude

Joshua A. Motts, Lancaster B.A. (Miami University)

Shaun Jennifer Murphy, Grayslake, IL B.S.Dent.Hygn. Magna Cum Laude

Duane S. Neidert, Lorain B.S. (Miami University) Cum Laude

Anna Elizabeth Nissen, Toledo B.S. Magna Cum Laude

Rodney R. Norris, Youngstown B.S.Mech.Eng. Magna Cum Laude

Dhaval Patel, Gahanna B.A. (Capital University)

James E. Piner, Columbus B.S. (University of Florida)

Mitchell A. Poole, Cincinnati B.A. (Miami University) Summa Cum Laude

Brandon Michael Privitera, Geneva B.S. Magna Cum Laude

Gabriel Antonio Quiñones-Betancourt, Hilliard B.S. Cum Laude

Allison Eileen Reed, Johnstown B.S. (Wright State University) Cum Laude

Danielle Sarah Richman, Orange B.S. Maana Cum Laude

Julian William Roh, Dublin B.A. (University of Central Florida)

Elissa M. Rosner, Beachwood B.S. (University of Maryland) Cum Laude

Philip G. Roth, Pettisville Cum Laude Mark E. Ruther, Cincinnati B.S. (United States Air Force Academy) Magna Cum Laude

James N. Schooley, Upper Arlington B.S.

Cum Laua

Shbeena Shah, Columbus B.A.

Isis A. Sikainga, Columbus B.S. (Yale University)

Derrick A. Silva, Columbus B.S. (University of New Mexico)

John J. Simindinger, Lima Magna Cum Laude

Alyssa Marie Snyder, West Jefferson B.S.Humn.Ecol.

Kyle R. Spackman, Syracuse, UT

Amber Sun, Shanghai, China B.S. (Kennesaw State University)

Zunera Wahed Syed, Hilliard B.S.

Ryan S. Tanguay, Lebanon B.S. (Southern Adventist University) Magna Cum Laude

Jason Andrew Tepper, Orange B.Bus.Adm. (University of Michigan)

James C. Turvy, Bellbrook B.A. (Miami University)

Edward John Walsh, Strongsville B.S., M.S.

Emily Kathleen Walsh, Strongsville B.S. Maana Cum Laude

Maria A. Warren, Dexter City B.S. (Nova Southeastern University) Summa Cum Laude

Scott B. Welling, Columbus B.S. (Brigham Young University)

Paul Wharton, Dayton B.S. (Wright State University) Magna Cum Laude

Nicole Marie White, Cincinnati B.S.Food.Sci.

Brent Michael Whittaker, Pataskala B.S.

Yang Zhou, Fuzhou, China B.S. Magna Cum Laude

Alex Zumberger, Fort Loramie B.S., M.S. (University of Cincinnati)

# Bachelor of Science

Michelle Ann Ahlers, Edwardsville, IL Gina Follmer, Cleveland Mackenzie Marie Rummell, Youngstown Yulia Sergeyevna Shulakova, Kirov, Russia

## Bachelor of Science in Dental Hygiene

Kate Antonyuk, Columbus Cum Laude Hannah Rae Baker Circleville Cum Laude Alison Lee Baumgardner, Akron Cum Laude Kelly Ann Bueter, Chickasaw Summa Cum Laude Madison Mariann Cochran, Centerburg Cum Laude Jodee Christean Coldren, Van Buren Cum Laude Lindsay Jo Fronzaglio, Huron Magna Cum Laude Tanner Kelsey Gerlacher, New Albany Magna Cum Laude Rebekkah Nicole Haag, Loudonville Allyson Paige Hammer, Ashland Cum Laude Victoria Nicole Hansen, Georgetown TX Kailey JoAnna Harned, Columbus . Magna Cum Laude Brittini Beth Heminger, Columbus Emily Elizabeth House, Cincinnati . Cum Laude Mhairi Ann Johnston Powell Cum Laude Allison Ann-Marie Jones, Springfield Magna Cum Laude Sarah Haley Judis, New Albany Cum Laude Carli Jennifer Kahny, Cincinnati Summa Cum Laude Meredith Reneé Kennedy, Hilliard Magna Cum Laude Kaelyn Rose Koesters, Pickerington Maana Cum Laude Christina Madeline Koutras, Upper Arlington Magna Cum Laude Alycia Nicole Kruzel, Garfield Heights Maana Cum Laude Taylor Lynn Kuenzli, Mount Blanchard Olivia Rose Moyer, Zanesville Cum Laude Matilde Porcu, Powell Courtney Kaitlyn Powell, Sylvania Cum Laude Hannah Elizabeth Saltzman, Arcadia Cum Laude Rachel Anne Steinbauer, Toledo Cum Laude Anh Thanh Thuy Tran. Hochiminh City, Vietnam . Maana Cum Laude Rachel Williams, Columbus Magna Cum Laude

# College of Education and Human Ecology

Dean: Donald B. Pope-Davis

## Bachelor of Science in Health Promotion, Nutrition, and Exercise Science

Claire Allyce Allison, Carey Magna Cum Laude Annalise Celano, Spring Lake, NJ Cum Laude Kaitlyn Marie Conine, Ottawa Hannah Elizabeth Coon, Conneaut Sierra Michelle Cydrus, Chillicothe Natalie Marie Fountain, Kent Magna Cum Laude Kimberly Anna Frank, Lebanon Cum Laude Jaydon Gardner, Columbus Taylor Thomas Glancey, Columbus Gabriel Weston Horvath, Lewis Center Kelsen Marie Lewarchick Seville Cum Laude Angela N. Lontoc, Columbus Stacy Vegas Lu, Princeton Junction, NJ with Research Distinction in Health Promotion. Nutrition, and Exercise Science Elisha Magen Marger, Powell David William Martin, Urbana Nick Ryan McGrath, Beavercreek Leana Michelle Miller, Columbus Brooke Elizabeth Rigot, Oxford Cum Laude Sanchia Jasmin Riley, Portage, MI Justine Tylka, Gahanna

## Bachelor of Science in Human Development and Family Science

Hannah Kathryn Adelstein, Chagrin Falls Lauren Elizabeth Ambriz, Santa Monica, CA Megan Elizabeth Andres, New Albany Payton J. Baker, Grove City Cum Laude Alusine Mohamed Bangura, Columbus Brianna Nichole Betschel, Anaheim, CA Caroline Kuker Booth, Fort Wayne, IN Magna Cum Laude Branden Lane Bowen, Salt Lake City, UT Elizabeth Biaggina Bowman, Wellington Courtney Danielle Boyes, Ashland Jennifer Mae Brown, Kings Mills Maana Cum Laude Josh William Brown, Tipp City Kailen M. Brown, Columbus Symone Raelynn Brown, Lorain Cum Laude Megan Lynn Caldwell, Columbus Summa Cum Laude Thomas Allen Capps, Hamersville Ashley Christine Codrington, North Olmsted Shoshana Pearl Cohn, Columbus Austin Richard Colan, Lewis Center Hannah Rose Cooper, Montgomery, IL

Jade Elizabeth Croucher, Caldwell Maana Cum Lau Kelsey Perez Cruz, Cleveland Abigail Lauren Desch, Cincinnati Magna Cum Laude Alexis Marie Dowdy, Van Wert Quasia Dumas, Columbus . Maana Cum Lauc Chaya Nicole Duncan, Canal Winchester Magna Cum Laud Lauren Elizabeth Ernst, Tampa, FL Olivia N. Esterkamp, Lebanon Madison Elizabeth Falleti, Youngstown Elinor Rose Floyd, Cincinnati Summa Cum Laude Brooklynn Renee Forsythe, Mansfield Rylie Angeline Fuline, Galloway Maana Cum Laude Miranda Christine Gaitten, Columbus Jacob Conrad Goodman, Westlake Gianna Laine Guzzo, Avon Lake Audra Laine Hartman, Columbus Cum Laude Sydney Marie Helms, Tittonsville Summa Cum Laude Christian Heredia-Bauer, Fairborn Taylor Nicole Hilenski, Amherst Amy Elizabeth Hopkins, Wilmington Jared Michael Hufford, Springfield Antwuan Mendez Jackson, Jr., Ellenwood, GA Monique Rachelle Jackson, Rootstown Summa Cum Laude Hannah Marie Jerson, Chagrin Falls Maana Cum Laude Samantha Lee Jerusal, Rockford, IL Cum Laude Madison Marie Kagrise, Milford Kelsey Renee Knellinger, New Concord Kailyn AnnMarie Kocher, Youngstown Katee Kiuu Kokko, Dublin Alexandria Marie Koser, Grove City Emily Kriss, Gainesville, VA Cum Laude Laura Johanna Lakatos, North Royalton Cum Laude Sheri Suzanne Lee, Columbus Maana Cum Laude Taylor Suzanne Lonsinger, Coshocton Kara Rose Maddox, Columbus Christina Marie Martella, Cleveland Magna Cum Laud Ashauna Jane Mathews, Canton Kylah Rose Maynard, Grove City Marina Caitlyn Maynard, Marion Summa Cum Laude Molly Kathryn McNamara, Avon Lake Rebecca Louise Meeks, Columbus Summa Cum Laude Gabrielle Elizabeth Melton, Canton Tara Concetta Mick, Milford Summa Cum Laude Theresa Christine Mikolay, Canfield Summa Cum Laude De'Ja Rae Miller, Toledo Cum Laude Sydney Marie Miller, Canfield Haya Hisham Mohammad, Hilliard Darian Verone Morency, Cincinnati Michal Mussie, Reynoldsburg Symone Nashaya Mustaquim, Cleveland Danielle Lauren Nagy, Avon Cum Laude Raven Symone Neal-Jackson, Toledo Cum Laude Tanaka V. Nhong, Columbus 75

Jessica Paige Nincehelser, Johnstown Brooke Elizabeth Norman, Dublin Summa Cum Laude Katrina Rose Rama, Parma Jacyn Tatum Reeves, Holmen, WI . Maqna Cum Laude Addison Alissa Reineck, Tiffin Cum Laude Lyndsey Noel Roth, Cincinnati Nibras Saleh, Columbus Cum Laude Nora Ellen Scherer, Columbus DaJuan Seward, Ebony, VA Johnathan Bater Sharp, Fairfax, VA Cum Laude Sierra Kav-Lynn Shope, Tiffin Madelyn Lois Smith, Columbus Claire Elise Snowball, Columbus Haley Michelle Spiron, Gainesville, GA Summa Cum Laude Rachel Elena Spohr, Loveland Alyssa Rose Stanicki, Willoughby Simone Alexandria Stephens, Reynoldsburg Magna Cum Laude Kara Torrence, Powell Cum Laude Victoria Elizabeth Totten, Fairfield Cum Laude Nathan James Traini, Westerville Jennifer Trujillo, Columbus Victoria Rose Valko, Youngstown Cum Laude Kyle Joseph Veleba, Freemont . Magna Cum Laude Kelly Elizabeth Walsh, Avon Lake . Maana Cum Laude Kelly Ann Ward, Cuyahoga Falls Elizabeth Ann Weger, Rocky River Cum Laude Shevanne Claire Wilhelm, Tiffin DaToyia Denise Williams, Lakewood Allison Marie Wills, Columbus Andre' Lashaun Wilson, Maple Heights Jacob Charles Yeckley, Fremont **Bachelor of Science in** Human Ecology Aaron Ackerson, Columbus Hanna Noelle Atiyeh, Pickerington Cum Laude Neda Azzam Azzam, Kettering Joseph Michael Ball II, Centerville Devon Ray Barnes, Gallipolis Nathaniel Grey Bartman, Galena Lily Katherine Beck, Cincinnati Matthew Dennis Bender, Hilliard Zoe Rae Bixby, Zanesville Michael Leonard Bockrath, Kalida Madison Alexis Boehm, Bellville Cum Laude Samantha Cutler Bolon, Bexley Tyree Tayejan Broady, Columbus Dominique Nicole Brognia, Geneva, IL Madeleine Nathalie Camara, Conakry, Guinea Corrin Elizabeth Claycomb, Johnstown, PA Cum Laude

Shaye Jefferson Close, Norwalk Austin Coy Clutter, Geneva Rachel Tess Cohen, Syosset, NY *Cum Laude* 

Kevin Woodrow Crawford, Pataskala 76

Brice Remington Darbyshire, Fairborn Tabitha Davies, Chicago, IL Julie Tran Doan, Willoughby Cum Laude Bryson Taylor Dressel, Canal Winchester Tate Allen Duarte, Poland Mallory Ann Egan, Marion Cum Laude Wyatt Dale Ege, Elk River, MN Megan Joy Esselburn, Coshocton Cum Laude Danielle Rita Estrella, Ossining, NY Patricia Joyce Ezoua, Newark, NJ Jenna Nicole Fishelberg, Plainview, NY Kaitlin Marie Fisher, Uniontown Magna Cum Laude Katherine Ann Galuska, North Royalton Cum Laude Danielle Skye Garcia, Columbus Lauren Elizabeth Gardner, Columbus Ashley Sue Gentis, Bellefontaine Claudelyvna Gilbert, Brooklyn, NY Garrett Dean Gilroy, Waynesfield Meghan Marie Greve, Eastlake Cum Laude Colby Jordan Haranczak, Mansfield Cum Laude Alec Daniel Hartman, Columbus Luke James Herbert Gahanna Aaron Heydinger, Shelby Courtney Megan Higgins, Eria, PA Santonio B. Holmes, Belle Glade, FL Danielle Ashley Rose Horvath, Savannah Asha A. Jamal, Columbus Matthew Edward Johnson, Somerset, WI Sarah Louise Jorgensen, Huber Heights MacKenzie LaRee Kennie, Dayton Nathan Kershner, Groveport Donald Paul Kilev II. Ballbrook Isabel Lyndsay Kosar, Chagrin Falls Cum Laude Kwame Appiah Kusi, Gahanna Katie Marie Labardee, Hilliard Cum Laude Corey Joseph Lawell, Worthington Alexis Ja'mauria Lee, Cincinnati Sam P. Lombardo, Olmsted Falls Hayden H. Ludwig, Van Wert . Cum Laude Brittany Marie Mativi, Granville Brett Tyler McCord, Plainview, NY Salor McFann, Columbus

Magna Cum Laude Micaela McGoldrick, Dublin Jassica Alice McKeever, Westerville Jake Andrew McLaughlin, Sunbury Jacqueline Michelle Gheyers, Columbus Shelby Lynn Michell, Columbus Lucia Gimena Montesinos, Chicago, IL Diana Melanie Nachar, North Olmsted Noah Matthew Nardone, Roslyn Heights, NY Corrine Alexandra Venette Newsom, Fayetteville, AR Cum Laude

Marlina Deann Niezgoda, Litchfield Park, AZ Antonio Nocevski, Skopje, Macedonia Jeremy Bendixen Noe, Pickerington Mackenzie Lynn Norman, Maineville Danielle Nutter, San Antonio, TX Magno Cum Loude Meagan Elizabeth O'Rourke, New Albany Maana Cum Laude Zalak Patel, Columbus Helena Joy Pearlmutter, Roslyn, NY Madison Paige Price, Lagrange Sydney Taylor Purdon, Cincinnati Cum Laude Bruce Allen Purdy, Appleton, WI Gabrielle Parks Rathke, New Albany Barbara Louise Reed, Columbus Magna Cum Laude Rachel Elizabeth Roher, Fort Wayne, IN Taylor Rohl, Madison Gabrielle Maria Rosa, McDonald, PA Rahul Sampat, Rochester, NY Tavlor Marie Scarpello, Secaucus, NJ Mikaela Danielle Seibert, Waxhaw, NC Magna Cum Laude Justin Steven Seidenwand, Cleveland Hannah Beth Simon, Deerfield, IL Magna Cum Laude Carlee Jewel Snyder, Toledo Robert Matthew Snyder, Hamilton Taylor Nicholas Snyder, Lake Stevens, WA Breanna Renee Stein, Montpelier Cum Laude Gabrielle Alana Stephens, Shelby Cum Laude Kyle Andrew Stephens, Pickerington Ezana Alemu Taddes, Reynoldsburg Jonna Adrienne Tara, Gahanna Morgan Hope Thomas, Northfield Magna Cum Laude Carolyn Kim Tran, Westerville Andrew Tyler Wadkowski, Worthington Brianna N. Watson, Columbus Jonathan Patrick Weber, Woodstown, NJ Leah Christine Wesner, Columbus Nicholas Martin Wiery, North Lima Samuel Howard Williams, Centerville Chinyere Johari Woods, Lewis Center

## Bachelor of Science in Hospitality Management

Lincheng Zheng, China

Sarah Brooke Zavarelli, Groveport

Tori Michelle Abner, Monroe Elise Altobelli, Aurora Maana Cum Laude Haley Dyan Anderson, Chillicothe Noelle Marie Bartley, Columbus Ashley Morgan Batey, Granville Cum Laude Jordan Black, Syracuse, NY Ashley Bodine, Dublin Hollie Christie Boyd, Westerville Sydney Olivia Brennan, Lewis Center Stevie Carpenter, Cincinnati Kaylie Elizabeth Carter, Chillicothe Angela Cheshire, Columbus Alex C. Cook, Marion Brooke Cramer, Valley City Heidi Lin Cron, Covington Maana Cum Laude Anna Denega, Grove City Elizabeth Anne Ellis, San Diego, CA

Kyle Robert Feyedelem, Sandusky Lindsey Renee Fisher, Uniontown Maana Cum Laude Katie Delia Flanagan, Grandview Cum Laude Grace Elizabeth Hartman, North Olmsted Abigail Leann Heeter, Lexington, KY Althea LaNeeq' Jones, Dayton Abbey Nicole Keating, Dover Alvssa Marie Lamb, Mantua Magna Cum Laude Kaitlyn Lauren Laumann, Perrysburg Magna Cum Laude Vincent Marano, Jr., Lynbrook, NY Anna Renée Miller, Akron Maana Cum Laude Brandon Ka-Ghen Moy, New Lenox, IL Junghwan Oh, Seoul, South Korea Jenna Nicole Pfeiffer, Marion Andrew Patrick Rebensky, Philadelphia, PA Quentin James Richards, Newark Megan Stander, Milford, MI Ziqi Yang, Beijing, China

## **Bachelor of Science in Nutrition**

Kristina Abdelaal, Columbus Pradeep Acharya, Columbus Linda Dzidzor Ágbalevu, Columbus Aya Ali Amin, Powell Brittney Jean Anno, Ringoes, NJ Maana Cum Laude Suad Mohamed Askar, Columbus Adison Elaine Barnhart, Chillicothe Cum Laude Nikita Bhardwaj, Green Lindsey Marie Blair, Delaware Ana Maria Bonilla Gonzalez, Lewis Center Emily Garvin Botello, Portsmouth Maana Cum Laude Hannah Jane Cleo Burgoon, Bradford, PA Maana Cum Laude Hannah Marie Carey, Twinsburg Magna Cum Laude Brandon Keith Cmehil, Middletown Ethan DeRubbo, Pittsburgh, PA Elise M. Discher, Mason Atiya Dosani, Cincinnati Leslie Marie Edwards, Tucson, AZ Cum Laude with Honors Research Distinction in Human Nutrition Brandi Evette Eldridge, Trov. AL Laila Nicole Ettefagh, Powell Cum Laude Nicole Julia Gedney, Medina Laura Anne Ginn, Washington Court House Maana Cum Laude Jamie Golden, Birmingham, MI Jasmine Briana Hamilton, Centerville Claire Hasley, Oak Park, IL Anna Kathleen Hayes, Columbus Andrea Flynn Heffelfinger, Loudonville Rachael Michelle Holt, Gahanna Hadeel Hussein, Hilliard Jennifer Lynn Irving, Findlay Magna Cum Laude Nathan Michael Justice, Grandview Heights

Olivia Grace Kamer Westerville Maana Cum Laude Navroop Kaur, Columbiana Cum Laude Madeline Sarah Kreck, Wenonah, NJ Cum Laude Kelsey Lynn Lappert, Worthington Chloe Nicole LaRosa, Austin, TX Maana Cum Laude Samuel Magno Laus, Lancaster Jacob Leung, Montpelier Summa Cum Laude Kathleen Laurelle Malas, Bellbrook Lindsey Anne Matulis, Milford Magna Cum Laude Dylan Edmund McEarland, Ottawa Taylor Ann Momburg, Lewis Center Paige Nicole Myers, Solon Brianna Nicole Orchard, Findlay Alana C. Osterday, Loveland Daniel Lee Pendergrast, Columbus Madeline Rose Perry, Sidney Cum Laude Kevin Phan, Pickerington Jillian Tate Pierson, Toledo Avinash Pokala, Lewis Center with Research Distinction in Human Nutrition Beatrice Porcu, Powell Kelsey Danae Reese, Mount Cory Mia Elizabeth Rossi, River Vale, NJ Ashlev Gamuchirai Samu, Columbus Camryn Elizabeth Schwab, Richmond, VA Maana Cum Laude Nand Mayur Shah, Columbus Olivia Shawnee Small, Sunbury Makalia Monet Smith, Cleveland Delaney Mckenna Spencer, Springboro Leslie Ann Stewart, Lexington Brittney Lynn Sullivan, Troy Melissa Tremblay-Roulier, Montreal, Canada Elizabeth Tracy Walsh, Cincinnati Alyson Nicole Wickemeyer, Massillon Meghan Dineen Wourms, Middletown Summa Cum Laude Halime Zulal Zeren, Istanbul, Turkey Shiqi Zhang, China Maana Cum Laude Yunxi Zhang, Shenzhen Cum Laude Maria Louise Zulliger, Columbus Summa Cum Laude **Bachelor of Science in Education** 

Alexandra LeeAnne Abrams, Harpster Trey Nevada Cherokee Adams, Monroeville Jennifer Lynn Albaugh, Columbus Magna Cum Laude Kaleigh Sander Alden, Gahanna Cum Laude Emily Marie Allen, Perrysburg Chase Mitchell Altier, Somerset Mark Louis Antonelli, Medina Cum Laude Andrew Jordan Antrim, Philo Cum Laude Nicholas Ryan Arleo, Huntington, NY Andrew Troy Arnett, New Knoxville Cassidy Aughe, Dayton Summa Cum Laude Meg Elizabeth Bailey, Newcastle, Australia . Maana Cum Laude Garrett Jordan-Michael Bair, Pasadena, MD Alaadeen Faraj Bajes, Cleveland Alec Michael Baker, Broomfield, CO Alex Michael Baker, Lima Justin Eric Baker, South Lyon, MI Michaela Danielle Baker, Bellefontaine Kaitlyn Nicole Ball, Mount Vernon Maana Cum Laude Rula Matanous Ballat, Simi Valley, CA Margaret Kathleen Barton, Westerville Magna Cum Laude Hailey J. Batross, Delaware Cum Laude Caroline Marie Battin, Grand Rapids Cum Laude Laura Faith Beale, Akron Cum Laude Cory Tyler Bell, San Diego, CA Deja Sharvae Bell, Washington, D.C. Maya Shlomit Ben-Yosef, Olney, MD Kelsey Ann Benassi, Bethel Maana Cum Laude Brittney Danielle Neja Berberick, Columbus Maana Cum Laude Noah Best, Toledo Maana Cum Laude Taenyshia Tazumi Blas Ruiz, Yauco, Puerto Rico Summa Cum Laude Tyler Hudson Blechschmid, Aurora Summa Cum Laude Daniel Joseph Boecker, Arlington Cum Laude Erika Marie Boehm, Sunbury Eva Rebecca Bogomolny, Cleveland Maana Cum Laude Adam Nicolas Booze, Millersport Haakon Borstad, Upper Arlington McKenzie Jacalyn Bostic, Sammamish, WA Samantha AnneMaree Bowie, Atlanta, GA Summa Cum Laude Emily Lauren Brant, Baldwin, NY Maana Cum Laude Monica Bravo, West Lafayette Summa Cum Laude Elizabeth Renee Brehm, Delaware McKenna Catherine Brinton, Strongsville Cum Laude Olivia Katherine Britt, Hilliard Magna Cum Laude with Honors Research Distinction in STEM Education Patrick John Brockert, Elida Clay David Brown, Minster . Cum Laude Tayler Nicole Burchett, Lima Hunter Reed Burnett, Milford Center Cum Laude Heather Christine Bush, Westerville Summa Cum Laude Sarah Rose Butsko, New Albany Maana Cum Laude Dustin Moore Carlson, Forest Lake, MN Jarred Jason Carpenter, Wapakoneta Brittany Elizabeth Carruthers, Circleville Cum Laude Nicole Juliana Castor, Bowling Green

Victor Chamberlain, New Albany Magna Cum Laude Danfeng Chen, Foshan, Guangdong Summa Cum Laude Irvna Chernitska, Koselle, IL Maana Cum Laude Hugh Brady Anson Cherry, Lapel, IN Madison Sloane Cheyunski, Pickerington Maana Cum Laude Corrine May Cicale, Cincinnati Maana Cum Laude Nicholas Graves Cioffi, Providence, RI Cum Laude Emily Logan Clark, Prospect Cassandra F. Clawson, Zanesville Sarah Nicole Clawson, Reynoldsburg Summa Cum Laude Shannon Clipner, Sunbury Summa Cum Laude Shannon Renee Coil, Delphos Cum Laude Lindsev Elizabeth Cole, Wharton Maana Cum Laude Brandon Matthew Compton, Baltimore Magna Cum Laude Mackenzie Elizabeth Copeland, Wapakoneta Tessa Marie Coulson, Ada Mitchell Bertram Cousins, Westerville Jordan Renae Crawford, Lebanon Cum Laude Matthew Ray Crawford, Columbus Brady Andrew Crea, Lima Claire Alexandra Cressman, Medina Summa Cum Laude Briauna D. Cromer, Westerville Magna Cum Laude Karlie Jean Cronin, Oakton, VA Magna Cum Laude Anna Marie Curth, Jenera Mia Mackenzie Dalrymple, Crooksville Mariorie Rebekah Dawson, Shelby Maana Cum Laude Agustina de Leon, Young, Uruguay Magna Cum Laude Jillian Laraine Deas, Columbus Cum Laude Jessica Marie Deitering, Columbus Cum Laude Brooke Ann Dennison, Loudonville Wesley Detter, Defiance Ashley Dickson, Fredrick, MD Magna Cum Laud Grant Jeffrey Dierksheide, Columbus Cum Laude Taylor Elizabeth Donovan, Kettering David James Doster, Sandusky Sarah Christine Stevenson Draper, Cincinnati Summa Cum Laude Allyson Hope Duckworth, Hilliard Cum Laude Mackenzie Ann Duffey, Sunbury Madelyn Dukart, Cincinnati Magna Cum Laude Katelyn Sarah Dunnick, Delaware Cum Laude Janice M. Durr, Galena Kevin Christopher Earles, Springboro Brooke Annette Edwards, Goshen Magna Cum Laude Maxwell Peter Edwards, Sterling Heights, MI Maana Cum Laude William Grimes Ehrhorn, Jr., Gaithersburg, MD Emilia Nidgama Elabed, Cleveland Taylor Katlyn Elliot, Mansfield Cum Laude Abigail Grace Elliott, Lebanon Summa Cum Laude Noor Abdallah Elwawi, Hilliard

Carlton Lamar Embry II. Cincinnati Rachel Emmerson Nesconset NY Summa Cum Laude with Honors Research Distinction in Integrated Language Arts/English Education Kade William Enders, Medina Cum Laude Derek Wiseman Evans, Columbus Christopher John Everett, Burlington, NJ Cum Laude Victoria Anne Fantozzi, Florence, NJ Alex C. Febles, Cape Coral, FL Olivia Grace Febus, Hilliard Catherine Rose Ferrara, Rockville Center, NY Maana Cum Laude Trent Daniel Ferry, Leetonia Magna Cum Laude Madison Barbara Field, Oakville, Canada Shannon Finnearty, Athens Summa Cum Laude Andrew Michael Fischer, Round Lake, IL Rebecca Rene Fisher, Lima Devin Patricia Foley, Brunswick Kobie Jerome Foppe, Phoenix, AZ Katelynn Mae Foster, Sylvania Summa Cum Laude Cole Gregory Fresher, Greenwood, IN Amber N. Fridley, Columbus Emilia Irene Frizzi, Veroina, NJ . Magna Cum Laude Rex Taylor Frost, Canal Winchester Cum Laude Patsy Tessa Marie Fry, Thornville Summa Cum Laude Katherine Ann Fugitt, Columbus Summa Cum Laud Tabitha Catherine Fuller, Baltimore, MD Daniel Johnson Funk, Westerville Nicole Christine Fusco, Dublin Maana Cum Laude Serena Elise Gale, Chillocothe Anastasia Marie Gallick, Cincinnati Julie Garcia, Akron . Summa Cum Laude Jordann Danielle Garrett, Shelby Maana Cum Laude Brianna Marie Gazmarian, La Canada, CA Jordan Rae Geckler, Canton Magna Cum Laude Mia Jessalyn Gehrmann, Oak Harbor, WA Maana Cum Laude KiLee Michele Genslinger, Germantown Cum Laude David Jason Giesige, Celina Cum Laude John Aaron Gillum, Shiloh Myriah Monet Gillum, Pickerington Summa Cum Laude Claire Elizabeth Gilmore, Mariemont Theodore William Gorman, Westerville Gabrielle June Goshorn, Chillicothe Magna Cum Laude Chase Rylee Green, Lewis Center Chase Thomas Green, Enon Magna Cum Laude Zachary Heath Gregory, Columbus Cum Laude Spencer Grisvard, Powell Cum Laude Karley Cheyenne Groene, Cincinnati Cody Evan Grogg, Mansfield Magna Cum Laude Alysa Raylyn Grove, Perrysburg 77 Allison Quinn Guist Columbus Cum Laude Alexandra Nicole Gurka, North Royalton Summa Cum Laude Bethany Elaine Gwinn, Baltimore Kathryne Fay Halloran, Fort Wayne, IN Magna Cum Laude Keanna D. Hanefeld, Continental Summa Cum Laude Brittney Elizabeth Hanks, Delaware Claire Kathryn Hardesty, Lewis Center Cum Laude Helen Marie Hardy, Sunbury Christopher Heath Harley, Parma Sierra Amber Harmon, McGuffey Maana Cum Laude Ashar Sahtia Harris, Columbus Emma Rachel Harris, Westerville Maana Cum Laude M. Aidan Hartsell, Worthington Cum Laude Karissa Marie Hartzell, Andover Cum Laude Nicole Marie Harvey, Sunbury Maana Cum Laud Megan Nicole Hastings, Barnsville Maana Cum Laude Sabir Deepak Hathiramani, Great Falls, VA Cum Laude Mahala Katherine Haughn, Liberty Center Maana Cum Laud Joshua Heiferling, Auburn Cum Laude Stephanie Nicole Henderson, North Royalton Cum Laude Kelsey Jordan Hendrix, Tiffin Magna Cum Laude Madison Henschel, Bucks County, PA Summa Cum Laude Alexander Jacob Herman, Hilliard Lydia Dreyfuss Herman, Pittsburgh, PA James Vernon Herten, Cleveland Magna Cum Laude Austin Herzog, Defiance Andrew Fulton Hetherington, Worthington Maana Cum Laud Justin Scott Hill Dublin Summa Cum Laude Maddison Taylor Hire, Grove City Magna Cum Laude Kayann Nicole Hoffman, Hebron Summa Cum Laude Alyssa Anne Holbert, Newark Elisabeth Amy Holbrook, St. Marys Cum Laude David Loren Hooker, Loveland Tawni Alise Householder, Pataskala Summa Cum Laude Ashlev Marie Howard, Ontario Summa Cum Laude Jacob Philip H. Huber, Marysville Cum Laude Ronald Mitchell Huge, Cleveland Rebecca Joy Humbert, Ontario Valerie Hunt, Florence, KY Genevieve Lynn Hurlburt, Lewis Center Maana Cum Laude Wonjung Hwang, Seoul, South Korea Brooke Marissa Insler, Cleveland Cum Laude Jessica Marie Isler, Windham Julia Italiano, Algonquin, IL Maana Cum Laud Cleveland Alan Jackson, Jr., Charlotte, NC Marko Robert Jamsek, Westlake

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Alexander Joseph Janis Cleveland Cum Laude Nicolas Kenneth Jarrell, Toledo Cum Laude Cameron Wilson Johnson, Columbus Erin Johnson, Avon Lake Summa Cum Laude Allison Kate Johnston, Dublin Cum Laude Tyler Frederick Johnston, Bluffton Cum Laude Emily Kathryn Jones, Lima Maana Cum Laude Lainey Elizabeth Jones, Cleveland Magna Cum Laude Micah James Jordan, Columbus Magna Cum Laude Danielle Morgan Justice. Thornville Maana Cum Laude Joseph Michael Juza, St. Joseph, MI Maana Cum Laude Katherine Grace Kachnowski, Tarrytown, NY Summa Cum Laude with Honors Research Distinction in Educational Studies Karli Kaziah Anne Kanicki, Ashtabula Summa Cum Laud Gaylen Taylor Kaple, Columbus Magna Cum Laude Nicole Lynn Kappeler, Columbus Brooke Mary Karl, Tiro Zoe Rose Karstadt, New Castle, PA Summa Cum Laude Marissa Lane Kashmiry, Powell Alyssa Morgan Katon, Gaithersburg, MD Cum Laude Mary Kathryn Keethler, Upper Arlington Melissa Ann Kelleher, Xenia Maana Cum Laude Jordan Scott Kelley, Marion Larissa Susan Kennedy, Lodi Cum Laude Danielle Kirk, Carroll . Magna Cum Laude Beau Anthony Kirkbride, North Canton Madalyn Hahn Kistner, Liberty Center Oliver Patrick Knabb, Reading, PA Jessica Katherine Koberg, Rocky River Magna Cum Laude Jasmine MIchele Koonts, Tomball, TX Kelly Elizabeth Kratofil, Boardman Summa Cum Laude Joshua Scott Kravitz, Columbus Joshua Krebs, Centerville Kasey Anthony Krendl, Lima Cum Laude Kassandra Valerie Kudler, Poland Maana Cum Laude Sarah Kulp, Hilliard Hannah Grace Kumler, Lancaster Summa Cum Laude Brandon Hunter Kurnit, Plainview, NY Cum Laude Rebecca Lynn Kuss, Wadsworth Massimo Antonio La Cerva, Delaware Cum Laude Emma Victoria Lambert, Mansfield Nathan Reed Langenfeld, Bellefontaine Brandon Larkin. Columbus Katlyn Marie Lauderbaugh, Shelby Cum Laude William S. Lawson III, Fostoria Cum Laude

Jaylah Marie Leary, Cincinnati

Zachary James Ledford, Westerville Cum Laude Bethany Cecelia Lee, Columbus Summa Cum Laud Brooke Elaine Lee, Memphis, TN Maana Cum Laude Megan Heather Lehwald, Salem Maana Cum Laude Joseph Michael Leitz, Willard Cum Laude Olivia Rose Lenkei, Mount Vernon Mark Andrew Leopold, Richmond, VA Kaishin Lin, Teaneck, NJ Anya Kiera Loar, Columbus Maana Cum Laud McKensie Rose Logan, Tipp City Megan Catherine Long, Lima . Magna Cum Lau Rachel Jane Nicole Long, Westerville Maana Cum Laude Tiffany LeeAnn Long, Kenton Cum Laude Brittany Anne Lower, Lewis Center Summa Cum Laude Cailey A. Lower, Lewis Center Magna Cum Laude Heather Jo Lowry, St. Parris Maana Cum Laud Taylor Diane Luckhaupt, Cincinnati Summa Cum Laude Jordan Fitzgerald Luedtke, St. Charles, IL Magna Cum Laud Marieme Gueleye Ly, Senegal Cum Laude Gregory Maginn, San Diego, CA Cum Laude Audrey Evan Maloy, Akron Brittany Ann Manning, Hillsboro Magna Cum Laude Daria Alexandria Manns, Columbus William Jerome Marshall II, Columbus Myles Najee Martin, Penns Grove, NJ Melissa Martinez, Paulding Cum Laude Griffin Anthony Martz, Dublin Morgan Lynn Massarelli, Leesburg, VA Cum Laude Nicole Marie Matteo, Mentor Magna Cum Laud Erin Kathleen McAlhaney, Rolling Meadows, IL Cum Laude Jeffrev William McCannon, Jr., Pinellas Park, FL Taylor Paige McCulley, Youngstown Magna Cum Laude Morgan Leann McDowell, Willard Summa Cum Laud Patrick William McEuen, Cuyahoga Falls Sarah Campbell McGurk, Warrenton, VA Taylor Anne McIlwaine, Upper Sandusky Cum Laude Carlee Ann Merklin, Columbus Summa Cum Laude Kindrea Nicole Messer, Cleveland Nicole Renee Meyer, Liberty Center Summa Cum Laude Ryan Craig Milliken, Chillicothe Haley Breann Miner, Marion Morgan Ashley Morris, Gahanna Stephen Richard Morris, Lewis Center . Summa Cum Laude Ruby-Tuesday Morrison, Sidney Magna Cum Laude

Maana Cum Laude Hannah Leigh Mossing, Perrysburg Maana Cum Laude Zachary Darnell Myracle, Vermilion Cum Laude Rachael Suzanne Napier, Willard Cum Laud Margo Ann Nelis, Cincinnati Cum Laud Justin Dean Newark, Medina Jessica Ni, Richfield Cum Lauc Olivia A. Nikol, Woodcliff Lake, NJ Jessica Lynn Noland, Wooster Maana Cum Laude Jacy L. Nowak, St. Clairsville Mary O'Brien, Lewis Center Cum Laude Daphne-Jane Brookman Ocran, Liberty Township Cum Laua Gregory Wayne Oden, Indiana Lauren Alysse Osborn, Columbus Cum Laude Carlie Marie Owens, Lexington Destiny Marie Panteloukas, Cleveland Miri Nai Park Chang, Mexico Maana Cum Laude Ashley Nicole Parsons, San Jose, CA Magna Cum Laude Katie R. Partin, Green Nicholas Braden Pauff, Gomer Reginald Jonathan Peacock II, Homewood, IL Micah Engle Pease, Celina Magna Cum Laude Kyra Alexandra Peeks, Columbus Marcus Phelps, Strongsville Anna Katherine Pierce, Gahanna Cum Laude Emily Ann Pina, Gahanna Cum Laude Grant Jon Pinchot, Solon Lillian Ruth Piper, Norton Nicholas Shawn Pomeroy, Mount Gilead Taylor Matthew Milton Poole, Columbus . Magna Cum Laude Beatrice Betty Quinn, Lagos, Nigeria Caleb Israel Ramirez, Blythe, CA Hayden Thomas Ramsey, Arcadia Matthew Joseph Rath, Strongsville Magna Cum Laude Taylor Danielle Rathbun, Huron Magna Cum Laude Jonathan Rawley, Canton Rachel Clark Rayborn, Park Ridge, IL Summa Cum Laude Hannah Kathryn Reese, Centerville Magna Cum Laude Shaun Michael Reid, North Babylon, NY Makayla Elizabeth Rein, North Baltimore Maana Cum Laude Jack Kenneth Reining, St. Mary's County, MD Makayla Autumn Riegel, Marion Lyndsey Marie Rindler, Tipp City Summa Cum Laude Jacob Christopher Ritchev, Powell Hannah Morgan Ritter, Grove City Maana Cum Laude Megan Katelyn Roberts, Powell Maana Cum Laude Keri Rennee Robinson, Mount Victory Magna Cum Laude Zac Paul Robinson, Wauseon Maana Cum Laude

Courtney Frances Mosgrove, Cridersville

Drake Barclay Roebuck, Bellafontaine Sebastiaan Roelants, Brussels, Belgium Hannah Marie Rogers, Warren Maana Cum Laude Ashley Nicole Rondy, Columbus Magna Cum Laude Michael Joseph Roshetski, Los Angeles, CA Anthony Lukas Rotz, Fairfield, CT Lia Kristen Roundcount, Grafton, IL Olivia Bailey Royse, Upper Arlington Magna Cum Laude Addyson Lee Ruby, Overland Park, KS Cum Laude Sarah Elizabeth Ruff, Circleville Summa Cum Laude Megan Ann Ryan, Avon Lake Maana Cum Laude Robert Bartley Sakosky, Columbus Matthew Robert Sallade, Lancaster, PA Gabriel Michel Sanchez, Lexington Benjamin Marc Sanders, Robbinsville, NJ Summa Cum Laude Natalie Renee Sayre, Crestline Olivia Marie Schmenk, Kalida Cum Laude Sonya Rena Schmid, Newark . Maana Cum Laude Mallory Anne Schmitt, Cincinnati Maana Cum Laude Alexander Edward Schoepfel, Rochester, NY Maana Cum Laude Zachary Reed Schreiber, Great Neck, NY Alex Lee Segbers, Pickerington Magna Cum Laude Max Mark Seipel, Avon Lake Cum Laude Lexis Samantha Sens, Marion Summa Cum Laude James Joseph Sferra III, Chagrin Falls Maya Shaaban, Damascus, Syria Summa Cum Laude Alexis Brittany Shambaugh, Ontario Maana Cum Laude Faryaal Shamim, Hilliard Summa Cum Laude Hannah Danielle Sharrer, Pittsburgh, PA Magna Cum Laude Austin Scott Shaver, Killbuck Magna Cum Laude Xia Shen, Jiangsu, China Summa Cum Laude Paul Joseph Shortman, Hudson Andrew Wayne Shrake, Canton Maana Cum Laude Dana Rachel Shulman, Hillsdale, NJ Maana Cum Laude Shawna Dyan Shultz, Columbus Jenna Rose Siegel, Randolph, NJ Magna Cum Laude Brooke Ashley Smith, Old Washington Megan Grace Smith, Springfield . Maana Cum Laude Rebekah Lynn Smith, Newark Cum Laua Stacie Nicole Snyder, Groveport Magna Cum Laude Lauren Ann Spangler, Worthington Summa Cum Laud Kyle William Spray, Newark Matthew Kenneth Stanley, Columbus Brian Starbuck, Hilliard Kelsev Lynne Steiger, Stow Summa Cum Laude

Mackenzie Christine Stevens, Park Ridge, IL Cum Laude Nicholas Douglas Stewart, Westerville Maana Cum Laude Edward Arthur Stoll III, Granville Cum Laude Mallory Stolly, Bellefontaine Summa Cum Laude Kerri Ann Strausbaugh, Scarsdale, NY Summa Cum Laude Allison Marie Streby, Frederickton Matthew Frederick Studenmund, Marysville Cum Laude Ashlee Dawne Swartz, Mount Orab Cum Laude Corinne Elizabeth Taylor, West Chester Maana Cum Laude Laura Jane Taylor, Grand Island, NY Maana Cum Laude Edward Lee Thomas III, Norfolk, VA Emily Rachel Thomas, Columbus Summa Cum Laude Maurice Thomas, Akron Zakary Lynn Thomas, Lima Nathan James Timpe, Swanton Magna Cum Laude Destany Nichole Todd, Columbus Sarah Abigail-Rae Trombly, Loveland Cum Laude Morgan Elaine Turner, Dublin Megan Jewel Ulrich, Curtice Maana Cum Laude Kayla Umstead, Brooklyn, NY Brooke Alison Unterbrink, Ottawa Cum Laude Kelsey Rose Vallee, Chagrin Falls Cum Laude Thomas Edward Van Green, Catonsville, MD Summa Cum Laude Vanessa Vanzant, Sheffield Lake Magna Cum Laude Emily Nicole Vinson, Cleveland Heights Magna Cum Laude Austin James Vorisek Solon Cum Laude Hayley Marie Wadsworth, Massillon Cynthia Hayley Jean Wagner, Elida Cum Laude Emma Josephine Wagner, Lima Kennedy Katherine Walls, Galena Magna Cum Laude Brooke Elaine Walters, Bucyrus Mia Ruth Walters, West Liberty . Magna Cum Laude Trov Douglas Ward, Davton Sarah Wargo, Marysville Rachel Warren, Rancho Palos Verdes, CA Gracie Weaver, Indianapolis, IN Maana Cum Laua Hadley Elizabeth Weimer, Closter, NJ Magna Cum Laude Megan Elizabeth Welch, Baltimore Reagan Audrey Whitaker, Lima Erica Nicole White, Grove City Kelsey Juliana White, Galena Summa Cum Laude Kimberly Frances Willamowski Dumm, Lima Cum Laude Ashley Nichole Williams, Utica Magna Cum Laude Catherine Elva Williams, West Liberty

Tara Leigh Williams, Dublin Summa Cum Laude Brady Allan Wilson, Newark Julia Ann Wilson, Columbus Maana Cum Laude Madeline Michelle Winegard, Brecksville Summa Cum Laude Sterling Lathrop Winter, Chico, CA Summa Cum Laude Kirsten M. Wood, Westerville Megan Kay Wood, Lorain Magna Cum Laude Carly Woodruff, Dublin Maana Cum Laude Braden Thomas Wright, Hudson Cum Laude Madison Makley Wrightsel, Upper Arlington Summa Cum Laude Melvin Anthony Yates, Akron Samantha Jean Yellen, Mamaroneck, NY Zachary Yerington, Hamburg, NY Aubrey Ann Young, Mansfield Riley Patrick Young, Dublin Xiao Yu, Weifang, Shandong, China Magna Cum Laude Yiran Yu, China Magna Cum Laude Sarah Danielle Zelina, Columbus Cum Laude

Xingyan Zhang, Hangzhou, China Jessica Lee Zifzal, North Royalton

### **College of Engineering**

Dean: David B. Williams

# Bachelor of Science in Aeronautical and Astronautical Engineering

Kyle Ator, Hudson Wesley Alan Ault, Tipp City Abdulkadir Bashir, Blacklick Jacob Michael Braun, Van Wert Justin Ronald Clark, Milford Cum Laude with Honors in Engineering with Honors Research Distinction in Aeronautical and Astronautical Engineering Evan Daniel Crowe, Centerville Maana Cum Laude with Honors Research Distinction in Aeronautical and Astronautical Engineering Weston Cummins, Powell Martin Patrick Czerwiec, Bethpage, NY James Yuxiou Dai, Brentwood, TN David Peter Dembroski, Gahanna Rokhaya Diawara, Dakar, Senegal David Nathanael Evert, Fresno Cum Laude Richard Alexander Fingers, Centerville Caroline Rae Gilmore, Cincinnati Cum Laude Francisco Peter Gonzalez, Pembroke Pines, FL Charles Nicholas Gregory, Cincinnati Daniel John Hayes, Ellington, CT Nathanial Troy Hixon, Centerburg Riley Hunter, Liberty Township Muhammad Ijaz, Swanton Keaton James Joosten, Cincinnati Eric Douglas Kaiser, Brunswick Aaron Michael King, Columbus

Maana Cum Laude Nicole Knoblauch, Maineville Chris Koellhoffer, Cincinnati Madeline Jane Kyaka Solon Yunho Lee, Atlanta, GA Jacob Lenox, Manchester, MO Jared Zane Leopard, Columbus Todd Michael Lewis, Grove City Josten Manuel Meade, Marengo Kaitlyn Emily Minsavage, Boonton, NJ Cum Laude with Honors Research Distinction in Aeronautical and Astronautical Engineering Martin Monasterio, Santa Cruz de la Sierra, Bolivia Mason Sandy Monter, Malvern Steven E. Norquist, Johnstown Zachary Ben O'Donnell, Ashville Collin James O'Neill, Chardon Summa Cum Laude with Honors in Engineering with Honors Research Distinction in Aeronautical and Astronautical Engineering Neil Kamal Parekh, Phoenix, AZ Krushikumar M. Patel, Columbus Cum Laude Kai Perlmutter, Centerville Jacob Michael Pitstick, Mason Rvan Matthew Powell, Glenford with Honors in Engineerin Diego Sebastian Quevedo, Gahanna Megan Ashley Quinlan, Westlake Abdul Kareem Ramadan, Dublin Maana Cum Laude Alexander Gregory Rhoads, Hillsboro Mark Avery Satayathum, Jr., Lakewood Cum Laude Curtis Mitchell Schleappi, Canton Dennis L. Scott II, Columbus Madhav Shah, Lewis Center Summa Cum Laude with Honors Research Distinction in Aeronautical and Astronautical Engineering Christian Samuel Soldat, Rockwall, TX Alan Michael Spiers, Columbus Dylan Joseph Stelzer, Dayton Brandon Eric Teitelbaum, Beachwood Magna Cum Laude with Honors Research Distinction in Aeronautical and Astronautical Engineering Andrew Thomson, Mission Viejo, CA David Andrew Van de Water, Burlington, IL Maana Cum Laude Andrew Jonathan Volchko, Cuyahoga Falls Garrett Joseph Waites, Pickerington Nicholas Edward Waters, Jamestown Kayla Watson, Cary, NC DeMario Andrew Webb, Naperville, IL Marley Sigrid Wiggin, Gunnison, CO Cullen Matthew Willett, Columbus Jonathan Michael Winkler, Columbus with Honors Research Distinction in Aeronautical and Astronautical Engineering Mark Lynn Winovich, Granger, IN Joseph Mitchell Work IV. Kirtland . Maana Cum Laude Austin Edward Wright, Avon Lake Hee Suk Yang, Gwacheon-si, Korea Cum Laude Benjamin Murray Young, Great Falls, VA 79

Leland Philin Klein Westerville

#### Bachelor of Science in Architecture (Austin E. Knowlton School of Architecture)

Mohamed Faris Ahmed, Stow with Research Distinction in Architecture Marissa Rae Andrews, Reynoldsburg Michael Moses Bercovitch, Beverly Hills, CA Sydney Jo Booth, Hartville Kaelev Bradford, Lima Jonathon William Brajdic, Bay Village Summa Cum Laude Brianna Mackenzie Corcino, Lorain Cum Laude Nun CungBik, Cincinnati Kurt Patrick Cutshall Batavia Colin Robert D'Emilio, San Ramon, CA Jonathan Elmer Decipeda, Chardon Kailey F. Devereaux, Glen Ellyn, IL with Research Distinction in Architecture Joof Farah, Columbus Leigha Felice, Mentor Rachel Foster, Akron Savannah Elise Gabram, Chagrin Falls Michael Gannaio, Park Ridge, NJ Erin Gleason, Erie, PA Magna Cum Laude with Honors in Architecture with Honors Research Distinction in City and Regional Planning Kirsten Marie Goodge, Chardon Caitlin Joan Grohnke, Sylvania Maana Cum Laude with Honors in Architecture Trent Alain Grubb Columbus Cum Laude Bingyu Guo, Beijing, China Cum Laude with Honors Research Distinction in Architecture Emoree Kristann Heiselt, Reno, NV with Research Distinction in Architecture Hieu Trung Hong, Columbus Yingying Hu, Xi'an, China Maana Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Anthony Iovino IV, New Albany Maana Cum Laude with Honors in Architecture Luke Shade Janik, North Olmsted Tovah Leigh Kaiser, Philadelphia, PA Cum Laude Sarah Kaye King, Carroll with Research Distinction in Architecture Jeffrey Allen Leopold, Elyria Summa Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Austin Lightle, Waverly Magna Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Conor Liston, Powell Aleksandar Loncar, Parma Lisa Marie Maccora, Canton Lauren Elizabeth Mansperger, Columbus with Research Distinction in Architecture Patricia Molina, Richmond Heights Christopher Gregory Mowery, Nashville, TN Emily Grace Nelson, Avon, CT Maana Cum Laude Maria Suzanne Northern, Miamisburg Cum Laude

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Aaron Christopher Pavne, Columbus Maana Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Megan Lynn Pettner, Darlington, PA Magna Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Bryant Keith Phares II, Columbus Zachary Lee Polen, Columbus Cum Laude Nicole Potts Gahanna Aidan Kenneth Reinke, Frederick, MD Robert Mitchel Rinehart, Willoughby John Kristoffer Erese Roxas, Canton Cum Laude with Research Distinction in Architecture Lillian Saniel-Banrey, Hilliard Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Rebecca Lynn Jones Schalip, Hilliard Summa Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Jordan Paul Scheuermann, Springboro Magna Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Rachel Ann Seifert, Massillon Summa Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Varun Sharma, Gallipolis Katherine Stutz Shipman, Columbus Maana Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Suzanne Elizabeth Shrout, Cincinnati Bailey Elizabeth Shurtleff Cincinnati Taylor R. Smith, Canfield Magna Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Stephany Taylor Stumphauzer, Plainfield, IL Maana Cum Laude Xiaolu Su, Columbus Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture Katherine Lyla Szillat, Massillon Charles H. Thompson, New Albany David Lewis Tucker, Grove City with Research Distinction in Architecture Nicholas John Valentino, Concord Jordan Alexander Vinicky, Westerville Cameron Lee Whaley, Waynesville Laura Wilk, Marion, IN Cum Laude with Honors in Architecture Jingyuan Wu, Wenzhou, Zhejiang, China Summa Cum Laude with Honors in Architecture with Honors Research Distinction in Architecture **Bachelor of Science in Aviation** 

David Fedyniak, Hudson David Austin Gaisford, Beavercreek Hannah RaeDean Hulbert, Van Wert Liam Robert O'Grady, Franklin Square, NY Robert Eugene Park, Findlay Kyle Alexander Tekaucic, Columbus

#### Bachelor of Science in Biomedical Engineering

Kevin Scott Albers, Cleveland Cum Laude Lauren Nicole Arnold, Freeport, PA Summa Cum Laude with Honors in Engineering Namrata Arva, Lewis Center Summa Cum Laude with Honors in Engineering Megan Grace Balgemann, Mount Zion, IL Maana Cum Laude with Honors in Engineering Charles Robinson Bramwell IV, Mason Cum Laude Sedona Rae Cady, Mokena, IL Summa Cum Laud with Honors in Enaineerina Grant Michael Chudik, Westerville Cum Laude with Honors in Engineering with Honors Research Distinction in Biomedical Enaineerina William Alexander Cisneros, Columbus Cum Laude Savannah Lynn Coffey, Morrow Cum Laude Andrew James Copa, Elyria Magna Cum Laude with Honors in Engineering Samuel Thomas Croarkin, Reno, NV Maana Cum Laude Patrick Francis Durkin, Longwood, FL Magna Cum Laude Thomas Esher Akron Summa Cum Laude with Honors Research Distinction in Riomedical Engineering Zachary Pahl Eshelman, Wadsworth Summa Cum Laude with Honors in Engineering Ketan Earl Fernandes, Perrysburg Christopher Scott Franz, Cincinnati Talmadge Everett Gaither, Centerville Yevgeniy Vyacheslavovich Gladkiy, Highland Heights Magna Cum Laude with Honors in Engineering with Honors Research Distinction in Biomedical Enaineerina Shoyo Hakozaki, Cincinnati . Summa Cum Laud with Honors Research Distinction in Biomedical Fnaineerina Nathan Alexander Harville, Springboro Cum Laude Alexander Hasselbach, Sylvania Magna Cum Laude Morgan Leigh Jenkins, Westlake Marissa Talia Kamenir, Vernon Hills, IL Summa Cum Laude Alexander David Katko, Perrysburg Cum Laude Jun Soo Kim, Daejeon, Korea

Jillian Page Krebs, Rocky River Maana Cum Laude Kyle Stuart Kuchynsky, Wantagh, NY Magna Cum Laude Jessica Lee, Dublin Jonathan Kevin Liew, Troy with Honors in Engineering Anthony Michael Mango, Avon Lake Summa Cum Laude with Honors in Integrated Business and Engineering Samuel James McGhee, Findlay Maana Cum Laude James Reed McGraw, Dublin Summa Cum Laude Tim James McManus, Eldersburg, MD Cum Laude Hali A. Midtlien, Bellbrook Magna Cum Laude with Honors in Engineering Max Joseph Miller, Dayton Dip Patel, Solon Ruchin Alpesh Patel, Mentor . Magna Cum Laude Yash Patel, Middleburg Heights Nicholas John Pennza, Tallmadge Magna Cum Laude with Honors Research Distinction in Biomedical Fnaineerina Brian Rao, Columbus Cum Laude Katelyn Renate Richardson, Shaker Heights Maana Cum Laude with Honors in Engineering Tyler Schmitz, Gahanna Cum Laude Vincent Richard Schreck, Lima Maana Cum Laude with Honors in Engineering with Honors Research Distinction in Biomedical Engineering Jacob Ford Schurr, Fairview Park Sahil Raiesh Shah, Beachwood Cum Laude Michaela Shanahan, Indianapolis, IN Cum Laude Dixon Takashi Shapiro, Marvsville Lauren Shingler, Willoughby Magna Cum Laude with Honors in Integrated Business and Engineering Melanie Alexandra Sich, Wintersville Summa Cum Laude with Honors in Engineering with Honors Research Distinction in Biomedical Engineering Katarina Ana-Maria Sikiric, Cleveland Patrick Dean Smith, Avon Lake Maana Cum Laude with Honors in Integrated Business and Engineering Brooke Lillian Stephens, Cincinnati Summa Cum Laude with Honors in Engineering Scott Paul Stuckey, Franklin, TN Magna Cum Laude Caroline Rose Thomas, Cincinnati Cum Laude Jacob David Thomas, Cincinnati Cum Laude Charles Patrick Tighe, Hilliard Joshua David Weilbacher, Canal Winchester

Cum Laude

Chase Daniel Wilder, Lima Cum Loude with Honors in Engineering Emma Price Wittman, Mason Magan Cum Loude Gabriela Angeline Zappitelli, New Albany Cum Loude

#### Bachelor of Science in Chemical Engineering

Emily Jean Aebker, Dayton Rishika Raj Akula, Mason Jamal Ali Alawi, Avon Lake James Patrick Amato, Cincinnati Joseph Branson Amburgey III, Wheelersburg Tanner Michael Änderson, Beavercreek Cum Laude Shane Geremy Bara, Oswego, IL Emily Noelle Baur, Cincinnati Magna Cum Laude Timothy Becker, Parma Andrew Perry Bitter, Loveland Donald Xavier Bleasdale, Sylvania Gregg Wayne Booker, Jr., St. Louis, MO Daniel Joseph Botti, Columbus Chase Bruggeman, Coldwater Ryan Joseph Bruno, Highland Heights with Honors in Engineering Shannon Rose Bubenhofer, Cincinnati Tyler Stephen Burk, Mokena, IL Xiangchen Cai, Kunming, China Magna Cum Laude with Honors in Engineering Brianna Katherine Carlone, Canton Macy Chapman, Westerville Dwight Chen, Kent Tyler Dever Christeson, Mason Cum Laude Allison Marie Clark, Avon Taylor Morgan Cochran, Ashtabula Thomas James Connolly III, Chagrin Falls Max Michael Constantine, Bucyrus Austin William Coy, Hudson Cum Laude Nicholas Callahan Craven, Columbus Magna Cum Laude with Honors in Integrated Business and Engineering Taylor Nicole Curtis, Chagrin Falls Jacob Michael Damge, Mason Summa Cum Laude Remy Harrison DeYoung, Westfield Center Michael Tyler Drees, Dayton Magna Cum Laude Rebecca Anne Dunne, Huber Heights Victoria Ehninger, Glendale Heights, IL Cum Laude with Honors in Engineering Jakob Eick, Coshocton Victoria Renee Evankovich, Waterford, PA Zhouhao Fan, Huzhou, China Madeline Grace Finau, Olmsted Falls Sean Charles Finnessy, Lebanon Taylor Leigh Fitzgerald, Clifton Park, NY with Research Distinction in Chemical Engineering Lauren Renee Foster, Brecksville Joshua Michael Froats, Medina Matthew David Fulton, Chesterfield, MO Alexis Marie Fye, Hawthorn Woods, IL Cum Laude

with Honors in Engineering

Christopher Grant Gabelmann, Edmond, OK Scott Steven Gayfield, Sulphur, LA Summa Cum Laude Juliana Gemmel, Youngstown Carter Jacob Greene, Lebanon Yu Gu, Yan'an, China Magna Cum Laude with Honors Research Distinction in Chemica Enaineerina Gregory Halsey, Columbus with Research Distinction in Microbiology Yousef Ali Hamoud, Hilliard Maana Cum Laude Matthew Haynam, Canton Ryan James Heckman, Powell Patrick R. Henson, Greenfield Michael Thomas Hines, Columbus Maana Cum Laude with Honors in Engineering Eliza Rain Horvat, Pittsburgh, PA Cum Laude Edward David Hughes, Bay Village Maana Cum Laude Matthew David Hutcheson, Hudson Maana Cum Laude Sara Kathleen Imwalle, Centerville Justin Iovino, Oceanside, NY Ali Khurshid labal, Rocky River Mohd Nur Izzani Ismail, Sungai Petani, Malaysia Eman Ismail Jallaq, Bexley Mikaela Erin Keller, Shelby Township, MI Summa Cum Laude Daniel Phipps Kiley, Cincinnati Cum Laude Charles Kim, Mason . Summa Cum Laude Brianne Christine Kimmet, Parkland, FL Maana Cum Laude Victoria Marie Kinzel, Anchorage, AK Spencer Carl Krebs, Avon Alexander James Krumel, Lima Matthew Todd Kurek, Perrysburg Colin Laubenthal, Ottawa Maia Eileen Lentz, Independence Maana Cum Laude Mason Michael Lilja, Ashtabula Summa Cum Laude Myungkyun Lim, Daejeon, Korea Shuwei Lu, Beijing, China Kendra Lee Lynch, Fleming Summa Cum Laude Jessica Leigh Males, Kingwood, TX Muhammad Nazhan Bin Mazlan, Columbus Meghan Mariah McDuff, Denver, CO Cum Laude with Honors in Engineering Jonathan Michael McMahon, Broadview Heights Summa Cum Laude with Honors in Engineering Zachary Michael Mickowski, Medina Sabreen N. Milhem, Columbus Aaron Michael Miller, Marysville Dylan Matthew Miller, Wheelersburg Cum Laude Christian Eleazar Miranda, Dalton, GA Mohammed Azfar Bin Mohammed Sabri. Columbus

Muhammad Izzat Izzuddin Bin Mohd Azhar, Tanah Merah, Malaysia Zakirah Binti Mohd Fazil Columbus Muhamad Nazreen Adly Mohd Nasri, Kepala Batas, Malaysia Samuel L. Mondia, Romeoville, IL Brandon Michael Moore, Middletown Charles Erik Moritz, Columbus Cum Laude Patrick Murtha, Columbus Cum Laude Gokul Muruganantham, Mason Martin Nguyen, Pickerington Gabriella Marie Nicolosi, Upper Arlington Cum Laude with Honors in Engineering Josef Jeffrey Niemann, Northbrook, IL Joseph Thomas Nikolai, Dayton . Summa Cum Laude with Honors in Engineering Kwang Hyun Oh, Seoul, Korea John Connor Osburn, Westerville Cum Laude with Honors in Engineering Margaret Boone Otto, Centerville Cum Laude Rvan Douglas Paynter, Newark Michael Preston Pence, Broadview Heights Maana Cum Laude Michael Petrecca, Munroe Falls Audrey Marie Phipps, Cincinnati Cum Laude Joshua Alan Picchioni, Columbus Michael Steven Posta, Solon Jordan Elizabeth Potts, Pickerington Nuramira Deanna Binti Rahim. Kuala Lumpur, Malaysia Jayanth Rajan, Solon Nicole Ann Ricker, Fort Jennings Matthew David Ripley, Brooklyn Maria Rogers, North Canton Diyanah Binti Rozli, Subang Jaya, Malaysia Gina Marie Santi, Centerville Brian Sapp, Columbus Macey Raye Sarisky, Hubbard Cum Laude Rachel Lea Sawyer, Maineville Benjamin Joseph Schneider, Bellbrook Summa Cum Laude Bradley Michael Schockman, Dayton Summa Cum Laude with Honors in Engineering Jennifer Nicole Scott, Twinsburg Cum Laude Brennon Shanks, Cincinnati Cum Laude with Honors in Engineering Eric Joseph Shea, Proctorville Kyle Taylor Slavinski, Delaware Cum Laude Leah Marie Soppi, Uniontown Cum Laude Michael John Sorine, Perry Magna Cum Laude Colin Spencer, Rochester, NY Cum Laude Michael James Spencer, Marysville Benjamin Thomas Sperl, Cleveland Heights Magna Cum Laude Aaron Wayne Stauble, Trenton Cum Laude

Rachel Alexa Stein, Plainview, NY Cole Hausmann Stoxen, Phoenix, AZ Ivan Susin Pires, Piracicaba, Brazil Summa Cum Laude with Honors in Engineering with Honors Research Distinction in Chemical Engineering Stuart James Svetlak, Canton Nathan Szymanski, Lake View, NY Madeleine Leigh Talbert, Montgomery Village, MD Samantha Marie Thobe, St. Henry Stiphany Tieu, Youngstown Cum Laude with Honors Research Distinction in Chemical Engineering Yi Tong, Hangzhou, China Kendall Marie Trudick, Aurora Scott Turpin, Pickerington Aniketh Heade Udipi, Solon Lauren Sydney Vaccaro, Jackson Township Magna Cum Laude with Honors in Engineering Joseph Velecheck, Perry Cum Laude Brianna Wagner, Elmhurst, IL Alison Grace Walasinski, Avon Lake Summa Cum Laude with Honors in Engineering Thomas James Waterkotte, Cincinnati Troy Matthew Watkins, Sylvania Cum Laude Mitchell Frank Wendt, Canton Summa Cum Laude with Research Distinction in Chemical Engineering Joshua Lee Wiseman, Columbus \*Matthew Workman, Dublin Jacqueline Marie Woskobnick, Powell Guolingzi Yang, Changde, China Magna Cum Laude Kaitlyn Brooke Yu, Downers Grove, IL Yu Zhang, Cleveland Magna Cum Laude Jason Zheng, West New York, NJ Maria Lyn Znidarsic, Mentor

Magna Cum Laude Mitchell Anthony Zuzolo, Tipp City

#### Bachelor of Science in City and Regional Planning (Austin E. Knowlton School of Architecture)

Nathan Andrew Armagost, Brunswick Olivia Machelle Bonnette, Marietta Tomesa Brown, Akron Caroline Christy Corona, Mason Maana Cum Laude with Honors in City and Regional Planning with Honors Research Distinction in City and Regional Planning Kiauna King Drafton, Columbus Rebecca Maelynn Finkes, West Chester Magna Cum Laude with Honors in City and Regional Planning with Honors Research Distinction in City and Reaional Plannina Joseph Daniel Grove, Richwood Summa Cum Laude Anna Shepheard Hurley, Delaware Magna Cum Laude with Honors in City and Regional Planning

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\*awarded posthumously

Aerin Michelle Ledbetter, Commercial Point lan James Meadows, Mentor Magna Cum Laule David Edwin Myerholtz, Bowling Green Summa Cum Laule with Honos In Cly and Regional Planning Razan K. Rabati, Columbus Teajuna Jacqueline Scott, Middletown Maureen Elizabeth Welsh, De Pere, WI Magna Cum Laule

#### Bachelor of Science in Civil Engineering

Ariff Bin Abd Latiff, Batang Kali, Malaysia Muhammad Al Kaf Al Has Bin Abdul Latif. Kuala Lumpur, Malavsia Afrah Mohammedherhan Abdulkadir Pickerington Nur Aini Suraya Binti Ahmad Shukri, Changlun, Malaysia Nurul Izni Binti Ahmat, Kuching, Malaysia Rvan Ams, Gurnee, IL Nathaniel Anderson, Liberty Township John Henry Antalovich, Mentor Eizaaz Nuqman Bin Baharudin, Shah Alam, Malaysia Andrew Bailey, Latham, NY Brent Lee Balduff, Sandusky Nicholas Edward Barlow, Hilliard Henry Becht, Wildwood, MO Andrew Russell Bernard, Glassboro, NJ Maana Cum Laude Ethan Eric Billisits, New Albany Clayton Allen Bloor, Delaware Ian Thomas Brown, Mansfield Cum Laude Molly Jacqueline Brown, Grove City Ning Cai, Hangzhou, China Magna Cum Laude Charles A. Cartwright, Westerville Cum Laude Devin Patrick Cartwright, Tiffin Joseph Wallace Casagrande, Upper Arlington Griffin Riley Celleghin, Beachwood Cum Laude Jiawei Chen, Changsha, China **Colleen Ashley Collins** Cum Laude Katherine Helen Coon, Marysville Magna Cum Laude Christopher John Daulton, West Jefferson Blake Andrew Dickmann, Hilliard Cum Laude Asia Marie Doss, Detroit, MI Matthew Michael Drockton, Valley View Jared Robert Elleman, Springfield Ammar Mohamed Elmahdy, Dublin Bridget Enrica Erri, Itasca, IL Madison LaFarrah Evans, Piqua Ahmad Fezree Bin Fauzi, Tanah Merah, Malaysia Bryan Joseph Fernandes, Naugatuck, CT Jordan Douglas Forry, Marysville Summa Cum Laude Berhanu Tewolde Gebremichael, Columbus Zhongqi Guo, Changchun, China Cum Laude Abigail Anne Helser, Ashville

Cum Laude David Ho, Niles

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Andrew Michael Holloway, Milford Cum Laude Andrew Hutchman, East Liverpool Franklin Richard Keller III, Maineville Matthew Herman Killmeyer, Medina Mark Klein, Green Nicholas John Klepper, Naperville, IL Chiara Nicole Kline, Kent Michael Alex Kunitskiy, Hilliard Gabrielle Elizabeth Lacqua, Staten Island, NY Cum Laude Michael John Lane, Bloomfield, NY Cum Laud Yuyang Li, Nanjing, China Claire Elise Lifke Akron Cum Lauda Adam Michael Lipps, Cincinnati Yingyu Ma, Zhengzhou, China Maana Cum Laude Kyle Bainbridge Majher, Hilliard Jon Andrew McCollister, Kirtland Jessica Marie Miller, Shelby Skyler Ellie Miller, New City, NY Drew Michael Mitchell, Gahanna Nazrul Haqimi Bin Mohamad, Seremban, Malaysia Muhamad Ammar Danial Bin Mohamad Rodzai, Seri Manjung, Malaysia Ainin Sofiya Binti Mohd Nasir, Kuala Terengganu, Malaysia Jacqueline Elaine Moss, Rootstown . Magna Cum Laude Muhamad Lugmanul Hakim, Kajang, Malaysia Kevin Daniel Musgrave, Lewis Center Levy Maikuva Mutoro, Nairobi, Kenya Amy Jo Myers, Broadview Heights Sean Nixon, Brownsburg, IN Adam Bin Nor Nasarudin, Jitra, Malavsia Alexander Richard Nunn, Vermilion Aaron Thomas Pajestka, Brunswick Magna Cum Laude Kalon R. Parman, Dallas, TX Amanda Pelfrey, Bellbrook Gregory Allen Penland, Mason Jacob Lanier Pickett, Greenville Mohammed Qaralos, Dublin Samuel Patrick Rankin, Sterling, VA Magna Cum Laude Cole Riley, Marysville Ibrahim R. Riyadh, Columbus Nicole Angela Rossello, Bellerose, NY Andrew Elliot Rutkowski, Sylvania Brett Anthony Salings, Louisville, KY Adam Carl Schulz, Winchester, VA Summa Cum Laude Lauren Elizabeth Schwartz, Deerfield, IL Jordan J. Scully, Dublin Lugman Hafiz Bin Shahrir Zaid. Shah Alam, Malaysia Ryan Mathew Simon, Mount Sterling Cum Laude Megan Taylor Skibinski, Oswego, IL Magna Cum Laude Bryan Henry Nanne Sluis, Dublin Muhammad Izzuddin Bin Suib, Batu Pahat, Malaysia Patrick James Sullivan, Chardon Syed Dani Ashraf Bin Syed Ismail, Ampang, Malaysia Cum Laude

Michael Alan Travis, Granville Cum Laude

Richard Douglas Tury, Etna Dorothy Jane Ullrich, Manorville, NY Cum Laude Nicholas Anthony Valin, Gahanna David Jonathan Vlosich, Warren Cum Laude Grant Gerald Wasielewski, New Albany Zachary Tyler Wedekind, New Albany Jonathan Merlen Henry Wegener, Columbus Johnathan Michael Whitesell, Union Ben Wiley, Newbury Alexander Lee Wilson, Sugar Land, TX Cody Matthew Wischmeyer, Columbus Grove Yuhan Yang, Columbus Alexander Lee Young, Centerville Ruiqing Zhang, Beijing, China

Sarah Ngoc Lan Trinh, Huber Heights

#### Bachelor of Science in Computer Science and Engineering

Basel Mohamed Abdel-Rahman, Dublin Kiera Acitelli, Pittsburgh, PA Cum Laude with Honors in Engineering Gaber Ali Alawi, Avon Lake Abdullah Evad Muhammad Alhag. Tripoli, Libya Cum Laude Zachary Thomas Allegretti, Chesterland Maana Cum Laude Yaman Alslaiti, Columbus Harshil Vipool Amin, Columbus Cum Laude Daniel Vincent Aromando, Coraopolis, PA Maana Cum Laude Daniel Edward Arters, Solon Maana Cum Laude Nidhi Bali, Ghaziabad, India Cum Laude Nathan Phillip Balli, Cleveland Magna Cum Laude Dylan Joseph Barrison, Lynbrook, NY Margaret Anne Baumgardner, Columbus Cum Laude Christopher Michael Benson, Cincinnati Magna Cum Laud Hunter Reed Bernhardt, Findlay Summa Cum Laude Kyle Bradley Binns, Gahanna Cameron Thomas Blumenthal, Cleveland Katherine Jeanne Boatwright, North Ridaeville Allyson Boone, Hillsboro . Summa Cum Laude Thomas James Borawski, Marysville Anastasia Mariana Bourlas, Hartville Cum Laude Nicholas Tyler Bova, Grove City Michael Andrew Bragalone, Kirtland Cum Laude Dana Carolyn Brooks, Lexington, KY Maana Cum Laude with Honors in Engineering Brandon Robert Brown, Cleveland Wesley Stephen Brown, Perry John Paul Burgess, Versailles, KY Magna Cum Laude

Tyler Cai, Richfield Cum Laude

Patrick William Capps, Mechanicsville, MD Magna Cum Laude Eben Carek, Cleveland Summa Cum Laude Adam Neil Chen, Perrysburg Summa Cum Laude Bin Chen, Shenzhen, China . Magna Cum Laude Connor Aloysius Cimino, Lakewood Summa Cum Lauc Ryan Patrick Cologgi, Westerville Maana Cum Laude Kyle Thomas Condon, Bethesda, MD Cum Laude Victor Andrew Congos, Newark Maana Cum Laud Cody Anthony Craig, Columbus Cum Laude Rebecca Ann Danik, Cranberry Township, PA Maana Cum Laude Adam Michael Davis, Gahanna Matthew Brian Deavers, New Lexington Benjamin Phillip Devenport, Canfield Aaron Joel Diemler, Cincinnati Cum Laude Daniel John Diesel, Cincinnati Magna Cum Laude with Honors in Engineering Alexander Khoi Doan, Dublin Summa Cum Laude Logan Burke Donovan, Cincinnati Craig Dunton, Stow Rachel Irene Dvorak, Portsmouth, RI David Bradley Egbert, Kettering Cum Laude with Honors in Engineering Emily Claire Engle, Bellbrook Cum Laude with Honors in Engineering Thomas Estep, Toledo Scott Fasone, Groveport Cum Laude with Honors in Engineering Tristan Lee Fitzwater, Dalton Douglas Michael Frederick, Kirtland Aaron M. Fuhrer, Tiffin William Heath Giffin, Bellbrook Paul Matthew Gillen, Lebanon Summa Cum Laude Ryan Alexander Gleske, Akron Summa Cum Laud Megan Elizabeth Goins, Loveland Magna Cum Laude Nicholas Alexander Guerin, Lakewood Andrew Gulick, Hebron Yuchen Guo, Dublin Maana Cum Laude David Lee Hakanson III, Louisville, KY Magna Cum Laude with Honors in Engineering Claire Elizabeth Hansel, Rochester, MN Summa Cum Laude with Honors in Engineering Jerry Earl Harris, Jr., Thornville Alex Daniel Hassenbein, New Albany Benjamin J. Haupt, Damascus, MD Daniel John Heavern, Buffalo, NY Sander Alan Henning, Cincinnati Cum Laud Alexander Scott Hicks, Naperville, IL Magna Cum Laude Rebecca Ashley Hu, North Royalton Maana Cum Laud Jiaqian Huang, Shanghai, China Austin Thomas Hull, Lima Maana Cum Laude

Ihor Husar Columbus Cum Laude Channing Alexander Jacobs, Powell Magna Cum Laude Jeffrey Dwight Jagger, Uniontown Maana Cum Laude Benjamin Charles Janesch, Hudson Cum Laude Sean Michael Jarvis, Westlake Greg Michael Jenkins, Chagrin Falls Shariah Patrice Johnson, Akron Andrew Michael Jordan, Oak Lawn, IL Yomali Katherine Kader, Davton Henry Thomas Karagory, Worthington Summa Cum Laude Sophie Allison Keith, Twinsburg John William Kelliher, Akron Cum Laude Ryan William Kimmet, Ottoville Levi Todd Klingler, Ada Cum Laude Ethan Knez, Naperville, IL Summa Cum Laude Noah Stephen Kritz, Shadyside Anshu Kumar, Columbus Sahil Kumar, Park Ridge, IL Gregory Scott Kuver, Ijamsville, MD Cum Laude Nicholas LaMantia, North Royalton Summa Cum Laude Matt Langsenkamp, Rochester, NY Emily Anne Laquet, Algonquin, IL Thomas John LaStrange, Dublin Cum Laude Benjamin Xavier Lee, Cleves Jack Benett Lenzotti, Brecksville Eric James Leyda, Liberty Township Chen Liang, Baoji, China Junho Jake Lim, Columbus Magna Cum Laude Chen Ling, Xuzhou, China Magna Cum Laude Bo Liu Mason Magna Cum Laude Yutong Liu, Huian, China Cum Laude Wendy Leigh Loomis, Hopewell Junction, NY Maana Cum Laude Jackson James Loth, Hudson Eric McKinley Lowry, Lexington, KY Cum Laude Zhe Luan, Qingdao, China Cum Laude David Haochuan Ma, Hudson Jason Louis Magoto, Russia Summa Cum Laude Sergey Maltsev, Mission Viejo, CA Jarrod Amadeus Manguiat, Beavercreek Maana Cum Laude Kelsey M. Martin, Worthington Louis Franklin Mayo, Dublin Magna Cum Laud Zachery McGuckin, Norwalk Cum Laude Logan McPherson, Bellefontaine . Maana Cum Laud Evan Cameron McWilliams, Fresno, CA Maana Cum Laude Joseph Aaron Mintz, Marblehead

Abdikarim Sharif Mohamed, Columbus Justin Alexander Monte, Rocky River John Steven Morales, Dublin Cum Laude Anthony John Mossing, Toledo Eleanor Anne Myer, Cincinnati Summa Cum Laude with Honors in Engineering Keashav Nair, Shah Alam, Malavsia Vishal Reddy Nallanagulagari, Columbus Summa Cum Laude Alyssa Nicole Neubauer, Massillon Kah Seng Ng, Teluk Intan, Malaysia Pavan Kishore Nimmagadda, Cincinnati Charles Niu, Powell Summa Cum Laude Sean O'Donnell, Columbus Aakash Patel, Columbus Luv Jayant Patel, Broadview Heights Saajan Pankaj Patel, Dublin Noah Michael Pavuk, Cincinnati lan Pennington, Columbus Chris Allen Phillips, Marysville Drake Andrew John Pocsatko, Pittsburgh, PA Magna Cum Laude Zachary Ponath, Lebanon Ivan Porollo, Cincinnati Matthew Elliott Porter, Novelty Christopher Paul Raitano, Medina Shashank Rajkumar, Canal Fulton Cum Laude with Honors in Engineering Dilroop Raju, Columbus Afnan Abdul Rehman, Dublin Skyler Nash Reimer, Lebanon Nishant Rimal, Columbus Cum Laude Anthony Robb, Cincinnati Cum Laude Corey Michael Roberts, Centreville, VA Cum Laude Samuel Marcel Romain, Perrysburg Enrique Rosen, Cincinnati Amir Sarrouj, Toledo Cum Laude Allan James Sattelberg-Rivera, Columbus Joseph Charles Sauder, Columbus Summa Cum Laude Shivang Saxena, Bowling Green Summa Cum Laude William Dean Schnicke II, Loveland Cum Laude Cole Alexander Schumacher, Columbus Cum Laude Joseph Christopher Sebastian, Rio Grande Magna Cum Laude Gabriel Rowat Sellers, Sunbury Emily Yan Sheng, Sylvania Jacob William Shoaf, Cincinnati Nicholas Joseph Siebenaller, Oregon Cum Laude with Honors in Engineering Joseph Michael Simons, Dayton Ethan Alexander Smith, Winston-Salem, NC Samuel Alexander Smith, Sandusky Matiangi Song, Yuyao, China Alec Jonathon Stewart, Chardon

Magna Cum Laude Matthew Estevan Stock, Madison Magna Cum Laude Chad Allen Strickler, Pickerington Manasvin Krishnan Suresh, Miamisburg Cody Matthew Sutherland, Greenville Cum Laude Matthew Joseph Szwejkowski, Lyndhurst Way Chean Tan, Kuala Lumpur, Malaysia Hannah Suzanne Taylor, Cincinnati Tyler John Terbrack, Cleveland Maana Cum Laude Adam Michael Tetzlaff, Normal, IL Cum Laude Shyam Wyatt Thiagarajan, Knoxville, TN . Magna Cum Laude Harman Singh Thind, Columbiana Alexander Thayer Toney, Cincinnati Magna Cum Laude with Honors in Engineering Ruihan Tong, Beijing, China Summa Cum Laude Maxxwell Thomas Toskin, Ashville Samuel Ryan Trabitz, Bexley Kevin Unkrich, Cincinnati Magna Cum Laude Sean Riley Vactor, Novelty Haoran Wang, Tianjin, China Nar Chengxiu Wang, Columbus Yinuo Wang, Wenzhou, China Maana Cum Laude Anna Marie Weber, Dublin Nathaniel Jesse Winningham, Columbus Rvan James Wires, Northwood Magna Cum Laude with Honors in Engineering Anna Therese Wolfe, Hinckley Maana Cum Laude Ethan Richard Wolfe, Chagrin Falls Cum Laude Samuel George Wolfe, North Canton Joshua Andrew Wright, Columbus Wenli Wu, Chengdu, China Summa Cum Laude Skylar Wolfgang Wurster, East Dundee, IL Magna Cum Laude Jian Yao, Huizhou, China Cum Laude Martin Yzeiri, Columbus Cum Laude Christopher Colin Zath, Marietta, GA Claudia Morgan Zeigler, Springboro Shiqi Zhang, Chengdu, China Magna Cum Laude Xuyang Zhang, Beijing, China Magna Cum Laude Mo Zhou, Wuhan, China Qinghui Zhou, Dalian, China Maana Cum Laude

#### Bachelor of Science in Electrical and Computer Engineering

Izzah Syahirah Binti Adnan Khalid, Shah Alam, Malaysia Turner Day Adometto, Granville Magna Cum Laude with Honors in Engineering with Honors Research Distinction in Comparative Studies Jesus Antonio Aguilar Rodriguez, Columbus Amin Khalili Bin Ahmad Tarmizi, Bandar Baru Bangi, Malaysia

Aliaa Nabilah, Kuala Lumpur, Malaysia

Sami Michael Arman, Powell Amirah Binti Azlan, Kuching, Malaysia Ross J. Baldwin, Westerville Matthew Belz, Upper Arlington Magna Cum Laude with Honors Research Distinction in Electrical and Computer Engineering Charles Bernier, Maumee Ahmed Bichmou, Columbus Nor Ilyani Binti Mohd Lena, Bachok, Malaysia Cum Laude Scott Bletzinger, Beavercreek Beniamin Bohls, Napoleon Aizat Borhanudin, Kula Lumpur, Malaysia Luke Litkovitz Brownfield, Cincinnati Rees Chael, Westerville Muhamad Ikram Bin Che Awang, Kota Bharu, Malaysia Devin Kaifeng Chen, Cincinnati Cum Laude Hao Chen, Beijing, China Maana Cum Laude Suowen Chen, Shanghai, China Yiwen Cheng, Wuxi, China Joseph Graham Chiocca, Westerville Young Jin Choi, Chang-won, Korea Cum Laude Cassy Marie Cicero, Chardon Cum Laude Jacquelyn Clemmer, Centerville Thomas Anthony Cooper, Upper Arlington Paloma Lula Cooper-Reynoso, Marysville . Maana Cum Laude Jeremiah Allan Corey, Gahanna Adam Thomas Creech, Reynoldsburg Mihir Chaitanya Dave, Beckley, WV Jason Raymond DesJardins, Delaware Cum Laude Brett Matthew Dietrich, Nev Jackson Francis Michael Donaldson. Cincinnati Jeremy A. Durant, Navarre Stephani Nicole DuScheid, Dublin Maana Cum Laude Andrew Scott Elliott, Greenville Ahmad Shafiq Bin Fadil, Klang, Malaysia Grant Rutkowski Farmer, North Olmsted Douglas Rudolph Fink, Avon Lake Magna Cum Laude with Honors in Engineering Benjamin Croft Fonseca, Columbus Marc Andrew Friend, Dublin Callum Conner Fries, Cincinnati Xuan Fu, Guangzhou, China Chudi Fyle, Columbus Venkat Ram Garapati, Columbus Maana Cum Laude Andrew Joseph Gaus, Mason Cum Laude Cade Alexander Gayagoy, Canal Winchester Magna Cum Laude Rahwa Yemane Ghidey, Columbus Joshua Joseph Gordon, Monclova Benjamin Gregor, Lewis Center Jacob Tyler Griest, Hilliard Carter Daniel Grimes, Mason Maana Cum Laude John Michael Gurley, Bay Village Magna Cum Laude Meenwook Ha, Seoul, South Korea Magna Cum Laude with Honors Research Distinction in Electrical and Computer Engineering 83 Evan Michael Hamamoto, Maple Grove, MN Summa Cum Laude with Honors in Engineering Jenna LeeAnn Hardin, East Liberty Maana Cum Laude Anthony James Heglas, Strongsville Maana Cum Laude Jeff Aaron Hensal, Akron Summa Cum Laude Rvan Addison Herstine, Magnolia Mitchell Dillon Hoover, Canton Brandon Horsham, Strongsville Xiaohan Hou, Columbus Emma Hoying, Centerville Magna Cum Laude Armani Hrobowski, Aurora, IL Cum Laude Junhao Hu, Ningbo, China Magna Cum Laude Siyue Huang, Nephi, UT Arvin Ignaci, New Albany Abdullahi Ali Inshaar, Hilliard Cum Laude with Honors Research Distinction in Electrical and Computer Engineering Sadie Jezierski, Westfield, NJ Yu Jiang, Columbus Israel Jimenez, Pickerington Izzat Haziq Bin Johan, Rembau, Malaysia Benjamin William Justice, Lucasville Cum Laude Robert Daniel Kading, Columbus Jian Kang, Urumqi, China Matthew Karaffa, North Royalton Noor Kassar, Naperville, IL Cum Laude Charles Joseph Keller, Pickerington Maana Cum Laude Kaitlin Leigh Keltos, Dayton Maana Cum Laude Brian Khambatta, Dubai, United Arab Emirates Austin Kidder, Hillsboro Summa Cum Laude Julianne Kocsis, Mayfield Heights Cum Laude Jacob Michael Krahe, Solon Thomas Alden Krenelka, Hilliard Dylan Matthew Kunkel, Beavercreek Summa Cum Laude with Honors in Engineering Huy Quoc Lam, San Jose, CA Qian Hao Lam, Kula Lumpur, Malaysia Nicholas Gabriel Lange, Napoleon Magna Cum Laude Feng Liu, Nanjing, China Jia Liu, Shijiazhuang, China Summa Cum Laude Zhifei Liu, Xi'an, China Anthony Josef Lokar, Mason Kerri Aileen Loyd, Kettering Yiging Lu, Nantong, China Cum Laude Angelo Anthony Luchetti, Downingtown, PA Cum Laude Nik Hadri Aiman Bin Mahmod, Kota Bharu, Malaysia Andrew James Makovec, Strongsville Magna Cum Laude Megan Elizabeth Manifold, Dublin Sarah Linda Matthiesen, Lakewood Magna Cum Laude with Honors in Engineering Amirul Amin Bin Mazlan, Rawang, Malaysia Maana Cum Laude

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Ikmal Hakim Bin Mazlan Johor Bahru, Malaysia Tyler Jacob McCauley, Reynoldsburg Ryan Joseph McCauslin, Columbus Nolan Andrew McCue, Arnold, MD Muhammad Daniel Fahmi Bin Md Nasrein. Kajang, Malaysia Magna Cum Laude Chloe Lane Menning, Greenville Maana Cum Laude Jason Merriman, Warren Anri A. Mikirtichev, Richmond Heights Dane Sebastian Miller, Dearborn, MI Summa Cum Laude with Honors in Engineering Michael Francis Miller, Akron Cum Laude David Moeller, Arlington, VA Anas Bin Mohamad Daud. Dungun, Malaysia Amin Bin Mohamed Amiruddin, Petaling Jaya, Malaysia Mohammad Syawwaal Bin Mohammad Nizar, Ipoh, Malaysia Magna Cum Laude Muhammad Ibrahim Bin Mohd Junaidi, Telok Panglima Garang, Malaysia Muhammad Fadhli Bin Mohd Sabri, Kuala Kangsar, Malaysia Khairunisa Aqilah Binti Mohd Sarbani. Johor Bahru, Malaysia Shrevas Muralidharan, Knoxville, TN Summa Cum Laude with Honors in Integrated Business and Engineering with Honors Research Distinction in Electrical and Computer Engineering Hayden John Murphy, Norwich, CT Kevinie Anak Nakan, Kuching, Malaysia Cum Laude Andrew Kenneth Noonan, Lakeland, FL Cum Laude Nurul Liyana Binti Norsalihin, Muar, Malaysia Zachary O'Toole, Perrysburg Maana Cum Laude Mikavla Marie Olds, Hilliard Alejandro Ossa, Miami, FL Matthew Patti, Dublin Cum Laud Carlin Ye Ai Phua, Kota Kinabalu, Malaysia Katarina Aleksa Pokrajac, Richfield Neil Christopher Pretkelis, Crystal Lake, IL Nicholas Alexander Pronin, Twinsburg Summa Cum Laude with Honors in Engineering Weijie Qi, Shijiazhuang, China Meng Qiu, Xi'an, China Cum Laude Drew Matthew Rector, Dresden Brett Logan Ringel, Bexley Maana Cum Laude Seunghyeok Roh, Columbus Iskandar Zulkarnain Bin Roslen, Johor Bahru, Malavsia Aida Batrisyia Binti Rosli, Shah Alam, Malaysia Michael Patrick Rowane, Chesterland Joseph George Sahlani, Brooklyn, NY . Cum Laude Leo Pard Sato, Hilliard Magna Cum Laude Grant Senger, Lakewood

Summa Cum Laude Hamil Piyush Shah, Lansdowne, VA Summa Cum Laude

Syazana Suraya Binti Sharuddin, Seremban, Malaysia Kody A. Shepherd, Shiloh Brent Thane Shoup, Dalton Qingyuan Shu, Beijing, China Magna Cum Laude Daniel Woon Chen Siew. Kota Kinabalu, Malaysia Tyler Jay Smith, Bloomdale Justin Snoke, Columbus Maana Cum Laude Mark Andrew Spatz, Lake Zurich, IL Srivatsa Chakravarthy Srinivas, Bangalore, India Summa Cum Laude Uday Sriram, Gurgaon, India Emilee Honore Jean Sturtevant, Worthington Jingze Sun, Harbin, China Brennan Alex Swick, Lima Cum Laude Ricky Lee Taulker III, Wayne Scott Burdette Thomas, Lima Schyler O'Shea Thorn, Strongsville Zhao Tian, Beijing, China Cum Laude Marion Gregory Tignor, Frazeysburg Cooper Towns, Liberty Township Summa Cum Laude Jaedon Li Tseng, Canfield Eric James Verhage, East Amherst, NY Cum Laude John Gregory Wagner, Dublin Jonathan Wang, Ocala, FL Wesley Owen Ward, Marietta Ryan Weiper, Cincinnati . Magna Cum Laude with Honors in Engineering Daniel Wharton, Uniontown Summa Cum Laude Logan Mitchell Whitaker, Findlay Maana Cum Laude Matelin Lara Winer, Hilliard Maana Cum Laude David Socher Wolfson, Columbus Maana Cum Laude with Honors Research Distinction in Electrical and Computer Engineering Yifan Wu, Shanghai, China Matthew Scott Wyant, Tipp City . Maana Cum Laude Junzi Xiang, Guangzhou, China Summa Cum Laude with Honors Research Distinction in Electrical and Computer Engineering Fei Xu, Tianjin, China Maana Cum Laud Yang Xu, Columbus Shiqi Yang, Dongguan, China Summa Cum Laude with Honors Research Distinction in Electrical and Computer Engineering Xi Ye, Guangzhou, China Magna Cum Laude Wangjie Yin, Shanghai, China Mohammad Zulfariz Bin Zainon, Jitra, Malaysia Wan Muhammad Saiful Afiq Bin Zakaria, Ketereh, Malaysia Cum Laude Muhammad Hakam Bin Zali, Bera, Malavsia Hao Zhang, Wuhan, China

Lingzhuo Zhao, Chongqing, China Cum Laude Di Zhu, Nanjing, China Timothy Zhu, Flushing, NY

#### Bachelor of Science in Engineering Physics

Ethan Kirk Andersen, Camp Hill, PA Cum Laude Quentin Gregory Anthony, Powell Magna Cum Laude with Honors in Engineering Connor E. Basile, Dallas, TX Zachary James Cotman, Columbus Maana Cum Laude Ebraheem Khaled Farag, Powell Maana Cum Laude with Honors in Engineering Michael Anthony Kalmar, Powell Isaac Yusuf Khan, Reynoldsburg with Research Distinction in Mechanical Engineering Troy Allen Losey, Akron Magna Cum Laude with Honors in Engineering Thomas Jason Malkus III, Brunswick Maana Cum Laude with Honors Research Distinction in Mechanical Enaineerina Curtis Bryan Mall, Medina Christopher Dane McPherson, Mason Magna Cum Laude Jack Ryan Plank, Chesterland Magna Cum Laude Ellie Marie Walters, Kennedy, NY Eric James Wolfe, Lewis Center Bachelor of Science in **Environmental Engineering** 

Tyler Behm, Hudson Allyson Brooke Burns, Aurora . Cum Laude with Honors Research Distinction in Environmental Engineering Elizabeth Anne Clapp, Proctorville Patrick Curtis Fisher, Stockport Samuel Joseph Fuchs, Canton Cum Laude William Henry Hauptman V, Mansfield Summa Cum Laude David Aaron Kormos, Bellmore, NY with Research Distinction in Environmental Engineering Matthew Lowe, Commack, NY Magna Cum Laude Elizabeth Anne Neudeck, Olmsted Falls Erin Elizabeth O'Daniel, Galena Alexander Ryan Pearce, Pickerington Connor Patrick Ploucha, Westfield Center Weiyi Qu, Chengdu, China Cum Laude Wyatt Everett Seel, Toledo Lisa Lynn Twarog, North Royalton Cum Laude with Honors in Engineering Michael Kevin Whaley, Cincinnati Morgan Elizabeth Wickey, Medina Cum Laude with Honors in Engineering

Cum Laude

#### Bachelor of Science in Food, Agricultural, and Biological Engineering

Basrur Abhijith, Sylvania Yezon Rassem Al-Hamwy, Toledo Cum Laude Isabelle Noel Armbruster, Lake Zurich, IL Ethan Thomas Jamykal Badger, Grand Rapids, MI Benjamin Micah Baker, Twinsburg Spencer Thomas Barker, Peachtree City, GA Dylan Wyatt Beam, Newberg, OR Cum Laude with Honors Research Distinction in Neuroscience Amber Jolene Bollinger, Little Hocking Bailey Felice Cadena, Columbus Magna Cum Laude with Honors in Engineering Robert Ross Candor IV. Gahanna Richard Chen, Newark Mika Chislett, Aurora, IL Rachel Naomi Chodikov, Moon Township, PA Kayla Cleary, Downingtown, PA Troy Justin Cross, Mineral Ridge Anthony Salvatore Cuozzo, Jr., Orange, CT Sreevaishnavi Dasaka, Lewis Center Mikayla Marie Doerzbacher, Wexford, PA Morgan Claire Everly, West Chester Lucas Caldwell Fernald, Avon Lake Angeline Fernandes, Dublin Brandie Rose Folck, Mechanicsburg Zachary Joseph Folino, Concord George Emad Gerges, Hilliard Crystal Sarah Godon, Kota Kinabalu, Malaysia Abigail Lezlie Gohrband, Troy Cum Laude Johnathon Derek Grinstead, Pickerington Kendra Lynn Harder, Herndon, VA Summa Cum Laude Haley Jenkins, Green Magna Cum Laude Keegan Kalmbach, Sykesville, MD David Harold Keck, Raymond Daniel Kim, Buffalo Grove, IL Erin Kennedy Knapton, Arlington Heights, IL Catherine Elizabeth Lach, Pickerington Viktor Alan Lillard, Columbus Magna Cum Laude Shanyi Lin, Xiamen, China Yuhan Liu, Luzhou, China Madison Rae Lubman, Aurora Jack Lynch, Brecksville Matthew Dean Maisel, Succasunna, NJ Hannah Katelyn Maringo, Canton Claudia Lara McAllister-Peterson, Yellow Springs Cum Laude Michael Thomas McCloskey, Powell Haley Noelle Mikula, Strongsville Nur Syuhada Binti Mohd Zam, Marang, Malaysia Cum Laude Karen Morawski, Schenectady, NY Trevor Macfie Moulton, Dublin Robert Michael Murcko, Poland Julia Madison Namenek, Massillon Nicholas Nash, Hoffman Estates, IL Alexander Ross Nykaza, Orland Park, IL Ethan Michael O'Loughlin, Columbia, MO Beniamin Isaac Oh, Grove City Wonsok Pak, Daejeon, Korea Larry Nathanael Parsons, Columbus

Taylor Ann Porter, Dublin Matthew David Reed, Marvsville Nicole Renninger, Perrysburg with Honors Research Distinction in Environmental Engineering Emily Crayton Russell, Solon Magna Cum Laude Sydney Jessica Sandidge, Pittsburgh, PA Timothy Paul Smerdon, Wolverine Lake, MI Jeffery Steven Smith, Jr., Massillon Cum Laude Joseph Stephen Smith, Columbus Cum Laude with Honors in Engineering with Honors Research Distinction in Food. Aaricultural and Biological Engineering Sokcheawattey-Anne Som, Delaware Nathanael Adam Steele, New Concord Jacob Robert Stegeman, Cincinnati Kathleen Carolyn Stower, Findlay Stefan Joseph Stropki, Oakwood Joel Zachery Swick, Utica Syarifah Nuzul Khozaimah, Sg Besar, Malaysia Tryston Tanner, Grove City Nicholas W. Thomas, Kettering Anthony Ross Tomusko, North Olmsted Isha Tyagi, Hudson Noah Veccia, Worthington Nicole Elizabeth Vehar, Washington, PA Abigail Elise Warburton, North Canton Asia'rae Latarra Wells, Cleveland Kathleen Rosemarie Whalen, Franklin, TN Hui Xuan Yam, Johor Bahru, Malaysia Roma Kekendan Yengo, Dublin Charles Yuhas, Corona, CA Natalia Eva Zappernick, Broadview Heights Bachelor of Science in Industrial and Systems Engineering Nathan Andrew Abell, Hillsboro Christopher David Ballantyne, St. Charles, IL Marissa Banks, Westerville Summa Cum Laude James Stanley Bassett III, Sylvania Magna Cum Laude with Honors in Engineering Bronte Weston Beaman, Kirtland

Maana Cum Laude Kathryn Rose Bochnak, Perry Magna Cum Laude Zachary Philip Bonner, Tipp City Jacob Leander Bores, Whitehouse Magna Cum Laude Adam Richard Bowman, Hilliard Laura Anne Brzozowski, Highland Heights Cum Laude with Honors in Engineering Daniel Cavese, Toledo Sonia Chhabria, Powell Matthew Tyler Cisneros, Westerville Cum Laude Johnathon Gilmore Cooper, Columbus Cum Laude Peyton Josephine Cummings, Severna Park, MD Rachel Lindsay Czapp, Huntington Woods, MI Cum Laude Audrey Yvonne Davis, Dublin Cum Laude with Honors in Engineering Bryce Christian Davison, Abilene, TX

Hannah Elizabeth Demetry, Bowie, MD Karthikrajamani Dhinakaran, Westlake Magna Cum Laude with Honors in Integrated Business and Engineering Mark Dickerhoof, Clinton Magna Cum Laude with Honors in Engineering Enrique Ignacio Dominguez, Mason Allen Benjamin Drown, Broadview Heights Cum Laude with Honors in Engineering Joseph Nicholas Emsley, Centerville Marlee Rachel Friedman, Ottawa Hills Emily Ellen Fu, Mansfield John Fudacz, Toledo Andrew Charles Hay, Cincinnati Katherine Margaret Jennings, Mason Xueying Jin, Hohhot, China Cum Laude Brendan Michael Kelley, Medina McKenzie Nicole Kelly, Medina Natalie Grace Kennedy, Shaker Heights Caroline Yvonne Kiley, Atlanta, GA Maana Cum Laude Sean David Klepac, Chardon Cum Laud Michael John Kramer, Wexford, PA Nicholas Everett Langenbahn, Mason Remi Lassiter, Menomonee Falls, WI Maana Cum Laude Erik Lensink, Johnstown Cum Laude Andrea Jamie Lin, Albuquerque, NM Magna Cum Laude with Honors in Engineering Thomas Patrick Manahan, Toledo Magna Cum Laude Melany Alejandra Marroquin Estrada, Guatemala City, Guatemala Michael Tod McGuire, Miamisburg Megat Muhammad Talhah Bin Megat Numan, Columbus Hallie Mae Miller, Verona, NJ Cum Laude with Honors in Engineering Jie Min, DeYang, China Cum Laude Caroline Elizabeth Mollmann, Upper Arlington Lisa Jane Moors, Minnetonka, MN Magna Cum Laude with Honors in Engineering Connor David Nowakowski, Toledo Alejandro Atilio Nunez, Doral, FL Cum Laude Kara Luise O'Connell, Pickerington Magna Cum Laude Matthew Scott Oakman, Lancaster, CA Magna Cum Laude with Honors in Engineering Jay M. Patel, Hewlett Bay Park, NY Sneha Rajagopal, Cincinnati Adam James Reichert, St. Henry Maana Cum Laude Brody Alan Ritter, Beavercreek Anthony Christopher Sarrouf, Damascus, Syria Collin Jacob Scarlett, Columbus Kelsey Schroeder, Findlay Brandon Leon Schweitzer, Canton George Matthew Spoerl, St. Charles, IL Samantha Lee Stansbury, Chardon Erik Michael Stipe, West Unity David Brandon Tabachnik, Beachwood Ardi Thenggono, Surakarta, Indonesia

Matthew Robert Thurman, Pewaukee, WI Summa Cum Laude with Honors in Engineering Victoria Lynn Trotto, Lewis Center Aidan Michael Valpey, Beavercreek Anna Marie Wade, Louisville Jacob Andrew Walisiak, Plainfield, IL Catherine Fuli Wang, Reynoldsburg Magna Cum Laude with Honors in Engineering Alec Wayne, Washington Court House Cum Laude Clayton Weatherbee, Massillon Guanyu Xin, Zhengzhou, China Cum Laude Vladyslav S. Yuryev, Columbus Tara Kathryn Zahnke, North Olmsted Talia Dimitra Zaverdinos, Moreland Hills with Honors in Engineerin Matthew Ryan Zlatkind, Williamstown, WV **Bachelor of Science in** 

### Landscape Architecture (Austin E. Knowlton School of Architecture)

Alexander Arseneau, Frankfort, IL Cum Laude with Honors in Landscape Architecture John Francis Bargiel, Columbus Melissa Sue Block, Hamilton Cum Laude with Honors in Landscape Architecture with Honors Research Distinction in Landscape Architecture Evan Joseph Bluemel, Strongsville Garrett Edward Brinkman, Elida Maana Cum Laude with Honors in Landscape Architecture Rachel Diane Chapman, North Canton Haina Chen, Zhongshan, China Maana Cum Laud Conner Michael Cunningham, West Chester Cum Laude with Honors in Landscape Architecture with Honors Research Distinction in Landscape Architecture Andrew Kenneth Davis, Powell Olivia Marie Dieker, Upper Arlington Maana Cum Laude with Honors in Landscape Architecture David Mario Erbe, Geneva, IL Cum Laude Pamela Marie Force, Cleveland Yujia Kuang, GuangZhou, China Cum Laude with Honors in Landscape Architecture Fletcher Cleveland Lill, Rochester, NY Paityn Monagan, Columbus Bailey Michael Moore, Woburn, MA Christian Jay Moore, Salem Maana Cum Laude with Honors in Landscape Architecture with Honors Research Distinction in Landscape Architecture Jessica Rose Muha, Galloway Magna Cum Laude with Honors Research Distinction in Landscape **Architecture** Megan Elizabeth Nerici, Mentor Bin Ou, Xi'an, China Daniel Richard Phillips, Medina 85 Theresa Marie Rathslag, Park Ridge, IL Magna Cum Laude with Honors in Landscape Architecture with Honors Research Distinction in Landscape Architecture Erin Isabel Rudemiller, Cincinnati Summa Cum Laude with Honors in Landscape Architecture

with Honors Research Distinction in Landscape Architecture Taylor Lee Shanley, Worthington

Cum Laude John Richard Siebert, Pickerington

Benjamin Patrick Wade, Berea Kymberly Diane Ware, Reynoldsburg Cum Laude

#### Bachelor of Science in Materials Science and Engineering

Evan Andrew Alexander New Albany Christopher Raymond Baddour, Dublin Nasif N. Basher, Dublin Cum Laude Abdalaziz Taher M Bokari, Yanbu, Saudi Arabia Thomas Martin Branstein, Aurora Mary Cech, Lake Orion, MI Summa Cum Laude Daniel Bohdan Cybyk, Columbia, MD Cum Laude Madeline Marie Depinet, New Albany Joshua Alexander Eckert, Loveland Matthew James Fallavollita, Buffalo, NY Yeong Hun Go, Ilsanseo-gu, Korea Khairul Hafiz Bin Khairol Annuur, Bandar Enstek, Malavsia Yaoyao Long, Kunming, China Cum Laude Joseph Henry Maciag, Canton, MI Gabriella Annette Marino, Dublin Andrew Michael Merz, Columbus Maana Cum Laude William Alan Metzger, Troy Yash Dushyant Patel, West Chester . Magna Cum Laude Bianca Katherine Piloseno, Baltimore Jennifer Lee Schaefer, Fairfield Benjamin David Schmidt, Mayfield Heights David Alejandro Sing Jethmal, Panama, Panama Grant Slagle, Centerville Cum Laude Rorey Andrew Smith, Pepper Pike Jaren David Stidd, Columbus

#### Bachelor of Science in Mechanical Engineering

Firas Abdullatif, Gaza City, Palestine Cum Loude Catherine Elizabeth Adams, Cincinnati Cum Loude with Honors in Engineering with Honors Research Distinction in Mechanical Engineering Matthew William Adams, Strongsville Magna Cum Loude Andrea Agrotis, Montevideo, MN Caroline Grace Amling, Upper Arlington John Mitcheil Barber, Medina Erin Nicole Beaber, Hilliard John Michael Berger, Mansfield 86 Marc-Antoine Blais Belanger, Montreal, Canada . Magna Cum Laude Daniel Carter Bonavita, Xenia Maana Cum Laude Evan Robert Bottom, Cable Kali Elizabeth Boyd, London Magna Cum Laude Peter William Bruce, Upper Arlington Lam My Bui, Columbus Grace Gersi Busick, Westerville Brook Cannon, Minerva Maana Cum Laude Doohyun Cha, Seoul, Korea Magna Cum Laude Jaikeun Chung, Seoul, Korea Cum Laude with Honors Research Distinction in Mechanical Engineering Thomas Clifford, Cincinnati Nicholas James Cooper Hilliard Cole David Cordonnier, Fort Loramie Cum Laude Kaley Rochelle Coss, Bolivar Jack Condren Crowley, Shaker Heights Maana Cum Laude with Honors in Engineering Emily Anne Curtiss, Columbus Cum Laude Chengyuan Dai, Wuhan, China Cum Laude Brooke Kristine Delventhal, Strongsville Summa Cum Laude with Honors Research Distinction in Mechanical Enaineerina Adam Jacob DeNise, Englewood Maana Cum Laude with Honors Research Distinction in Mechanical Engineering Manjot Singh Dhillon, Johnstown Cum Laud Aaron Marshall Donaldson, Bowling Green Cum Laude Theodore Ching-Hsuan Du, Rochester Hills, MI Charles Donald Nathan Eichhorn, Highland Charles El-Helou, Cleveland Magna Cum Laude with Honors Research Distinction in Mechanical Enaineerina Kali Robert Ellison, Victorville, CA Michael Charles Engelman, Plymouth, MI Maana Cum Laude Thomas Jenkins Erb. Loveland Maana Cum Laude with Honors in Engineering with Honors Research Distinction in Mechanical Fnaineerina Nathaniel David Erbe, Oakwood Cum Laude Madelaine Isobel Franzoni, Mason Cum Laude Abhinay Gadde Hilliard Maana Cum Laude James Lawrence Gaydos, Hilliard Summa Cum Laude with Honors in Engineering Bradley Wayne Giordano, Birmingham, AL Cum Laude with Honors in Engineering

Nicole Michelle Glass, San Diego, CA Cum Laude Chase Evan Gough, Mansfield Connor William Grooms, Dublin lan Patrick Harvey, Sidney Ross Williams Heidersbach, Grafton Maana Cum Laude Olivia Rose Hemmelgarn, Maria Stein Magna Cum Laude Kyle Patrick Hickey, Mason Joshua Michael Himes, Columbus Summa Cum Laude Joshua Huang, Nashville, TN Cum Laude Steven Russell Hubert, Round Lake, IL Zhiyi Jiang, Tianjin, China Cum Laude with Honors Research Distinction in Mechanical Engineering Xinwei Jiao, Beijing, China Cum Laude Steven Kyle Jorden, Clarksville, TN Jacqueline Karl-DeFrain, Maumee Maana Cum Laude with Honors in Engineering with Honors Research Distinction in Mechanical Enaineerina Abiel Haile Kiflu, Columbus Timothy Joseph Kirby, Columbia, SC Maana Cum Laude with Honors Research Distinction in Mechanical Enaineerina Raja Naga Venkatesh Azaad Konakalla, Visakhapatnam, India John Robert Kosnik, Solon Cum Laude Kristina Marie Kuwabara, Timonium, MD Maana Cum Laude with Honors Research Distinction in Mechanical Engineering James William Lazenby, Perrysburg Magna Cum Laude with Honors Research Distinction in Mechanical Engineering Michael Lee, Brecksville Magna Cum Laude with Honors in Engineering with Honors Research Distinction in Mechanical Fnaineerina Elizabeth Marie Leszcz, Westlake Cum Laude with Honors Research Distinction in Mechanical Engineering Clay Matthew Lewis, Zanesville Zhixin Li, Beijing, China Summa Cum Laude with Honors Research Distinction in Mechanical Fnaineerina Evan Robert Linton, Westlake Jacob Alexander Liston, Bolivar Matthew Allen Little, Newcomerstown Redi Llapi, Patos, Albania Cum Laude Jenna Louise Losensky, Lake Orion, MI Summa Cum Laude with Honors in Engineering Mark Edward Luke, Cincinnati Magna Cum Laude Trevor Nathaniel Lynd, Cincinnati Cum Laude Isaiah Raymond Markley, Delaware Magna Cum Laude Taysa Thi Markus, Columbus

Anthony Sebastiano Martin, Chagrin Falls . Cum Laude Scott Lawrence Masteller, Macedonia Maana Cum Laude with Honors in Engineering Reed Matthew McMahan, Macomb, MI Thomas Dylan Monahan, Westbury, NY Benjamin David Moninger, Defiance Cum Laude Concetta Morino, Strongsville . Maana Cum Laude Rvo Nakahata, Loveland Maana Cum Laude with Honors Research Distinction in Mechanical Fnaineerina Morgan Renee Nash, Dayton Maana Cum Laude with Honors in Engineering Sierra Lauren Nave, Madison, AL Kenneth R. Nelson, Aurora Paul Niekamp, St. Henry Tyler Joseph Ochs, Liberty Township Cum Laude with Honors in Integrated Business and Engineering Robert Seton Olander, Rocky River Alec Michael Paige, North Royalton Magna Cum Laude Emily Carr Payne, Brecksville Cum Laude Vinh Hugh Peters, Grove City Jacob Orlando Pleiman, Russia Magna Cum Laude Hannah Grace Pohlabel, Fairfield Township Maana Cum Laude with Honors in Engineering Brianna Lee Poli, Mason Cum Laude Lauri Mikko Reponen, Cincinnati Caleb Joseph Richards, Morgantown, WV Summa Cum Laud Matthew Charles Riczko, Hamilton Maana Cum Laude with Honors in Engineering Shane Riddle, Stow Maana Cum Laude with Honors in Engineering Joshua Robert Rogers, Bellbrook Cum Laude Joseph Alan Rominger, Cincinnati Cum Laude Evan Ruchkin, Pittsburgh, PA Zachary Michael Salyer, Tipp City Maana Cum Laude with Honors in Engineering with Honors Research Distinction in Mechanical Fnaineerina Alexander Michael Scarmuzzi, Dublin Cum Laude Megan Marie Schaefer, Cincinnati Michael Joseph Scherping, Chesterfield, MO with Honors Research Distinction in Mechanical Enaineerina Theodore Aaron Sender, Beachwood Summa Cum Laude Calvin Charles Shaw, Waterford, MI Maana Cum Laude Robert Shepherd, Mason . Cum Laude with Honors Research Distinction in Mechanical Fnaineerina

Koltin Bernard Marguart, Findlay

Kyle Lee Sherrets, Groveport Maana Cum Laude Riley Christian Sommers, Hartville . Cum Laude Jonathan Paul Stranan, Canton Jiangang Su, Hefei, China Holden Joseph Szalek, North Rovalton Cum Laude Jiasheng Tan, Shanghai, China Zhenghuan Tang, Shanghai, China Cum Laude Zachary Dean Teaford, Powell Maana Cum Laude with Honors Research Distinction in Mechanical Enaineerina Michael Jay Teaney, Batavia Maana Cum Laude Guan Yu Teoh, Petaling Jaya, Malaysia Cum Laude Benjamyn Adam Thompson, Mooresville, NC Cum Laude John Ford Thoubboron Brick NI Maana Cum Laude Richie Tran, Lewis Center Magna Cum Laude with Honors in Engineering Scott Alexander Vinson, Fairfield Angella Nicole Volchko, Kent Summa Cum Laude with Honors Research Distinction in Mechanical Enaineerina Michael Paul Walker, Stow Evan Michael Wallace, Stow Magna Cum Laude Zhongda Wang, Yantai, China Elizabeth Sayers Weed, Pickerington Alexander Joseph Winkle, Columbus Seng Long Wu, Pickerington Maana Cum Laude Evan Atlee Yabs, Vincent Chase Alexander Young, Ellicott City, MD Cum Laude Jordan Lee Zorij, Brunswick **Bachelor of Science in** Welding Engineering Brian William Burga, Powell Nathaniel Flint Colvin, Plain City Cum Laude Corey Adam Cox, Shelby Cum Laude David Michael Folzenlogen, Mason Griffin Karl Goldenbagen, Pickerington Magna Cum Laude James Christopher Hansen, Glastonbury, CT Michael Trenton Hughes, Trabuco Canyon, CA Alexander Michael Huncherick, Galloway Eun Jang, Olmsted Falls Richard Harold Johnson III, Clarkston, MI

Cum Laude Cum Laude Jonathan Patrick Keenan, West Bridgewater, MA Ryan Campbell Lottes, Sewickley, PA Kevin Patrick McLaughlin, Westerville Aaron Justin Moore, Whittier, CA Benjamin Nathaniel Novotry, North Royalton Summa Cum Laude Raj Kirtikant Patadia, Rocky River Daniel Scott Posniack, Randolph, NJ

Daniel Scott Posniack, Randolph, NJ Cum Laude Kaushalya Putta, Dublin James Gregory Schmidt-Opelka, Arlington Heights, IL Morgan Kathleen Schroeder, West Chester Vaithesh Shanmugavel, Columbus Ryan Joseph Shepard, Mission Viejo, CA Nikolas Montero Strickler, Hilliard

### College of Food, Agricultural, and Environmental Sciences

Dean: Cathann A. Kress

#### **Bachelor of Science in Agriculture**

Jenna Nicole Alfman, New Lexington Ellen Ashley Andres, Delaware Taylor Nona Andrews, Bellevue Grant Kelson Auletta, Pepper Pike Bryce Squire Axelrod, Seville . Cum Laude Amanda Leigh Barber, Willoughby Hills Maana Cum Laude Amanda R. Barnum, Kingsville Madeline Elyse Bauer, Willard Makayla Danielle Beetham, Marysville Kevin Jake Berkowitz, West Bloomfield, MI with Research Distinction in Culinary Science Paul Isaac Boese, Goshen, NY Natassia Mari Boham, Columbus Hanna Rose-Marie Bond, North Jackson Seth Benjamin Boster, Findlay Charles Michael Bowlby, Logan Cum Laude with Research Distinction in Animal Sciences Austin James Brown, Brookville Lucas Alfred Buehler Botkins Kaitlin C. Butterfield, Oxford Magna Cum Laude Sean Philip Camilleri, Harleysville, PA Hailie K. Cassady, Mechanicsburg Gina Rae Cerimele, Warren Maana Cum Laude Ruozhao Chen, Columbus Maana Cum Laude with Honors Research Distinction in Agribusiness and Applied Economics Nicole Lynn Churilla, Waynesburg Cum Laude Allison Ann Clark, Hilliard Emily Cote Johnstown Cum Laude Anna Mackenzie Courtney, Davton BreeAnna Nicole Crider, Mansfield Lucas David Damman, Napoleon Joshua Loy Davis, Stockport Lindsay Judith Davis, Cygnet Cum Laude Shannon Abigail Davis, Centerburg Samantha A. DeAtley, Reynoldsburg Kelly Lynn Dempsey, Columbus Mitchell Steven Denes, London Tarshangi Hitesh Dixit, Medina Magna Cum Laude

Makenzie Doherty, Milford

Logan David Douglas, Ottawa Sidney Dayne Douglas, Newark Marshall Richard Downing, Columbus Grove Maana Cum Laude Martha Elise Drake, Bowling Green Emily Anne Duhigg, Upper Arlington Ellen Joy Dunkle, Columbus Cum Laude with Research Distinction in Entomology Hannah M. Dve. Beloit Anastascia Gabrielle Eckert, Huntington, IN Kristen M. Eisenhauer, Shiloh Magna Cum Laude Zachary Alan England, Osgood, IN Magna Cum Laude Katie Lynne Fath, Amherst Alec Wynn Felty, Marysville Lindsay N. Ferguson, McClure Elizabeth Rebecca Fetters, Laura Ethan Finck, Somerset Ryan Jeffrey Finigan, West Jefferson John Arthur Fischer, Ansonia Cum Laude Kennedy Sue Fischer, Galloway Holden Matthew Fosnaugh, South Vienna Maana Cum Laude Luke D. Fox, Thornville Summa Cum Laude Connor Douglas Frame, Lore City Keegan Dean Francis, Chillicothe Thomas Alan Free, Greenfield Wesley Albert French, Grove City Courtney Taylor Fulton, Kenton Cum Laude with Research Distinction in Agricultural Communication Anna Claire Garrett, Blue Ash Cum Laude with Honors Research Distinction in Animal Sciences Mims Troy Gatewood III, Columbus Cole Matthew Gillfillan, Hilliard Casey Golden, Columbus Cameron Elizabeth Goldston, Aurora Summa Cum Laude Randi Morgan Goney, Columbus Magna Cum Laude Alyssa J. Gordon, Upper Arlington with Research Distinction in Sustainable Plant Systems Lucas James Gray, Waynesfield Cum Laude Erika Guillen, Columbus Justin Scott Haerr, Springfield Paige Marie Hamrick, Willshire Cum Laude Jody Ann Hanko, Wakeman Ekaterina Lee Hardman, Murrysville, PA Cum Laude Madeline Dawn Harriman, Mansfield Andrew James Harris, Englewood David Todd Harvan, Sheffield Luke E. Hearon, Powell Cum Laude with Research Distinction in Entomology Morgan Nicole Hicks, Shelby Patrick Paul Hoffman, Westerville Maana Cum Laude Madison Ann Hollingsworth, Akron Dylan Hunter Holzschuh, Circleville Brooke Nicole Hottois, Southlake, TX Conner E. Hovest, Ottawa Alexis D. Howell, Paulding

Cum Laude

Rachelle Marie Howman West Salem Summa Cum Laude Brandon Eric Jackson, Toledo Mary Elizabeth Jenkins, St. Paris Magna Cum Laude David Ross Jenner. South Vienna Christie Marie Johnston, Willoughby Jesse Glenn Jolliff, Wooster Wvatt Jones, South Salem Maana Cum Laude Heather Blair Kaplan, Manalapan, NJ Summa Cum Laude Shannon Keirsten Kelley, Pittsburgh, PA David Joseph Kelty, Brunswick Morgan Cecilia Kiehl, Delaware Klayton Paul Kilzer, Amesville Mallory La'Niece Kimble, Columbus Meredith Kitzel, Avon Maana Cum Laud Samantha Elaine Kline, Perrysville Summa Cum Laude Kaylynn Mae Knauff, Columbus Hilary Ma ZiHong Kordecki, Atlanta, GA with Research Distinction in Animal Sciences Olivia Henia Kruczynska, Nashua, NH Cum Laude with Honors Research Distinction in Animal Sciences Hailey Kunath, Grafton Cum Laude with Research Distinction in Animal Sciences Matthew Robert LaGanke, Chesterland Kristina Dianne Lampton Eairborn Tyler Wilson Leach, London Victoria Tung-Xuen Lee, Wilmington, MA Louis Harrison LeVan, Woodstock Alyson Linton, Eastpointe, MI Cum Laude Stephen Abraham Lockwood, Columbus Sarah Fave Longo, Marion Summa Cum Laude Tyler Allen Lyren, Wadsworth Courtney Ann Maag, Ottawa Katelyn Susan Maloney, Lancaster Ashley Elizabeth Mandel, Avon Lake Summa Cum Laude Ross Joseph Mangas, Leipsic Alexandra Dawn Marguardt, Westerville Kollin J. Martin, Defiance Sierra Marie Mayle, Canal Winchester Jenna Marie McCartin, Farmingdale, NY Cody James McClain, Nevada Summa Cum Laude with Honors Research Distinction in Aariscience Education Summer R. McLain, Sidney Summa Cum Laude Chase Dawson Meeks, Shade Hunter William Meese, Dennison Stacie Christine Melick, Glenford Brittany Makayla Meng, Vandalia Micah Charles Mensing, Martin Cum Laude Max Frederick Meyer, Powell Molly Gabriella Michael, Baltimore Autumn Reandra - Joy Miller, Baltimore Clayton Forest Miller, Kinsman Maria Anne Minocchi, Dover

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Mitchell Roger Montgomery, Johnstown

Amanda Kate Morgan, Columbus Maana Cum Laude Mariah Renee Morris, Girard Danielle Marie Moser, Cincinnati Cum Laude Abigale Marie Motter, Mansfield Maana Cum Laude with Honors Research Distinction in Aariscience Fducation Emma Katherine Nicholson, Mount Gilead Abbie Jean Noble, Washington Court House Lexie Marie Nunes, Columbus Katie O'Connor, Byesville Jacob Oberster, Pickerington Samantha Quinn Oswalt, Greenwich Sarah Elizabeth Page, Burlington, WV Christopher Matthew Parsons, Chillicothe Panthini Patel, Westerville Emily Christine Paulsen, Maumee . Cum Laude Heather Alisan Pechtl, Columbus Maana Cum Laude with Research Distinction in Animal Sciences Jamie Lvn Penkava, Amherst Jonah Bryant Perkins, Urbana Cum Laude Craige Allen Perry, Jr., Warrensville Heights Etienne Roland Pouly, Orrville Danielle Marie Prachthauser, Brick, NJ Cum Laude Allison Anne Price, Tiffin Mikaela Rae Ramsey, Marysville Cum Laude Charis Kyela Ramsing, Columbia, MD Cum Laude with Honors Research Distinction in Plant Pathology Emily Reed, Dresden Derek Marshfield Ridder, London Megan Blair Ritter, Findlay Summa Cum Laude Maranda Elizabeth Rusk, South Vienna Todd J. Salamone, Norwalk, CT Colin Michael Sandrock, Elmore Cum Laude Tailer Kay Schmuki, Utica Brooke Laura Schultz, Blue Point, NY Cum Laude Sarah Ashley Schuster, Deerfield, WI Summa Cum Laude Kyle Scott, Richfield Frin Searson Hudson Grace Marie Seibel, Logan Cum Laude Ellyse Ann Shafer, Bellville Magna Cum Laude Lincoln Gavin Shaw Newcomerstown Hailey Nicole Shoemaker, Mechanicsburg Christopher Dean Shoup, Orrville Cum Laude Gaoshoutong Si, Qingdao, China Maana Cum Laude Austin Sigman, Heath Cum Laude Alayna Renee Simison, Circleville Cum Laude Mathew David Simmons, Utica Cum Laude Abigail Marie Simon, Oak Forest, IL

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Douglas Leslie Simpson, Powell Jacob Edward Singer, Columbus Meghan Rose Smith, Bayport, NY Summa Cum Laude with Honors Research Distinction in Animal Sciences Svdnev Rose Snider, Moscow Cum Laude Rebekkah Marie Sommer, Lebanon Maana Cum Laude John Michael Speicher, Massillon Cum Laude Madelyn Kathleen Spooner, Alton, IL Kourtney Lee Sprague, Dayton Garrett Ross Stanfield Manchester Andrava Kathrvn Starr, Dover Riley John Steiner, Rittman Maana Cum Laude Kerstin Danielle Stevens, Lockbourne Cum Laude Joshua Lee Stimpert, St. Louisville Cecilia Elizabeth Stone, Alliance Rachel Lynne Stoneburner, Amanda Mikayla Marie Storck, New Carlisle . Maana Cum Laude Adam Bradley Storer, Columbus Mercedes Rae Stover, Follansbee, WV Cum Lauda Kelly Marie Strayer, Columbus Nicole Elizabeth Strouse, Millersburg Jamie Lynn Summers, South Vienna Cum Laude Jessica Tang, Cleveland Kyle Jordan Tatad, Lima Ariel Taylor, Medina Magna Cum Laude with Honors Research Distinction in Animal Sciences Cole Martin Tebbe, Russia Alexandria Morgan Thierry, Pottstown, PA Michael Thorsen, Westerville Katelynne Teresa Titchell, Reynoldsburg Logan John Trbovich, Wavnesburg Megan Urig, Elyria Porscha Re' Valmont, Columbus Josie Taylor Vanco, Gallipolis Alyssa Vargas, Winter Park, FL Gabriella Elizabeth Vazquez, Medina Tara Louann Vorst, Middle Point Magna Cum Laude Maura Kathleen Waitkus, North Olmsted Ethan Scott Wallace, Waldo Kayla Nicole Walls, Mendon Summa Cum Laude with Honors Research Distinction in Agriscience Education Jeran Frederick Ward, Morral Shawn David Ward, Springfield Cum Laude Michael Horace Warnement, Milford Center Ariel N. Watson, Salesville Andrew Michael Waymire, Yellow Springs Brianna Leigh Wendt, New Vienna Morgan Kathleen Westover, Copley Megan Elizabeth Whalin, Stockport Summa Cum Laude with Research Distinction in Animal Sciences

Brant Douglas Wickline, Cedarville Amy Lisette Wilber, Delmar, MD Summa Cum Laude Tawni Williams, Dalton City, IL Cum Laude Jaime Ann Williamson. Groveport Emily Englert Winson, Port Clinton Cum Laude with Research Distinction in Animal Sciences Meghann Lynn Winters, Old Washington Magna Cum Laude Charles Brad Wippel, Orient Emily Alexandra Witker, Xenia Rachel Ann Woodruff, Bluffton Maana Cum Laud Jessica Lee Woodworth, Ashville Adam James Wukie, Elyria Alexander John Wynn, Bowling Green Magna Cum Laude Kimberly Lynn Young, Oberlin Zachary Scott Young, Xenia Roxanna Ingmei Yu, Cerritos, CA Cum Laude Tiangi Zhao, Changchun, China

#### Bachelor of Science in Construction Systems Management

Joshua Andrew Adams, Baltimore Nickolas Eric Aho, Canal Winchester Cole Bachtel, Jackson Levi Baker, Beverly Emanuel Barnes IV, Canal Winchester Sean Michael Brooks, Dublin Mackenzie Rose Davisson, Obetz Collin Thomas Eberhardt, Dublin Daniel R. Garness, Columbus Gabriel Joseph Gemberling, North Canton Steven Paul Gilbert, Wadsworth John Hagan, Jr., Perry Cum Laude Logan Timothy Harvey, New Franklin Collin Ross Hayes, Olmsted Township Vinton Peter Holtz, Columbus Chase William Huntsman Barnesville Jerry Joshua Jackson, Columbus Gokhan Karalar, Lake Ronkonkoma, NY

Bradley James Kelley, Elyria Magna Cum Laude Donovan Andrew Kitchen, Columbus Andrew Kyser, Hilliard Alexander Lancaster, South Charlaston Drew William Larkin, Glen Allen, VA Joseph Anthony Longo, Jr., Concord Matthew Alan Lowe, Millersburg Charles Robert McCraith, Hannibal, NY Corey Allan McLain, Wellston Johnathon Bradley Mileski, Kent Ryan Patrick Mullaney, Deer Park Shane Thomas Murray, New Albany Joseph Armon Paukstys, Chicago, IL Amanda Alexandra Pfeiffer, Westlake Quentin Lloyd Pruneau, Columbus Stephen Alexander Romanik Northfield Center David Allen Salzler, Plain City

Andrew James Schmidt, Coldwater Kevin John Stefancin, Cleveland Gerald W. Florian Strauss, Columbus Matthew David Stuve, Dayton Cum Laude Elhadji Ngagne Thiam, Columbus John M. Trainer, East Liverpool Denver James Wright, New Washington Magna Cum Laude Jacob M. Yahl, Spencerville Joshua Adam Yontz, Sandusky

#### **Bachelor of Science in Food Science**

Christopher Lee Abell, Parma Cum Laude Ayna Arora, Chandigarh, India Cum Laude with Research Distinction in Food Science and Technology Tucker Edward Bade, Naperville, IL Ashley Nicole Besancon, Wooster Summa Cum Laude Robin Brooke Bodner, Salesville with Research Distinction in Food Science and Technology Savannah Copas, Lake Waynoka Cum Laud Mariah Joy Cox, Chillicothe Cum Laude with Research Distinction in Food Science and Technology Gabriel Independence Hutchings, Lowell Emily Rose Kreinbrink, Leipsic Magna Cum Laude Ali Marie Lachey, Columbus Cum Laude Jing-Wei Lee, Rye, NY Summa Cum Laude with Honors Research Distinction in Food Science and Technology Xiang Li, Chengdu, China Summa Cum Laude with Research Distinction in Food Science and Technology Shaun Michael Olmsted, Pickerington Hannah Kathleen Preston, Urbana Summa Cum Laude \*Joshua Song, Loveland Maana Cum Laude Sarah Rose Steinbrunner, Sidney Summa Cum Laude Morgan Nicole Whitecotton, Hoffman Estates, IL Summa Cum Laude with Honors Research Distinction in Food Science and Technology McKayla Rae Wilson, London Eric Joseph Yale, Columbus Kuanrong Zhu, Jinan City, China Cum Laude with Research Distinction in Food Science and Technology **Bachelor of Science in Nutrition** Brooke Elizabeth Anderson, Xenia with Honors Research Distinction in Animal Sciences - Nutrition Kathryn Ann Sherman, Sunbury

#### **Dairy Certificate**

Kathryn Ann Sherman, Sunbury Morgan Kathleen Westover, Copley \*awarded posthumously

### School of Environment and Natural Resources

#### Bachelor of Science in Environment and Natural Resources

Imby Kimberley Abath, Columbus Kiersten Ann Ahrns, Dublin Summa Cum Laude Jacqueline Rose Altschuler, Lexington, MA Maana Cum Laude Rachel Leigh Baker, Hudson John Matthew Baugher, Mount Vernon Rachel Noelle Berry, Norridge, IL Drew Spencer Bessignano, Upper Arlington Cum Laudo Brinda Sanjay Bhatt, Powell William Craig Boorn, Granville Jordan Scott Brennan, Genoa Cum Laude McKenzie Elizabeth Brizes, Concord Evan Daniel Byrnes, Columbus Spencer James Calhoun, Naperville Lea Michelle Cane, Arlington, TX Magna Cum Laude Jacob Michael Cardinal, Whitehouse Cum Laude Meagan Carey, Columbus Cara C. Chatfield, Springfield Taryn Cheney, West Chester Maria Kay Ciotola, Grove City Joseph David Coffey, Chagrin Falls Cum Laude Carly Debora Cox, Austin, TX Patrick Cullinan, Pittsburgh, PA Summa Cum Laude Ryan Marshall Cunningham, Sunbury Maana Cum Laude Nathan Fredrick Dirmever, Dola Jillian Ashley Dyer, Columbus Cum Laude Amanda JoAnna Edge, North Lewisburg Andre Lawrence Fedotowsky, Centerville Katie Elizabeth Fineran, Zanesville Magna Cum Laude Kathryn Jane Finneran, Findlay Maria Punina Fredericks, Valley Stream, NY Maana Cum Laude with Honors Research Distinction in Environmental Policy and Decision Making Nicole Ann Freshour, Toledo Zane Leraan Fuller, Dayton Jared Patrick Gandelot, Cardington Cum Laude Erin Garris, Lancaster Jessie Marie Gibson, West Salem Magna Cum Laude Megan Maria Gilroy, Richfield Cum Laude Kandace Louise Glanville, Gahanna with Research Distinction in Forestry, Fisheries and Wildlife Harmon Eugene Gombash, Swanton Katie Marie Gorman, Loveland Grant Edward Gray, Rockford Jordan Christopher Greeley, Lima Isaac Jay Greene, Mount Perry Matthew Scott Griffin, Pickerington Summa Cum Laude

Daniel McBride Gum, Canton Vincent Patrick Hahn, Cleveland Juliet Rose Hall, Willoughby Maana Cum Laude Daniel John Helminiak II, Toledo Aaron John Homer, Waterville Jacob Clinton Humphrey, Cincinnati Maana Cum Laude Douglas James Hutnick, Canton Cum Laude Benjamin A. Jackson, Dayton Cody Lee Jackson, St. Clairsville Nathan Bernard Jacoby, Lakewood Magna Cum Laude Emily Lynn Jones, Circleville Eric A. Kaps, Sr., Upper Arlington Owen Riley Koehler, Medina Eleni Marie Kokales, Gahanna Summa Cum Laude Ida Karlotta Kruse, Muenster, Germany Lindsey Adell Krusling, West Chester Madeline Michelle Lambrix, Parma Joseph Nicholas LaMonte, Columbus Matthew Joseph Leiden, Perry Connor Lemons, Toledo Cum Laude Julia Monique Linares, Chicago Ridge, IL Summa Cum Laude Maggie Jean Long, Delaware Cum Laude Alvaro Lozano, Rolling Meadows, IL Xenia Grace Trimor Marzan, Defiance Michaela Sigal Master, New Albany Summa Cum Laude William John Mather V, Houston, TX Ayana Stephanie May, Beavercreek Marie Elizabeth McConnell, Pittsburgh, PA Christopher James Pridgen McMahon, Hilliard Matthew Kaiser McNeill, Forest Park Muhammad Firdaus Bin Md Azhar, Shah Alam, Selangor, Malaysia Emily Rae Melnik, Hilliard Samantha Renee Meng, West Chester Summa Cum Laude Dustin Patrick Mills, Columbus Stephanie Ray Mitchell, Charleston, IL Cum Laude Nicholas Allan Moore, Westerville Karen Eileen Murphy, Canton Katherine Taylor Nelson, Gahanna Ian Paul Newman, Moreland Hills Maana Cum Laude with Honors Research Distinction in Environment. Economy Development and Sustainability Timothy Nolan, La Grange . Cum Laude Riley Anne Nowacki, Broadview Heights Maana Cum Laude Natalie Marie Pax, Lewis Center Summa Cum Laude Hayley Ray Perkins, Cincinnati Logan James Pollander, Fort Wayne, IN . Cum Laude Michelle Clarece Pressel, Miamisburg Cum Laude Kamryn Natalie Queen, Marion Jessica Rose Quinn, Wellington Delia Ann Randolph, Cincinnati Cum Laude Grant Stuart Ravary, Columbus Jamie Amanda Richards, Marlboro, NJ Magna Cum Laude with Honors Research Distinction in Environmental Policy and Decision Making

Lauren Mckenzie Richards, Powell Cum Laude Samuel Richards, Westerville Branden Charles Ritter, Cincinnati Cum Laud Maria Felline Roda, Cebu, Philippines Cum Laude David Rose, Westland Maana Cum Laua Daniel Robert Saul, Piqua Erin Michelle Scott, Greenville Magna Cum Laude Shelby Kay Seas, Pataskala Magna Cum Laude Parker Eilbacher Siegfried, Granville Joshua Patterson Smith, Cleveland Cassandra Renee Stiles, Marysville with Research Distinction in Forestry, Fisheries and Wildlife Sydney Frances Stobart, The Woodlands, TX Cum Laude Emily Michelle Stoodley, Exeter, England Nicole Elizabeth Tabit, Dublin Laura Kathryn Teeter, Fairborn Nathan Lewis Tharpe, Jonesville, NC Miles Edward Van Blarcum, Hudson Maana Cum Laude Rohini Vembar, Twinsburg Cum Laude Jacob Joseph Watroba, Independence Maana Cum Laua Jacqueline Mae Weinberger, Johnstown Maana Cum Laude Madeline Elizabeth Wellman, Columbus Michael A. Whitacre, Hudson Elizabeth Anne Whiteman, Oxford Cum Laude Melissa Lynn Wilkinson, Streetsboro Qizhang Wu, Shenzhen, China Cum Laude

### Agricultural Technical Institute - Wooster

#### Associate in Applied Science

Samuel Anthony Arcaro, Mentor Caleb Thomas Breece, Alvada

Stephen James Budweg, Oberlin Cum Laude

James R. Calhoun, Wadsworth Mark Neally Christopherson, Thompson Thomas Currier, Hamilton Ariel Katherine Davenport, Perrysburg Dawson L. Deetz, Sugarcreek Thomas Elbert Dumbauld, East Palestine Michael Robert Erf. Bellevue Magna Cum Laud Gabrielle Nicole Fleming, Ravenna Noah Tyler Fouty, Bloomdale Madison Joy Galloway, Amanda Collin Andrew Gifford, Circleville Cum Laude Kyle Andrew Gray, Fairfield Hayden Richard Hall, Kinsman Aaron David Hand, Bucyrus

Austin Brad Haury, Cambridge Zachary Michael Herink, Bridgeport Devin Matthew Herman, Edgerton Magna Cum Laude

Cheri A. Hilton, Creston Adam Steven Hollins, Dublin Clinton Thomas Liming, Bethel Aaron Robert Lochtefeld, Fort Recovery Jordan JoVaan Logan, Cleveland Samantha Alison Martin, Bucyrus William Michael Morisak, Akron Emily Dawn Mullen, Okeana Christopher Allen Myers, Belpre Jonathan Matthew Nicol, Irwin Jacob Tyler Perdok, Hinckley Bryce Aaron Schauer, Centerburg Devon Shaw, Swanton Clare Loraine Soehnlen, Navarre *Mogno Cum Laude* 

Levi Allen Stauffer, Mount Blanchard Garrett Austin Summit, Carey Austin Keith Thompson, Leesburg Bryce Mathew Tuttle, Rawson Ian Robert Urguhart, Akron Katherine Ann Wagner, Waterford Mary Elizabeth Wilhelm, New Bavaria

#### Associate of Science

Lindsey Rae Barto, Burghill Schelby Ellen Beach, Forest Emily Elizabeth Beal, Conover Frank Daniel Becker, Smithville Allison Jane Bourne, Louisville Darian Leigh Brooks, Norwalk Lauren Burner, Findlay Madeline Nicole Burns, Wooster Maana Cum Laude Grant Tyler Carman, Galion Cum Laude Devin Levi Coon, Jackson Cody Austin Corbett, Wooster Joshua Loy Davis, Stockport Rikki Lynn Davis, Streetsboro Julia Marie Dimmerling, Louisville Kathryn Irene Downs, Dalton Darby Kaye Eades, Bellefontaine Matthew Ryan Erf, Bellevue Marissa Marie Farmer, Bristolville Cade Riley Field, Green Camp Cum Laude Micayla Elaine Fincham, Wakeman Marshall J. Firestone, Wooster Madison Lauren Fomich, Louisville Matthew William Gardner, Big Prairie Cum Laude Jessie Marie Gibson, West Salem Maana Cum Laude Leah Marie Gochnauer, Smithville Isaac Jay Greene, Mount Perry Keith James Grobe, Elvria Kari Ann Harding, Sugarcreek Cum Laude Kiley Marie Harriman, Mansfield Brooke Noelle Hayhurst, Shreve Morgan Nicole Hicks, Shelby Erin Marie Hist, Litchfield Patrick Thomas Hobart, Willoughby Martin Roy Hofbauer, Sylvania Mackenzie Lynn Hyatt, Wooster Mitchell Scott Inman, Williamsfield

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Cum Laude

Steven Andrew Jenkins, Wooster Cum Loude David Ross Jenner, South Vienna Seth Owen Johnson, Ravenna Jesse Marie Jones, Oberlin Joshua Anthony Jones, Bryan Lauren Filzabeth Jones, Delta Mackenzie Hope Kater, Forest Carly Diann Kenseth, Huntertown, IN Reannen Abigal Kiley, Winchester

Nathan Daniel Kimmet, Sycamore Summa Cum Laude Isaac James Klingman, Wooster Matthew Dale Kranz, South Charleston Kyle Charles Kurtz, Malinta Caley Ann Legg, Willard Magna Cum Laude

Maggie Sierra Lieb, Avon Summa Cum Laude

Megan Lynn Little, Carrollton Dauren Mason, Centerburg Olivia Naomi Linda Maurer, Anna Rebecca Grace McCarty, St Louisville Magna Cum Laude

Collin Ray McCoy, Coshocton Eliza BreAnn McFarland, Cambridge Kylie Marie McLean, Salem Logan K. Menuez, Wooster *Cum Loude* 

Nicole Ruth Middaugh, Junction City Alec Gabriel Miller, Bloomville Bridget Kathleen Miller, Columbus Madisen Mae Morlock, Pemberville Magna Cum Laude

Jordan Timothy Olinger, Coshocton Magna Cum Laude

Sarah Elizabeth Page, Burlington, WV Justin Thomas Pittenger, Wooster Sara Rachelle Reed, Delaware Rachel Ann Reichert, Maria Stein Elizabeth Marie Rhamey, Loudonville Alexander Douglas Rinearson, Guilford MaKayla Sue Risner, Winchester Cum Laude

Dominick Jason Russano, Brunswick Travis Phillip Rutledge, Scio Paige Gracelyn Schaffter, Edon Summa Cum Laude

Drew John Schaurer, Covington Cum Laude

Jeren Dean Schroeder, Chagrin Falls Henry George Schuh, Liberty Township Abigail Marie Searls, Akron Morgan Kay Seckel, Marion Moang Cum Laude

Robert E. Selvey, Sr., Green Springs

Mikayla Alexandria Shanks, McClure Darby Sherman, Oak Harbor Summa Cum Laude

Madelynn Elizabeth Skillings, South Charleston Trace Kenneth Smail, Conover Aaron Michael Smith, Norwalk Austin Jacob Smith, Amanda Riley John Steiner, Rittman Magna Cum Laude

Carlee Jean Stewart, Laurelville Jacob Paul Stutz, Danville Marianne Nicole Swart, New Marshfield Austin Daniel Tallman, Oak Harbor Magna Cum Laude Gabrielle Rai Anne Tong, Tiffin

Benjamin Rodgers Traver, Wooster Magna Cum Laude

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Jamie Leigh Walter, Baltimore Cum Laude

Alex Richard Wasserman, Helena Jacey Louise Weaver, Johnstown Matthias Lee Wenzinger, New Bavaria Titus Adam West, New Concord Brant Douglas Wickline, Cedarville Ashiee Parker Williams, Croton Meghan Lynn Winters, Old Washington Magno Cum Luade Charles Brad Wippel, Orient Connor V. Wolford, Howard Luke Mattson Woodruff, Hamilton Christopher Richard Yost, Malvern Brandon Mitchell Zemrock, Shreve Jessica Leidh Zwick, Canton

Certificate in Hydraulic Service and Repair

Stephen James Budweg, Oberlin Jonathan Matthew Nicol, Irwin

### Michael E. Moritz College of Law

Dean: Alan C. Michaels

#### Juris Doctor

Alexander A. Al-Doory, Akron

Lyndsey M. Andray, Columbus

Elizabeth Arentz, Columbus Magna Cum Laude

Samuel Jacob Arnone, Columbus B.S. Cum Laude

Tyler G. Aust, Columbus

Joseph R. Barton, Kettering Magna Cum Laude

Patsy Jordan Belcastro, Beaver Falls, PA B.S. (Trinity Christian College)

Katherine T. Berger, Sunbury B.A. (Ohio Wesleyan University) Summa Cum Laude

Sara Sinclair Blair, Woodsfield

Andrew T. Bobowski, Columbus

Kolton J. Bodnovich, Highland Heights B.A. (Vanderbilt University)

Averie R. Bornhorst, Minster

Emily C. Bowen, Dublin B.A. (University of Colorado at Colorado Springs)

Zachary Pierce Bowerman, Columbus

William Earle Braff, Cincinnati Summa Cum Laude

Daniel D. Briggs, Columbus B.A. (University of North Carolina) Cum Laude

Aileen Brock, Dublin B.S. (California State University)

Michelle Marie Brunson, Madison B.A.

Maya J. Buening, Columbus

Aaron Geoffrey Burnside, Columbus B.S.Bus.Adm. Summa Cum Laude

Timothy L. Calderwood, Cuyahoga Falls

Phoebe O. Calipjo, Columbus

Haley Elise Carley, Columbus B.A.

Matthew R. Carpenter, Mayfield Heights

Joseph M. Carrafiello, Beavercreek Magna Cum Laude

Claudia S.E. Cash, Pepper Pike B.S.

Emily Rose Cashell, Cincinnati B.S.

Kathryn L. Caudill, Cincinnati

Xiao Chang, Beijing, China B.Laws (Capital Normal University)

Yawen Chen, Wuhan, China B.Laws (Hubei University of Police)

Patricia Danielle Cortez, Upper Sandusky B.A.

Ayesha L. Cotton, Columbus B.S. (Howard University)

Steven Thomas Darnell, Lancaster

Mingyue Deng, Tai'an, China

Kimberly Ursula N. Despas, Columbus

John Connor Dever, Columbus

William S. Donovan, Columbus B.A. (Wake Forest University)

Erica E. Duff, Shaker Heights B.A. (Wake Forest University) Magna Cum Laude

Kenneth Duncan, Poland

Samuel David Ehret, Columbus B.A.

Jonathan R. Elsner, Columbus B.S. (Miami University) M.S. (Central Michigan University) M.B.A.

Michelle Dioselina Esparza, Columbus

Caroline Eversman, Columbus Cum Laude

Sarah Nicole Feldkamp, Reminderville B.A.

Kiera Maire Finelli, Solon B.A.

Brandon Alexander Finley, Louisville B.A. (Walsh University)

Seth Finton, Coshocton

Jordan M. Franks, Columbus Magna Cum Laude

Jiangzhou Fu, Shenzhen, China

Timothy J. Gabel, Columbus Magna Cum Laude

Jonathan W. Getson, Columbus B.S. (Towson University)

William G. Ghidotti, Dublin B.S. (High Point University)

Hyungmin Gill, Columbus B.A. (Hankuk University of Foreign Studies) M.A. (Korea University)

Christian A. Gillikin, Westerville B.A.

Vanathi P. Gnanam, Columbus

Morgan E. Govatos, Oak Park, IL

Kiriaki Grammenidis, North Canton B.A.

Marion Abigail Graves, Loveland B.A. (Miami University)

Olivia C. Grieszmer, Cincinnati

Matthew D. Gutierrez, Akron Cum Laude

David J. Haba, Broadview Heights Cum Laude

Kristin Nichole Hammond, Columbus B.A. (Otterbein University)

Matthew Sebastian Natha Harris, Columbus

LaQues Denise Harrison, Euclid B.A. (Miami University)

Elizabeth G. Hartman, Canal Winchester

Andrea Hearon, Columbus

Joshua S. Henniger, Massillon Cum Laude

Everardo Hernandez, Jr., Defiance B.A.

Samantha Hobbs, Marysville B.A. (Miami University)

Robert M. Hooper, Glouster B.A.

Haleigh Hopkins, Cincinnati B.A.

Alyson M. Houk, Grove City

Hillary Shaina Hoxworth, Reynoldsburg B.S.Educ.

Carsten G. Hoyt, Dublin

Katherine McKenzie Hunter, Worthington B.A.

Thomas D. Jackson, Cleveland

Alexander M. Janoso, Columbus Cum Laude

Tyrik Jiang, Columbus

Beverly Y. Johnson, Cincinnati B.A. (University of Dayton)

Emily Jaye Johnson, Worthington

Kyle C. Johnson, Kingston, OK Cum Laude

Samuel Patrick Jones, Canal Winchester B.A. (College of The Holy Cross) Magna Cum Laude

Natalie V. Kannan, Columbus Summa Cum Laude

Masallay N. Kanu, Columbus B.A. (University of Cincinnati)

Martin J. Kerscher, Columbus B.S. (Miami University)

Ashley N. Kim, Columbus

Anthony Clinton Kiper, Columbus

Molly Craft Koenig, Cincinnati B.A.

Alan Lingqian Kong, Columbus B.S. (University of Michigan)

Jared E. Kriwinsky, Moreland Hills B.A. (Denison University) Cum Laude

Arielle Austin Larson, Honesdale, PA

Haohan Li, Hangzhou, China B.Laws, Bachelor's (Wuhan University)

Yuwei Li, Dalian, China B.Laws (Zhejiang Agriculture and Forestry University)

Lucian Lungu, Cambridge, WI

Jantzen D. Mace, Highland Heights B.A. (Miami University)

Meghanne C. Majdecki, Hilliard B.A. (University of Tampa)

Shana Beth Marks, Gahanna B.S.Bus.Adm. Magna Cum Laude

Nicole A. Mayo, Alpharetta, GA B.A. (University of Georgia)

Joshua John McCarroll, Grove City B.S. (University of Toledo Magna Cum Laude William John Meadows, Medina B.S.Bus.Adm. Cum Laude

Andrew F. Meinert, Columbus

David Anthony Mendoza, Columbus B.A. (University of Texas)

Phillip E. Michel, Columbus B.A. (University of Texas)

Robert J. Misey, Mequon, WI

Adil Baig Moghal, Columbus B.S. (West Virginia University) Ph.D.

Ali A. Najaf, Columbus B.A. (University of Michigan)

Christopher C. Nani, Columbus

MacKenzie Brooke Newberry, Gallipolis B.A. Cum Laude

Kenzie K. Nothnagel, Columbus B.F.A. (Rutgers University)

Margaret E. O'Shea, Cincinnati B.A.

Taylor Elaine Patterson, Columbus Summa Cum Laude

Brianna Alyssa Penn, Columbus

Kirstin Ann Peterson, Warren B.A.

Matthew R. Petti, Columbus B.S.Bus.Adm. Maana Cum Laude

Taylor Amanda Piel, Arcanum B.S.

Drew A. Pinta, Cuyahoga Falls B.A. (Miami University)

Samuel C. Ransbottom, Columbus B.A. (Marshall University)

Nicole K. Repetto, Columbus

Madeline J. Rettig, Blacklick

Sarah A. Rhodes, Columbus B.A. (Duquesne University)

Amy K. Riedel, Columbus B.S. (United States Naval Academy)

Abigail R. Riffee, Mineral Ridge B.S. (University of Mount Union) Cum Laude

Michael B. Rogers, Columbus

David C. Roper, Cincinnati B.A. (Walsh University)

Aaron D. Rothey, Columbus B.A., M.Educ. Caroline Groves Rowley, Fairfax Station, VA

Gretchen M. Rutz, Hilliard Summa Cum Laude

Joshua A. Sabo, Copley B.A.

Franko Sallaku, Columbus B.A. (Oakland University)

Jonah D. Samples, Columbus

Kandis MiKelle Sargeant, Columbus B.A.

Maxwell T. Schmidt, Hudson B.S. (Ohio University)

Matthew J. Scott, Alliance B.A.

Morgan Layne Shafley, Plain City B.S.Agr.

Madeline H. Shanahan, Cincinnati

William C. Shaughnessy, Solon

Joshua Shenkar, Columbus

Rachel E. Shonebarger, Gahanna Magna Cum Laude

Matthew R. Shunkwiler, Hilliard B.A. (University of Maryland)

Cory T. Skerl, Chagrin Falls

Eric Peter Slater, Columbus B.A. (State University of New York at Albany)

Austin R. Slutsky, Westerville

Michaela Breslin Courchesne Smith, Columbus B.A.

Miki Someya, Yokohama, Japan

Kishala Srivastava, Columbus

Jacob A. Steffey, Orlando, FL

Christopher Isaiah Stephens, Bellefontaine

Matthew William Stevens, Canfield B.A. (Youngstown State University) Maana Cum Laude

Kassandra J. Stewart, Kingston B.A. (Case Western Reserve University)

Ryan W. Steyer, Defiance Cum Laude

Alexander J. Szaruga, Bexley B.Mus.Ed.

Anthony C. Thompson, Wheeling, WV

Jake Thorn, Columbus

Taylor R. Tremont, Valley City B.A.

Jane T. Tsai, Powell B A

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Adam D. Vincent, Columbus B.A.

Cameron Miles Weaver, Galloway B.A.

Ethan William Weber, Columbus B.A. (Miami University) M.S. (Johns Hopkins University) Cum Laude

Michael Vincent Wilhelm, Bay Village B.A. (Loyola University Chicago)

James M. Williams, Cincinnati

Andrea Ren Witte, Utica B.A. (Denison University) Cum Laude

Cameron M. Wright, Columbus B.A. (University of Utah)

Katherine E. Zdenek, Columbus B.A. (Ohio Wesleyan University)

Abbey M. Zeller, Cincinnati B.A. (Ohio University)

Chao Zhao, Lvliang City, China B.Laws, Master's (Zhongnan University of Economics and Law)

#### Master of Laws

Shiyi Chen, China

and Law)

Divi Cui, China

Monterrey)

VNU-HCMC)

University)

University)

Kuan Yu Lee, Taiwan

Tianyang Chen, China

Science and Law)

Fatimah Alghamdi, Saudi Arabia B.Laws (Prince Mohammad Bin Fahd University)

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Mara Gonzalez Ballesteros Herrera Mexico

Phung Anh Ngoc Lang, Vietnam B.Laws (University of Economics and Law:

M.Laws (Transnational Law and Business

B.Laws (Fu Jen Catholic University)

Telma Esperanza Martinez, Honduras

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B.Laws (Facultad Libre de Derecho de

Natalia Gallego Acosta, Colombia

B.Laws (Universidad de Los Andes)

Abrori Charliene, Indonesia B.Laws (Universitas Gadjah Mada)

Mabel Juliana Reyes Ramirez, Colombia B.Laws (Universidad Externado de Colombia)

Wei Shi, China B.Laws (Southwest University of Political Science and Law)

Yeon Sun Shin, South Korea B.Laws (Soongsil University) M.S. (Seoul National University)

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Wendan Xi, China B.Laws (Beijing Jiaotong University)

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#### **College of Medicine**

Dean: K. Craig Kent

#### **Doctor of Medicine**

Timothy Marcus Ayodele Adesanya, Columbus B.A. (University of Chicago) Ph.D.

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Michael Yang Bai, Columbus B.S. (University of North Carolina)

Christine Barron, Columbus B.A. (Harvard University)

Stephen Michael Bergin, Columbus B.S. (Duke University) Ph.D.

Elizabeth Michelle Bley, Cleves B.S.Hlth.Reh.Sci.

Lindsay Hallett Boles, Columbus B.A. (Middlebury College) 92 Alison Jaye Boxwell, Columbus B.S. (College of William and Mary) Ph D

Nevin Britto, Columbus B.A. (Harvard University)

Arthur Thomas Broadstock, Dayton B.S.

Sandy Brundage, Columbus B.S. (Auburn University Main Campus)

Scott Michael Canepa, Columbus B.S. (University of California)

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Julia Chalif, Columbus B.A. (Northwestern University)

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Andrew Steven Chen, Columbus

Grace Chen, Woodland Hills, CA B.A. (University of Chicago)

JC Chen, Columbus B.S. (University of Michigan) Magna Cum Laude

Megha Chiruvella, Columbus B.S. (Emory University)

Liyung Tiffany Chou, Pleasanton, CA B.A. (University of California) Magna Cum Laude

Ross Thomas Comisford, Granville B.S. (Ohio University) Cum Laude

Aliza Michelle Cook, Columbus B S

Carlos Canek Cordero-Caballero, Columbus B.S. (University of California) M.S. (Case Western Reserve University)

Richard John Cunningham, Colum B.S. (University of Central Florida) Summa Cum Laude

Nicole Marissa Davidson, Columbus B.S. (University of Michigan)

Matthew Zachary Dawson, Newark B.S. (Pennsylvania State University)

Jennifer Marie DeSalvo, Westlake B.S.Hlth.Reh.Sci.

Garrett Patrick Diltz, Lima B.S. (University of Alabama) Summa Cum Laude Zachary Robert Diltz, Lima B.S. (University of Alabama) Summa Cum Laude

Ryan Gregory Eaton, Mansfield B.S.Biomed.Eng. Magna Cum Laude

Andrew Richard Eiterman, Dublin B.S.Bus.Adm.

Victoria Elizabeth Ellis, Sylvania B.A. (Wellesley College)

Jordan Brady Evans, Columbus B.S. (Brigham Young University) Magna Cum Laude

Katia Fernandez, Columbus B.S. (University of Notre Dame)

Miles William Adolphus Fisher, Westerville B.S. (United States Air Force Academy)

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Kymberly Carol Forsyth, Columbus B.S. (University of Connecticut) Cum Laude

Hannah Fox, Columbus B.A. (Washington University in Saint Louis)

Thomas James France, Cleveland Heights B.S. (University of Denver)

Saul Wong Fredrickson, Highland Heights B.S.

David Charles Gage, Columbus B.S. (Utah State University)

Sarah Marie Gartner, Hebron B.S. (Miami University)

Tania Blanc Gennell, Columbus B.A. (University of California)

Adriana Giuliani, Columbus B.A., B.S. (Indiana University)

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Gabriella Trinidad Gonzales, Columbus B.S. (University of Notre Dame)

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Andrew Spenser Hair, Columbus B.S. (Pepperdine University)

Caitlin Janelle Handy, Columbus B.A. (DePauw University) Cum Laude

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Haley Kay Herman, Atlanta, GA B.A. (University of North Carolina)

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Larry Ray Hromalik, Hilliard B.A.

Alex Hsieh, Columbus B.S. (University of Toronto)

Idia Martha Ifianayi, Columbus B.S. (University of Illinois)

Abdullahi Jama, Dublin B.S.

Eric Xiaochen Jiang, Dayton B.S. Summa Cum Laude

Summa Cum Laude

Sonya Maryliz John, Columbus B.A. (University of California)

Morgan Alyssa Johnson, Dublin B.S.Nutrition, M.S.

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Alisha Kamboj, Columbus B.S.

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Neha Patel, Powell B.A. (Northwestern University)

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David Patrick Pettit, Portsmouth B.Music

Magna Cum Laude

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Kelsey Marie Sicker, Dublin B.S.

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Scott Richard Smith, Worthington B.A. (University of Utah)

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Judy Jingxuan Wang, New Orleans, LA B.A. (Washington University in Saint Louis)

Rebecca Feiyu Wang, Centerville B.A. (Vanderbilt University) Magna Cum Laude

Samantha Caroline Warwar, Dayton B.S. Cum Laude

Sonya Jean Wegman, Galloway B.S. Summa Cum Laude

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Mary Catherine Wirtz, Canfield B.S.

Amelia Adelaide Wooten, Columbus B.S. (Colorado State University)

Jaclyn Wu, Columbus B.S. (University of North Carolina at Chapel) Cum Laude

Trudy Christine Wu, Altadena, CA B.S. Magna Cum Laude

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James L. Yan, Columbus B.A., B.S. (University of Washington)

William Woosuk Yang, Columbus B.S. (Johns Hopkins University)

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Tian Xiang You, Mayfield Heights B.A. (Cornell University)

Nichole Elyse Zayan, Novi, MI B.S. (University of Miami) Magna Cum Laude

Anna Marie Zemke, Columbus B.A. (University of Washington)

Margaret Guo Zhang, Mason B.S. (Yale University)

#### Bachelor of Science in Biomedical Science

Madison Caroline Allen, Aurora Maana Cum Laude with Honors in Medicine Alicia Bao, Dublin Summa Cum Laude with Honors in Medicine with Honors Research Distinction in Riomedical Science Traci Blue, Overland Park, KS Cum Laude with Honors in Medicine Olivia Ann Carter, Reynoldsburg Summa Cum Laude with Honors in Medicine Ashlee Nicole Chadwick, Cincinnati Karthik Balaji Chakravarthy, Beavercreek Magna Cum Laude with Honors in Medicine with Honors Research Distinction in Biomedical Science Kyle Andrew Deistler, Lewis Center Magna Cum Laude with Honors in Medicine Andrew Joseph Fernandez, Columbus Max Oliver Fernandez, Columbus Magna Cum Laude with Honors in Medicine Simon Anthony Fernandez, Columbus Cum Laude with Honors in Medicine Jacob Grimmer, Parma Maana Cum Laude with Honors in Medicine with Honors Research Distinction in Biomedical Scianca Browning Elizabeth Haynes, Shaker Heights Maana Cum Laude with Honors in Medicine Andrew John Hu, Grand Forks, ND Summa Cum Laude with Honors in Medicine Austin Michael Keller, Lake Zurich, IL Maana Cum Laude with Honors in Medicine Victoria Anne Kocsuta, Pittsburgh, PA Summa Cum Laude with Honors in Medicine Megan Kruze, North Royalton Maana Cum Laude with Honors in Medicine Kathryn Sue Lane, Kendallville, IN Maana Cum Laude with Honors in Medicine with Honors Research Distinction in Riomedical Science

Eun-Ju Joyce Lee, Dublin Magna Cum Laude with Honors in Medicine Alexandria Marie Lenyo, Huron Summa Cum Laude with Honors in Medicine Sophia Elizabeth Maharry, Columbus Gophia Bizabeth Maharry, Columbus Sophia Cum Laude with Honors in Medicine Aman Prasad, Dublin Summa Cum Laude with Honors in Medicine

### School of Health and Rehabilitation Sciences

Bachelor of Science in Athletic Training

Molly Elizabeth Albert St Marys Benjamin Thomas Biddinger, Hilliard . Cum Laude Matthew Canzonieri, East Hanover, NJ Cum Laude Liam Chayse Casto, Gallipolis Cum Laud Kendra Evelyn Fennig, Celina Cum Laude Ali Shanae Fischer, West Carrollton Emma Bays Fish, San Diego, CA Cum Laude Kaitlyn Michel Hocutt, Columbus Cum Laude Megan Nicole Imwalle, Celina Maana Cum Laude Steven Krizo, Columbus Cum Laude David Paul Krukemyer, Bowling Green Magna Cum Laude Ashleigh Elizabeth Lakatos, Dix Hills, NY Benjamin Lefevre, Oregon Cum Laud Erika Paige McCort, Newark Cum Laude Jason McGee, Gaithersburg, MD Maana Cum Laude Anne Margaret Moyse, Chagrin Falls Maana Cum Laude Emily Katherine Mulkey, Greenville, SC Cum Laude Brian Taylor Price, Gahanna Magna Cum Laude Adrian Ressing, Chicago, IL Maana Cum Lau Samantha Ray Schipfer, Mechanicsburg Magna Cum Laude Mikayla Marie Simon, Toledo Cum Laude Alexis Nicole Smith, Waldorf, MD Cum Laude Samantha Tansey, Pawleys Island, SC Evelyn Victoria Thorne, Hudson Cum Laude Erica L. Vanover. Dublin

Kyle Robert Winiger, Libertyville, IL Cum Laude

#### Bachelor of Science in Health and Rehabilitation Sciences

Gameesa Mohamed Abdalhalim, Columbus Abdisalam Abib Abdullahi, Columbus Kadiia Abib, Westerville Mena Michelle Afsarifard, Chardon Ama Nyaniba Aidoo, Agona Swedru, Ghana Cum Laude Michelle Lynn Alaimo, Liberty Township Maana Cum Laud Gabriella Janae Allen, Lima Stacy R. Allen, Cincinnati Magna Cum Laud Lauren Alexandria Ames, Wilmington Cum Laude Hannah Marie Ammon, Cincinnati Cum Laude Madyson Kay-Ann Arra, Columbus Maana Cum Laude Meredith Carmela Ashton, Olmsted Falls Richard Allen Asquith, Jr., Galloway Cum Laude Brittany Shanét Baab, Cincinnati Magna Cum Laude Melissa Diane Baker, Hubbard Jessica Banjany, Manalapan, NJ Emilie Marie Bartow, Findlay Cum Laude Elizabeth June Bauer, Westerville Madeline Grace Bauer, Dover Sara Jane Baughman, Akron Ashtyn Marie Baumgardner, Perrysburg Teresa Bell, Avon . Cum Laude Alex Michael Berling, Dublin Regan Taylor Betts, Avon Cum Laude Alexis Nicole Biller, Reynoldsburg Cameron Lynn Biro, Akron Jacqalyn Lanette Bishop, Grandview Heights Connor Douglas Blakely, Westerville Cum Laude Timothy Ian Charles Blunn, Eastleigh, Hampshire, Great Britain Angela Marie Bohrer, Medina Maana Cum Laude Joseph Francis Bonanno, Fitchburg, MA . Maana Cum Laud Erin Elizabeth Bosse, Findlay Summa Cum Laude Collin August Bower, Columbus Aleaha Marie Branham, Dayton Morgan Emily Bright, Wooster Maana Cum Laud Rachel Suzanne Bright, Huntersville, NC Cum Laude Sarah Michelle Bright, Columbus Magna Cum Laud Katelynn Margaret Brulport, Cincinnati Courtney Jane Bua, Peabody, MA Magna Cum Laude Klaudia Bucher, Harrison Jennifer Leigh Buening, Columbus Cum Laude Pierce Allen Burris, Baltimore Kimberly Ann Buschmeier, Cincinnati Summa Cum Laude Nicole Marie Butson, Metamora Alexandria Marie Calic, Mentor Summa Cum Laude Sophia Calvin, Cincinnati

Cum Laude Christine Marie Campbell, Powell Alyssa Lynn Cannon, Hilliard Magna Cum Laude Eileen N. Carey, Cleveland Maana Cum Laude Christian Johnathan Carlisle, Reynoldsburg Jessica Lauren Carruthers, Monroe, CT Maana Cum Laude Zachary Michael Casto, New Holland Magna Cum Laude Audrey Tian Chiang, Hilliard Magna Cum Laude Elisabeth Whittier Ciesick, Cincinnati Cum Laude Gina M. Cifani, Chagrin Falls Magna Cum Laude Megan Cimorell, Powell Emma Colavincenzo, Charlottesville, VA Cum Laude Michael Lange Collins, Avon Maana Cum Laude Tristan Warren Cook, Milford Olivia Danielle Coonfare, Hilliard Cum Laude Abigail Alexandria Cordell, Cleveland with Research Distinction in Medical Dietetics Ashley Ann Cotnam, Littleton, MA . Cum Laude Jocelyn Elizabeth Counts, Botkins Cum Laude Jordan Alynn Cowger, Ashtabula Nia Tatyana Crosby, Cincinatti Madeline Rose Davis, Columbus Zachary Michael Davis, Kingston Cum Laude Brianna Dawson, Zanesville Magna Cum Laude Samantha Brooke Day, Whitehall Maana Cum Laude Lillian Elizabeth Delatore, Dayton Maana Cum Laude with Research Distinction in Medical Dietetics Lisa Marie Denison, Westerville Maana Cum Laude Cristina Nicole Dennison, Troy Magna Cum Laude Alexandria Dominique DeSico, Cleveland Denyzel Mae Dichosa, Avon Lake Angela Alexis Dick, Medina Cum Laude Brian T. Do, Dublin Cum Laude Minh-Chau Natasha Doan, Centerville Cum Laude Nina Dorthea Duarte, Mason Carley Anne Dudley, Lewis Center . Cum Laude Caroline Ann Dugan, New Richmond Maana Cum Laude Mary Kathryn Durkin, Avon Lake Claudia Jean Edell, Gaithersburg, MD with Research Distinction in Medical Laboratory Science Boston Montgomery Edgar, Cincinnati Ryan Johnathan Edwards, Mansfield Shelby Brooke Elgart, Mansfield Abigail Susan Engelhardt, Cincinnati Cum Laude Kaitlyn Noelle Engle, Thornville Cum Laude Brittany Danielle Ensman, Shelby Taylor Marie Erne, North Royalton . Magna Cum Laude

Courtney Lyn Eubanks, West Dundee, IL Cum Laua Sarah Ann Felix, Toledo Summa Cum Laude Megan Elizabeth Ferry, Newbury Samantha Lauren Fiedler, Morrow Maana Cum Laude Gabriella Brooke Field, Medina Maana Cum Laude Julia L. Fine, Cleveland Cum Laude Matthew William Fiore, Rochester, NY Cum Laude Lauren Fleming, Cincinnati Summa Cum Laude Jordan Taylor Foreman, Dublin Derek Robert Foust, Delphos Cassandra LeeAnn Frantz, Toledo Cum Laude Leigha Danelle Frazier, Portsmouth Cum Laude Brianna Marie Fries, Wexford, PA Cum Laude Elizabeth Jean Frombach, Avon Sophia Christine Futrell, Cleveland Brianna Leigh Galang-Swanson, Independence Cum Laude Rachel Marie George, McComb Cum Laude Maria Celine Gerbic, Bellbrook Cum Laude Hermon H. Ghebremedhin, Reynoldsburg Alexis Jordan Ginwright, Maywood, IL Oxana Gishyan, Columbus Summa Cum Laude Evelvn Calista Gold, Granville Cum Laude Mikaelie Sara Gonzalez, York, PA Maana Cum Laude Robyn Catherine Gordon, Canton Mikavla Elizabeth Graham, Hilliard Antonette Lachelle Grandison, Columbus Maana Cum Laude Madison Reed Gregorio, Lewis Center Cum Laude Rvan Kenneth Cole Grooms, Winchester Cum Laude Ellen Nicole Gruesen, Bexley Maana Cum Laude Meredith Rose Guggenheim, Chagrin Falls Megan Elise Gunderson, Naperville, IL Alexandra Elizabeth Gunner, Chagrin Falls Maana Cum Laude Julia Marie Guyton, Green Magna Cum Laude Megan M. Hamilton, Broadview Heights Sean Albert Hanwell, North Attleborough, MA Amelia Suzanne Harmon, Centerburg Maana Cum Laude Margaret Nicole Hartmann, Cincinnati Cum Laude Scott Samuel Hastings, Columbus Zachary Allen Haverfield, Marion with Research Distinction in Radiologic Sciences and Therapy Gavin Marsh Hayes, Canton Rachel Lauren Hayes, Bethpage, NY Cum Laude Nicholas Matthew Hedrick, Reynoldsburg Stephanie Heimbach, Centerville . Cum Laude

Stanley Shabazz Hendricks, Columbus

Paige Henry, Cincinnati Cum Laude Sarah Kathryn Hertzler, Worthington Emma Catherine Hickey, Westerville Maana Cum Laude Carl James Higbea, Defiance Summa Cum Laude Jeffrey Allan Hildebrand, North Royalton Jamie S. Hiott, Lewis Center Sydny Lynne Hodell, Dayton Samantha Lee Holthaus, Centerville Maana Cum Laude Libby Nicole Hooper, New Lexington Tyler Anthony Hopkins, Wadsworth Cum Laude Kristina Elizabeth Horstman, Lewis Center Maana Cum Laud Julia Marie Houk, Lakewood Maana Cum Laude Charlie Huang, Solon Emily Louise Huber, Lancaster Magna Cum Laude with Research Distinction in Medical Dietetics Kellilyn Danielle Hutchison, Westerville Cum Laude Amanda Kathleen Jensen, Medina Summa Cum Laude Liuging Jia, Dublin Ashlee Johnson, Germantown, MD Kristen Elizabeth Johnson, Bellbrook Maana Cum Laude Evan Michael Jones, Woodstock Pavithra Kannan, Dublin Cum Laude Lucy O'Reilly Kayuha, Columbus Magna Cum Laude Hisham Khan, Carmel, NY Cum Laude Danielle Nicole Kimmet, Brentwood, TN Summa Cum Laude Ryan Alexander Kisamore, Suffield Cum Laude Emily Kate Knabe, Mason Maana Cum Laud Tyler Paul Knapp, Diamond Cum Laude Melody Elizabeth Kneisel, Lorain Magna Cum Laude Amanda Knoll, Glen Gardner, NJ Cum Laude Taylor Anne Koenig, Spencerville Maana Cum Laude Kayla Anne Korenowski, Chagrin Falls Maana Cum Laude Karis Kovacs, Gurnee, IL . Magna Cum Laude Kirsten Kay Somerville Kovar, North Royalton Magna . Cum Laud Stephen Robert Krauser III, Bay Village Kyle Stephen Krempasky, Macedonia Chase Preston Kuhn, Galloway Jia Ying Kwong, Singapore Summa Cum Laude Ashley Taylor LaFountain, Hilton, NY Magna Cum Laude Divya Gitanjali Lall, Hewlett, NY Cum Laud Hannah Elyse Lang, Cleveland Cum Laude Rachel Lartey, Columbus Jeffrey Laubert, Lewis Center Cum Laude Amanda Xin Hui Lee, Singapore

Summa Cum Laude

Yunmilee lima Bailey Gary Lee Leggett, Sylvania Magna Cum Laude Anthony Cage Letchworth, Lawrence, KS Magna Cum Laude Marlena Lee Liming, Lordstown Magna Cum Laude Taisiya Linnik, Columbus Magna Cum Laude Allyson Morgan Litzinger, Hilliard Maana Cum Laude Steven Michael Lollo, West Jefferson Amanda Marie Lombardo, Yorktown Heights, NY Cum Laua Erin Ashley Longstreth, Batesville, IN Cum Laud Amanda Rae Lowery, Kimbolton Maana Cum Laude Alyvia Latina Lucarelli, Cleveland Olivia Lucrezi, Cleveland . Magna Cum Laude Melissa Raquel Magyer, Steubenville Summa Cum Laude Zachary Michael Manos, North Canton Kaylee Elizabeth Maravy, Lancaster Cum Laude Douglas Andrew Matson, Continental Michael Thomas Maupin, Columbus Madison Riley Mazur, Genoa Cum Laude Kelsey Marie McCaffrey, Chardon Cum Laude Nicole Elizabeth McFadden, Dublin Maana Cum Laude Katherine R. McGrath, Oak Park, IL Cum Laude Laura Claire McIntosh, Bartlett, IL Magna Cum Laude Kathleen McIntyre, Worthington Alexis Lauryn McKenzie, Atlanta, GA Katelyn McKown, Sylvania Magna Cum Laude Nicole Ashley McMillin, Hartville Cum Laud Ana M. McPeek, Hilliard Summa Cum Laude Ashley Christine McQueary, Mason Cum Laua Megan Lee Mercer, Pioneer Malorie Middleton, Grove City Brittany Kathryn Miller, Loveland Summa Cum Laude with Honors in Health and Rehabilitation Sciences Carly Elizabeth Miller, Wheelersburg, WV Katherine Ruth Minnelli, Harrison Magna Cum Laude Shekinah Rae Moon, Cincinnati Caitlynn Rene Moore, Wilmington Cum Laude Caroline Terese Moore, Milford Aerin Morckel Loveland Sara Moyer, Centerville Maana Cum Laude Tayler-Jo Ane Mullins, Springfield . Summa Cum Laude Kindra Danelle Murphy, Indian Lake Meghan Michele Murphy, Hilliard Cum Laud Lori M. Myer, Sylvania Shane David Myers, Shelby Monica Marie Nedeff, Dayton Maana Cum Laude

Alayna Nelson, Clington Township, MI

Jessica Ann Nelson, Sunbury Megan M. Nelson, Plymouth, MA Maana Cum Laude Danielle Anne Newell, Kettering Cum Laude Matthew Mccue Niklas, Cincinnati Kyle David Nugent, Baltimore Erica Michelle Nymberg, Center Valley Summa Cum Laude Danielle Marie O'Brien, Columbus Peter Harman O'Mathuna, Dublin, Ireland Magna Cum Laud Caitlin Elizabeth Oberst, Pickerington Maana Cum Laud Samuel Robert Obringer, Chagrin Falls Summa Cum Laude Justin Jungwoo Oh, Dayton Cum Laude Madison Noelle Orlett, Portsmouth Mobolaji Ore Oseni, Columbus Sarah Jean Overstrom, New Tripoli, PA Cum Laude with Honors in Health and Rehabilitation Sciences Carlie Catherine Palmer, Dayton Danielle Rose Palutsis, Louisville Isabelle Joy Panza, Parma Maana Cum Laude Miranda M. Paradowski, Lancaster, NY Maana Cum Laud Drashti P. Patel, Columbus Shreya Patel, Mentor Marie Rose Pelner, Lakeville, MN Magna Cum Laud Jacob Richard Perino, Waterville Magna Cum Laud Madison Taylor Pharo, Whitehall Veena Chao Phommarath, Columbus Hope Alana Pickus, Plainview, NY Tiffany Nicole Julie Pinto, Columbus Magna Cum Laude Jennifer Nicole Pochter, New City, NY Cum Laude Katelyn Marie Pollock, Westerville . Cum Laude Keerthana Rao Ponneri Anand, Dublin Katherine Potter, Acton, MA Magna Cum Laud Deserrae Mae Potts, Bolivar Summa Cum Laude Haley Cheyenne Powell, Cuyahoga Falls Cum Laude Grace Ann Purkey, Somerset Nawal Abdul Rahim, Columbus Marvin Raneses, Columbus Roslyn Ruth Rathbone, Wyoming Summa Cum Laude Jordan Nicole Ravens, San Diego, CA Morgan Jean Ray, Frenchtown, MT Magna Cum Laude Benjamin Robert Recker, Glandorf April Elizabeth Reeder, Columbus Nicolas Jeffrey Reider, North Canton Megan Elizabeth Resetar, Reynoldsburg Hunter Donald Dean Rich, Arcanum Olivia Rider, Beaver Cum Laude Jared Thomas Rindler, Tipp City Maya Elie Rizkala, Solon , Summa Cum Laude Samantha Michele Rodgers, Dresden Katherine Anne Roland, Medway, MA Magna Cum Laude Dresden Rose Romine, Ashville Emily Rosenberg, Horseheads, NY Maana Cum Laude 95 Madison Lynn Roth, Wexford, PA Summa Cum Laude Rachel Rothring, Cincinnati Cum Laude Mitchell Deion Rowell, Gahanna Cum Laude Joshua Michael Russell, Hilliard Cum Lauda Rachel Elizabeth Russell Mars PA Magna Cum Laude Sarah Rutledge, Clinton, PA Cum Laude Hannah Renee Sacchini, Kent Maana Cum Laude Julia Robyn Saltzman, East Hills, NY Geneva Anne Sandridge, Solon Cum Laude Cesar Fernando Sarmiento, Gurnee, IL Monica Susan Sarp, Charlottesville, VA Timothy M. Sarver, North Canton Savannah Lee Sason, Mentor Sebastian Kah-Shing Saw, Thousand Oaks, CA Brooke Alexandra Schierenbeck, Cincinnati Eric Robert Schmidt, Glenview, IL Maana Cum Laude Sarah Catherine Schroeder, Columbus Grove Maana Cum Laude Matthew Peter Schroth, Strongsville Elizabeth Caroline Scott, Dublin Maana Cum Laude Jenna Karolyn Selby, California, MD Madison Kate Sessor, Granville Mary Josephine Sheehan, Chagrin Falls Cum Laude Logan Campbell Sheets, Liberty Township Maana Cum Laude Jacqueline Shilling, Saratoga Springs, NY Nicole Christine Shook, Centerville Maana Cum Laude Jordan Elizabeth Sidders, Urbana Maana Cum Laude Alicia Renee Simpson, Powell . Magna Cum Laude Wesley Logan Sipes, Sunbury Cum Laude Mikayla Christine Smalley, Savage, MN Madison Michele Smerdell, Canal Winchester Cum Laude Meredith Kathryn Smith, Gurnee, IL Cum Laude Sarah Isabel Smith, Columbus Carmen Elaine Soranno, Wooster Grace Elizabeth Soufleris, Southampton, PA Cum Laude Emilee Marie Elizabeth South, Columbus Claire Elizabeth Spech, Willoughby Hills . Magna Cum Laude Melissa Ann Spoljaric, Chardon Cum Laude Emali Elizabeth Sroufe, Lima Alexis Caitlin St. Clair, St. Clairsville Ryan Luke St. Clair, Senecaville Jessica Riley Stafford, Wichita, KS Julia Ann Stanley, Marysville Meghan Stepanek, Aurora Cum Laude Kayla Marie Stephenson, Mendon Jordan Nicole Stickley, Arcanum Magna Cum Laude Kayla Michelle Tackett, Mount Sterling . Maqna Cum Laude Si Yu Tan, Singapore Cum Laude

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Jaden Isao Tanaka, Mission Viejo, CA Tennea Taylor-Jenkins, Canton Cum Laude Brielle Moran terVeen, Willard Jacob Tharp, Tiopecanoe Adam Christopher Throckmorton, Grove City Cum Laude Katie Marie Travers, Elyria Cum Laude Andrew Vincent Trecaso, Akron Samantha Johanna Tremblay. Washington Township Cum Laude Alisa Ushats, Solon Cum Laude Victoria Paige Van Buren, Carmel, NJ Cum Laude Joseph Corey Van Oss, Cloverdale Cum Laude Yvette Vargas, Cleveland Cum Laude Brenda Vazquez, Strongsville Andrew Verbeek Kenton Samantha Vetter, Toledo Lauren Elizabeth Villa, Rochester, NY Cum Laude Andriy Vlashyn, New Palestine, IN Maana Cum Laude Morgan Elizabeth Von Holle, Middletown Cum Laude Katherine Louise Wagner, Springfield Kari Helen Watts, Loveland Maana Cum Laude Cassandra Ann Wegryn, Cincinnati Cum Laude Joyce M. Whitson, Columbus Josephine Kate Wielinski, Waterville . Maana Cum Laude Mallory Cheyenne Wiles, Powell Magna Cum Laude Ashleigh Elizabeth Williams, Mount Vernon Laura Anne Wilson, Bay Village Cum Laude Taylor Lynn Winters, Lima Jordan Marie Wittig, Aurora Cum Laude Bryce Austin Wollenslegel, Sandusky Cum Laude Jeremy Carl Wyers, Chagrin Falls Cum Laude Cassandra Lynn Zamaripa, Columbus Jennifer Zegiel, Boca Raton, FL Tamra Kathleen Zeid, Columbus Cum Laude Julia Elizabeth Zezinka, Cranberry Township, PA Magna Cum Laude with Research Distinction in Health Sciences **Certificate of Post Baccalaureate** Medical Technologist

Abdullahi Ali Ahmed, Columbus Nicholas Bryant Allen, Columbus Robert Timms, McArthur *Cum Laude* Julia Marie Wise, Pickerington

### College of Nursing

#### Dean: Bernadette M. Melnyk

# Bachelor of Science in Health and Wellness Innovation in Healthcare

Christian Elizabeth Cook, Columbus Madeline Paige Davies, Byesville Summa Caun Laude Erin Elizabeth Mahaffey, Columbus Magna Cun Laude Paith Choi Pearson, Dublin Magna Cun Laude Maya Claire Wagner, Findlay Magna Cum Laude

#### **Bachelor of Science in Nursing**

Folasade Bunmi Aiyeru, Columbus Idil Omar Ali, Westerville Magna Cum Laude Katherine Marie Ammon, Allentown Lindzey Dee-Ann Amspaugh, Nashport Felicia Rhiannon Arnold, Marysville Maana Cum Laude Kayla Rachelle Baker, Winchester , Maana Cum Laude Samantha Maree Barrow, Columbus Cum Laude Devon Corissa Bartlett, Aurora Magna Cum Laude Sarah Nicole Bazemore, Reynoldsburg Kristine Elizabeth Belcher, London Grace Catherine Berichon, Newtown, PA Maana Cum Laude with Honors Research Distinction in Nursing Rachael Lynn Brezovec, Chagrin Falls Summa Cum Laude Taylor Lee Brokamp, Cincinnati Cum Laude Abby Allison Broyles, Mansfield, MA Maana Cum Laud Hannah Nicole Bubnar, Granville Cum Laude Rilev Mitchell Buchanan, Mason Cum Laude Lauren Nicole Buettner, Lima Cum Laude Claire Nicole Button, Cincinnati Cum Laud Krista Lee Buyno, Gahanna Sarah Margaret Cain, Springfield Cum Laude Kylie Cairns, North Olmstead Maana Cum Laude Katie Carcaterra, Cincinnati Summa Cum Laude Alicia Lee Cardosi, Westerville Kellie Angela Angelo Carlson, Columbus Cum Laude Anthony Aden Carr, Akron Cum Laude Gwen Caven, Pittsburg, PA . Magna Cum Laude with Honors Research Distinction in Nursing Taylor Elizabeth Chapman, Ashtabula Cum Laude

Amanda Christy Chounramany, Akron Mary Diane Chudy, Lakewood Summa Cum Laude

Rebecca Ann Cline, Grove City Payton Elizabeth Clum, Pickerington , Magna Cum Laude Jailene Marie Corporan, Bellbrook Magna Cum Laud Josie Sue Marie Corwin, Lakeview Madison Clare Covert, Wadsworth Summa Cum Laude Allison Crasi Aurora Cum Laude Kristen Alysse Criswell, Lima Lorin Ashley Dahlfors, Columbus Maana Cum Laude Taylor Morgan Dangel, Lebanon Summa Cum Laude James Michael Demitri, Richmond, VA Gina DePalma, Columbus Maana Cum Lauc Olivia Marfisa DePassio, Columbus Maana Cum Laude Maria Frances Doty, Stow Magna Cum Lau Jordan Ann Dye, Plain City Summa Cum Laude Aidan Barmak Dyer, Heath Cum Laude Mollie E. Easterling, Seville Maana Cum Laude Danielle Marie Fastham Hilliard Cum Laude Malisha Edwards, Cleburne,TX Mary Katherine Ellis, Naperville, IL . Cum Laude Amanda Lynn Euans, Deleware Cum Laude Madison Leigh Fairchild, Tallmadge Cum Laude Caitlin Louise Farrell, Kalamazoo Maana Cum Laud Tara Michelle Fears, Cincinnati Summa Cum Laude Kaylee Paige Fenwick, Springfield Alexandra Fester, Oakwood Summa Cum Laude with Honors Research Distinction in Nursing Abigail Lynne Fickel, Dublin Cum Laude Madison Renee Filicko, Broadview Heights Cum Laude Morgan Leann Fitch, Pataskala Magna Cum Laud Abbey Jane Flick, Salt Lake City, UT Summa Cum Laude Elizabeth Katherine Ford, Bellville Abigail Grace Francy, Avon Lake Magna Cum Laude Mary Frazier, Richmond, VA Kavla Frea, Delaware . Maana Cum Laude Emily Brooke Friedman, Cleveland Summa Cum Laude Haley Christine Frye, South Lebanon Summa Cum Laua Lisa Gamble, Wapakoneta Cum Laude Lauryn Elizabeth Geringer, Lockport, IL Maana Cum Laud Cassandra M. Gerzeny, Twinsburg Maana Cum Laud Bailey Elizabeth Gibson, West Jefferson Samantha Good, Upper Arlington . Magna Cum Laude Mattie Marie Grim, Holgate Maana Cum Laude

McKenna Dean Guillozet, Piqua Summa Cum Laude Sarah Katherine Hall, Flat Rock Timothy James Hall, Miamisburg Joshua Tyler Hamilton, New London Magna Cum Laude Iris Louise Hanes, Columbus Maana Cum Laud Lisa Amber Hannahs, Columbus Elizabeth Ann Harding, Galena Brittany Alexis Hardyman, Pickerington Magna Cum Laude Maggie Brianne Hartshorn, Woodsfield Maana Cum Laude Ashley Anne Hatcher, Powell Maana Cum Laude Antoinette Morgan Henthorne, Caldwell Cum Laude Kelsey Nicole Hershberger, Dover Maana Cum Laude Hannah Kathryn Hicks, Columbus Magna Cum Laude with Honors Research Distinction in Nursing Hannah Louise Himes, Lewis Center Summa Cum Laude Leigh Ann Hiser, Binghamton Leslie Grace Hixenbaugh Lima Jenna Elise Holcomb, Dublin Magna Cum Laude Cassandra Lynn Hovanec, Strongsville Summa Cum Laude Katie Hsieh, Sylvania Maana Cum Laude with Honors Research Distinction in Nursing Jennifer Nicole Hupp, Westerville Summa Cum Laude Sabrina Jamal-Eddine, Cincinnati Summa Cum Laude Kelsey Johnson, Reynoldsburg Elise Marie Jones, Dublin Kaitlin Christine Jones, Rockbridge Maana Cum Laud Misti Ranee Jones, Marysville Maana Cum Laud Grant Andrew Collier Junge, New Albany Maana Cum Laude Hannah Annice Kantzer, Marion Magna Cum Laude Hannah Frances Kayuha, Dublin, Australia Summa Cum Laude with Honors Research Distinction in Nursing Gage Keaton, Willard Maana Cum Laude Wendy Ann Kehler, Columbus M. Michelle Klaus, Spencerville Magna Cum Laude Rachael Knight, North Reading, MA Magna Cum Laud Caroline Duncan Koenig, Cinicinnati Magna Cum Laude Esther Appiah Konamah, Columbus Maana Cum Laude Monica Ann Kotyuk, Warren Summa Cum Laude Ornella Ohiniba Koumi, Columbus Magna Cum Laude Demetra Eleni Koutras, Columbus Summa Cum Laude Grace Katherine Krammer, West Chester Summa Cum Laude Adam Zachary Krantz, Solon Maana Cum Laud

Nicole Lynne Kreinbrink, Leipsic Summa Cum Laude Samantha Rose Lamanna, Pittsburgh, PA Maana Cum Laude Chloe Grace Lambert, Pickerington Magna Cum Laude Karaline Rae Lammers, Cleves Emily Lang, Cleveland Heights Maana Cum Laude Amanda Jane Leach, Reynoldsburg Maana Cum Laude Natalia Isabel Legarreta, San Antonio, TX Cum Laude John Chadwick Lenhart III, Pueblo, CO Margo Marie Lince, Hilliard Cum Laude Mikayla Joan Lonergan, Lakeville, MN Magna Cum Laude Sarah E. Long, Sylvania Summa Cum Lau Alexandria Noel Lopez, Vermillion Cum Laude Olmares Lugo, Columbus Magna Cum Laude Ma. Anjanette Madamba, Parma Cum Laude Keri Mast, Lewis Center Taylor Scott Matheson, Dayton Maana Cum Laude Kassandra McDonald Logan Marah Kathleen McDonald, Westerville Magna Cum Laude Christian Jamison McGraw, Rockford, IL Magna Cum Laude Kailyn Elizabeth McKinley, Victor, NY . Cum Laude Kathryn Marie McMurray, Grove City Molly Elizabeth McShannic, Akron Maana Cum Laude Karli Jo Meister, South Lyon, MI Summa Cum Laude Tess Alexandra Meyer, West Chester Maana Cum Laude with Honors Research Distinction in Nursina Jaclyn Denise Mickley, Columbus Cum Laud Elaine Noel Miller, Dayton Cum Laude Morgan Elizabeth Miller, Wapakoneta Magna Cum Laude Collen James Mincher, North Royalton Maana Cum Laude Alexandria Jane Moore, Rochester, MN Michaela A. Mueller, Louisville, KY Maana Cum Laude Olivia Munneke, Cincinnati Cum Laude Sarah McKenzie Myers, Dublin Summa Cum Laude Nawzli Nassersharifi, Delaware Sydney Michelle Neff, Commercial Point Magna Cum Laude Jessica Anna Nelisse, Sagamore Hills Cum Laude Cheyenne Ashley Niekamp, St. Marys Vincenza Cecilia Guarino Nothstein. Naperville, IL . Magna Cum Laude Megan Rose Novotney, Chardon . Magna Cum Laude Mia Katarina Nuiic, Eastlake Magna Cum Laude Oluchi Michelle Obiagwu, Galloway Cum Laude Alexander Jay Paeltz, Cincinnati

Summa Cum Laude

Kathryn Parr, Baltimore Cum Laude Jessica Catherine Passwater, Columbus Maana Cum Laud Grace Catherine Pelfrey, Avon Magna Cum Laude Alison Marie Peltcs, Hilliard Alexandra Sage Petersen, Dublin Magna Cum Laude Kiersten Peterson, Alliance Cum Laude Alexandra Paige Pettit, Columbus Summa Cum Lau Brennon Brian Pinion, Uniontown Maana Cum Laude with Honors Research Distinction in Nursina Madelyn Elizabeth Plant, North Royalton Cum Laude Kaylee Ann Ploskonka, North Royalton Cum Laude Ana Maria Potter, Canyon Country, CA Magna Cum Lauc Mercedes Domonique Pratt, Austintown Summa Cum Laude with Honors Research Distinction in Nursing Arlene Amanda Preece, Columbus Megan Ann Quintile, Brunswick Cum Laude Alexus Jonae Ramsey, Columbus Maana Cum Laud Katherine Anne Rapp, Upper Arlington Summa Cum Laude Kayla Marie Repass, Toledo Caitlyn Marie Rice, Heath Magna Cum Laude Andrew Charles Sakamoto, Columbus Elissa Giovanina Sander, Middletown Adja Awa Sane, Dublin Gabrielle M. Sanor, Beloit Cum Laude Emma Grace Schoepf, Ross Summa Cum Laud Sarah Elizabeth Scott, Charleston, SC Paul Andrew Serwatka, Euclid Julianne Marie Shirilla, Brunswick Magna Cum Laude Gabrielle Anna Shirzadian, Alexandria Madison Lee Spellman, Chillicothe Maana Cum Laude Gary Brent Sterling, Zanesville Nicole Cecelia Steward, Medina Maana Cum Laude Evan Kenneth Stifel, Cincinnati Cum Laude Alia Joy Stone, Lucas Maana Cum Laud Kayla Marie Thien, Minster . Maana Cum Laude Jade Taylor Tyree, Springfield na Cum Laude Casey Dawn Varble, Sunbury Britne Lane Vondra, Avon Magna Cum Laude Emily Anne Walenchok, Pittsburg, PA umma Cum Laude Jessica Suzann Walland, Tipp City Summa Cum Laude Hailey Lynn Walters, Worthington Hannah Rose Weaver, Wheelersburg Maana Cum Laude Amber Webb, Cincinnati Grace Trovillo Wedgewood, Lebanon Cum Laude Kylie Marie Whalen, Mentor

ie Marie Whaleh, Mento Magna Cum Laude Rebecca Anne Wheeler Dresden Summa Cum Laude Samantha Elaine Widman. Tiro Claire Margaret Wilber, Rocky River Maana Cum Laude Elisha Louise Evelyn Williams, Huber Heights Summa Cum Laude with Honors Research Distinction in Nursing Emma Lucille Wilson, Worthington Maana Cum Laude Jessica Marie Witkin, Lewis Center Summa Cum Laude with Honors Research Distinction in Nursing Christina Leigh Yamarick, Powell Summa Cum Laude Tiffany Ann Yanosky, Pittsburg, PA Hannah Renee Zawada, Springfield Magna Cum Laude

#### College of Optometry

Dean: Karla Zadnik

#### Doctor of Optometry

Rebecca JoAnne Allen, Erlanger, KY B.S. (University of Louisville)

Jessica Bergana, Blacklick B.A.

Marielle Blumenthaler, Brecksville B.S. (University of Notre Dame) *Cum Laude* 

Alicia Borer, Ottawa B.S. (University of Toledo) Cum Laude

Ryan John Bretz, Seven Hills B.S.

Macy Aryn Caldwell, Port Clinton B.S. (Ashland University)

Carolyn Chakuroff, Merrimack, NH B.S. (Saint Lawrence University) M.S. Summa Cum Laude

Summa Cum Laud

Jordan M. Claboine, Rochester, NY B.S. (University of Florida)

Zachary Alan Coates, Shadyside B.S.Chem.Eng.

Jennifer Marie Conn, Strongsville B.S.Nutrition

Daniel Patrick Crawford, Upper Arlington B.S. (Denison University) M.A. (National Louis University)

Hannah Davidson, Rio Grande B.S.Agr. Magna Cum Laude

Kayli Nicole Davis, Westerville B.S.Hlth.Reh.Sci. Cum Laude

Rachel L. Fenton, Stuart, FL B.A. (Denison University) Cum Laude

Elizabeth Grace Fisher, Upper Arlington B.A.

Julia A. Fitzpatrick, Pittsburgh, PA B.S., M.Pub.Hlth. (University of Pittsburgh)

Margaux Flaherty, Green B.S. (University of Akron) Cum Laude

Rebecca C. Fox, Maumee B.S. (University of Toledo)

Heather Renee Frideger, Minster B.S.

Elizabeth Jean Galko, Mentor B.A.

Justin C. Gillette, Oklahoma City, OK

Jessica R. Gruver, New Bethlehem, PA B.S. (Clarion University of Pennsylvania) *Cum Laude* 

Silva Hamade, Detroit, MI B.S. (George Mason University)

Tyler P. Hamby, Birmingham, AL B.S. (University of Alabama- Birmingham) *Cum Laude* 

Laura Chenoweth Hamman, Clarksburg B.S.Hlth.Reh.Sci.

Caitlyn P. Haring, Grafton, WV B.S. (West Virginia University) Cum Laude

Megan Suzanne Hurley, Beavercreek B.A. (Miami University) Cum Laude

Magnolia Hiu-Yee Ip, Westlake B.S.

Elizabeth Ann Kahlig, Fort Recovery B.A. (Ball State University)

Keyana Mariah Kelley, Columbus B.S.

Justin Robert Klimchak, Latrobe, PA B.S. (University of Pittsburgh)

Jill Renee Kopechek, New Carlisle B.S. Maana Cum Laude

Jessica Ann Kreinbrink, Ottawa B.A. 98 Christina J. Locke, Tucson, AZ B.S. (University of Arizona) Summa Cum Laude

Valerie Paige Mangold, Dayton B.S. (Wright State University)

Brooke Mathie, Louisville B.S. (University of Mount Union) Cum Laude

Kaitlyn L. McBride, St. Marys B.S. (Xavier University)

Hafsa Mohiuddin, Lewis Center B.S.

Tracy L. Moor, Avon Lake B.S. (University of Dayton) Maana Cum Laude

Kelly M. Morgan, North Royalton B.S. (University of Notre Dame) Magna Cum Laude

Shannon Palmer Morgan, Waynesville B.S. Magna Cum Laude

Joshua R. Morris, Bellville B.S. (University of Akron) Cum Laude

Linh-An J. Nguyen, West Chester B.S. (University of Illinois)

Kayla Elizabeth Novak, Strongsville B.S.

Landon Robert Perry, Gahanna B.S.

Dalya Khaled Qaisi, Hilliard B.S.

Tanya Rana, Cincinnati B.S. (Xavier University)

Brian David Rashid, Grand Rapids, MI B.S. (Michigan State University)

Megan E. Rath, Canton B.S. (Miami University)

Erin M. Ross, Sellersville, PA B.S. (Cedarville University) Magna Cum Laude

Alexzandra A. Rudinoff, Gibsonburg B.S. (Xavier University) Magna Cum Laude

Ryan R. Rutschilling, Celina B.A. (Capital University) Magna Cum Laude

Kelsey Ann Sanata, Sharon, PA B.S. (University of Pittsburgh) Cum Laude

Kelley E. Sedlock, Northern Cambria, PA B.S. (Saint Vincent College) Cum Laude Stephanie N. Shoults, Brookline, NH B.S. (Butler University)

Daniel J. Slavik, St. Clairsville B.S. (Kent State University)

Edmund C. Smallwood, Gahanna B.A. (Vanderbilt University)

Whitney Danielle Spitnale, Continental B.S.

Bryce Patrick St. Clair, Anniston, AL

Wendy Lee Thurman, Mechanicsburg B.S. (Wright State University)

Aimee N. Violette, Pewaukee, WI B.S. (University of Minnesota, Twin Cities) Cum Laude

Hannah Vollmer, Sherwood B.S. (Trine University) Magna Cum Laude

Brooke Anne Weisenburger, Norwalk

Lida Zeinalpour, Columbus B.S. (Indiana University Kokomo) M.S. (Indiana University Purdue University Indianapolis) Magna Cum Laude

Abbey Marie Zimmerman, Westlake B.S.

#### College of Pharmacy

Dean: Henry J. Mann

#### Doctor of Pharmacy

Desta T. Abay, Canal Winchester B.S.Pharm.Sci.

Lindsay Adair, Apache Junction, AZ B.S. (Arizona State University) Cum Laude

Mark Douglas Albright, Troy B.S.Pharm.Sci. Magna Cum Laude

Caleb James Balduff, Huron B.S. (Ohio University)

Chelsea Nicole Bargo, Columbus B.S. (Auburn University Main Campus) Magna Cum Laude

Shannon Elizabeth Bates, Corinth, MS B.S. (Mississippi State University)

Alex Thomas Beach, Zanesville B.S. (Ohio University)

Mastewal Getaneh Belay, Reynoldsburg M.D. (Addis Ababa University) Michael Jeffrey Boyd, Mentor B.S.Pharm.Sci. Summa Cum Laude

Eric S. Brassfield, Columbus B.S. (Brigham Young University) Cum Laude

Phillicia Jane Bryant, Batavia B.S. (Miami University)

Jacob Kane Buckingham, Willard B.S.Pharm.Sci.

Brigitte Capirci, Columbus B.S. (Ithaca College) Magna Cum Laude

Allison Paige Carr, Mason B.S. (College of Mount Saint Joseph) B.S.Pharm.Sci. Cum Laude

Kelsey M. Case, Cortland B.S. (John Carroll University)

Tyler Todd Clark, Columbus B.S. (University of Minnesota)

Erin Kennedy Coddington, Greenhills B.S. Magna Cum Laude

Auston Russell Collins, Cincinnati B.S.

Christopher James Corrigan, Columbus B.S.

Nicholas A. DeMoss, Columbus B.A. Magna Cum Laude

Amanda Gayle Despotovich, Columbus B.S. (Seton Hall University)

Vyishali Dharbhamalla, Powell B.A., B.S.Pharm.Sci.

Michael Anthony DiCesare, Westerville B.A. (University of Maryland) Cum Laude

Cameron James Draeger, Columbus B.S. (University of Wisconsin) Summa Cum Laude

Kristine Elizabeth Duly, Canton B.S.Pharm.Sci. Summa Cum Laude

Lindsay Morgan Ecclestone, Broadview Heights B.S.Pharm.Sci.

Enow Richard Echi, Dublin B.S. (University of Buea)

Nana Entsuah, Mason B.S. (University of Cincinnati)

Ebony Isis Evans, Columbus B.S. (Long Island University)

David James Fabich, Brunswick B.A.

Hali Anne Fechtmeyer, Columbus B.S. (University of Texas)

Cambree Jean Fillis, Columbus B.S.Pharm.Sci. Summa Cum Laude

Jourdan Nicole Gaffer, Dublin B.S.Pharm.Sci.

John Howard Gatiss IV, Westerville B.A. (Ohio Wesleyan University) M.S.

Cum Laude

Kahsay G. GebreYohannes, Reynoldsburg B.S., M.S. (Addis Ababa University) Ph.D. (Michigan State University)

Mackenzie Taylor Gill, Hilliard B.S.Pharm.Sci.

Andrew Raymond Goodall, Columbus B.S. Magna Cum Laude

Erin Marika Janine Gordon, Centerburg B.S. Maana Cum Laude

Jeremy Michael Gornto, Columbus B.S. (University of Central Florida)

Jonathan William Gullett, Columbus B.S. (Middle Tennessee State University) Magna Cum Laude

Patience Abena Gyamfi, Hilliard B.A. (Wellesley College)

Kasey Michele Hafer, Jackson B.S. (Ohio University) Magna Cum Laude

Anthony Catino Hall, Brook Park B.S.Pharm.Sci. Magna Cum Laude

Mohammad Khader Hamad, Columbus B.S. (Oakland University)

Dylan Joseph Hanna, North Ridgeville B.S.

Sterling Harpst, Grove City B.S. (Mount Vernon Nazarene University)

Ariel Hecke, New Albany B.A. (University of Kansas) Magna Cum Laude

Morgan Taylor Hilbert, Maumee B.S.Pharm.Sci.

Gregory Alan Holdren, Tecumseh, ON B.S. (University of Windsor)

Yunyue Huang, Changsha, China B.A. (University of Iowa) Magna Cum Laude Jonathan Taylor Huff, Minford B.S.Pharm.Sci. Summa Cum Laude

Logan Jay Hunter, Willshire B.S.Pharm.Sci. Magna Cum Laude

Madison Irwin, Upper Arlington B.S. (University of Dayton)

Sarah Christine Jackson, Hamilton B.A. (Miami University)

Kortney Donna Kelly, Palm Harbor, FL

Heuikon Kim, Columbus B.A. (Rutgers University) Cum Laude

Kayla Marie King, Zanesville B.S. (Ohio University)

Aaron M. Konkle, Sycamore B.S.Pharm.Sci.

Pavan Kullar, Beavercreek B.S.Pharm.Sci.

Victoria Jane Kuryluk, Columbus B.S. (University of Scranton)

Mindy Lai, Columbus B.S.Pharm.Sci.

Bryan Le, Columbus B.A.

Ha Neul Lee, Dublin B.S. Cum Laude

Rebekah Lee, Columbus B.S.Pharm.Sci.

Lauren Elizabeth Levi, Columbus B.S.Pharm.Sci.

Dan Li, Rochester, MN B.S. (Winona State University) Cum Laude

Weiyi Li, Dublin B.S. (University of Massachusetts Boston) M.S. Magna Cum Laude

Yuexing Li, Columbus B.S.Pharm.Sci.

Ying Cai Lin, Ontario B.S.Pharm.Sci.

Breanna Renee Loza, Columbus B.S.Pharm.Sci. Cum Laude

Tsu Yuan Lu, Sammamish, WA B.S. (University of Washington) Cum Laude Marjorie Marie Maloney, Columbus B.S.Pharm.Sci. Maana Cum Laude

Audrey Monique Mantanona, Columbus B.S. (Saint Martin's University)

Sarah Jessica Marr, Warren B.S. (Wright State University)

MiKayla Erin Matheny, Columbus B.S.Pharm.Sci.

Maria Patricia McMullen, Columbus B.S. (University of Notre Dame) Magna Cum Laude

Kelly Ann Merholz, Brunswick B.S.Pharm.Sci. Magna Cum Laude

Rebecca Danielle Miller, Marysville B.S. (Colorado Mesa University)

Kayla Rena Mohr, Marion B.S.Pharm.Sci.

Jacob Taylor Morris, Bellville B.A. (University of Akron)

Raymond William Moy, Columbus B.S.Pharm.Sci.

Faria Maisha Munir, Liberty Township B.S.Pharm.Sci.

Christopher James Myers, Columbus B.S.Pharm.Sci.

Aaron Harlan Natarus, Cincinnati B.S.Pharm.Sci. Summa Cum Laude

Benjamin Wesley Newell, Kettering B.S.Pharm.Sci. Cum Laude

Catherine Northcott, Columbus B.S. (University of Illinois)

Naruhisa Oda, Columbus B.S. (University of Texas)

Emmanuel Konadu Osei, Columbus B.S.Pharm.Sci. Maana Cum Laude

Paul Oluwatosin Oyefesobi, Columbus B.S. (Lehigh University)

Jessica Lynn Palmer, Ostrander B.S. (University of Dayton)

Ryan Michael Peterson, Toledo B.S. (University of Dayton) Cum Loude Crystal Pham, Columbus B.S. (University of California)

Jeffrey Pitts, Columbus B.S. (Northeastern University)

Anna Plonska, Upper Arlington B.A. (Miami University) Magna Cum Laude

Derek Guy Pohlmeyer, Northville, MI B.S. (Aquinas College)

Rebecca Lee Powell, Columbus B.S. (New Mexico State University) Magna Cum Laude

Brayson W. Ramirez, Mansfield B.S.Pharm.Sci.

Evan Francis Reidy, Columbus B.S. (University of Florida)

Robert Steven Richardson, Dublin B.A.

Alyssa Nicole Rinaldi, Highland Heights B.S.Pharm.Sci. Summa Cum Laude

Sean Brooks Roberts, Grove City B.S.Pharm.Sci.

Sarah E. Ross, Columbus B.S. (University of Vermont) Summa Cum Laude

Maria Claire Ruhrkraut, Broadview Heights B.S.Pharm.Sci.

Ryan M. Sampson, Columbiana B.S. (Youngstown State University)

Richa Minesh Shah, Richfield B.S., Master's (Youngstown State University)

Abeir Jebreel Shalash, Hilliard B.S.Pharm.Sci.

Alissa Lynn Shega, Brunswick B.S.Pharm.Sci. Magna Cum Laude

Kenna Raye Lloyd Shepherd, Toledo B.S. (University of Cincinnati) Summa Cum Laude

Akhilesh Sivakumar, Dublin B.S.Pharm.Sci. Summa Cum Laude

Emily Jordan Spencer, Columbus B.S. (Ohio Dominican University) *Cum Laude* 

Lindsey Marie Stalnaker, Loveland B.S.Pharm.Sci.

Ryan Michael Stefanich, Bowling Green B.S.Pharm.Sci. Magna Cum Laude

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Nikolas Andrew Stepanovsky, Pickerington B.S.Pharm.Sci.

Maximillian Hugh Stevenson, Dublin B.S.Pharm.Sci.

Tayton Joseph Strub, Columbus B.S. (University of California)

Robert Jed Swackhammer, Columbus B.S.Pharm.Sci.

Nicole Marie Thomas, Beavercreek B.S.Pharm.Sci.

Benjamin Michael Tylicki, Columbus B.S.Pharm.Sci.

Megan Elizabeth Utz, Columbus B.S.Pharm.Sci. Summa Cum Laude

Huyen Thi Van, Columbus B.S. (Michigan State University) *Cum Laude* 

TaLeitha Shanei Enice Varner, Akron B.S.Pharm.Sci.

Celynn Andrew Vaughn, Dublin B.S.Pharm.Sci.

Christopher Neal Verdi, Columbus B.S. (Cleveland State University) Cum Laude

Julianna Joan Wiedaman, Richmond B.A.

Amifred Olayemi Williams, Galloway B.S.Pharm.Sci.

Victoria Lynn Williams, Columbus B.S.Pharm.Sci. Maana Cum Laude

Jackie Wong, South Euclid B.S.Pharm.Sci. Cum Laude

Shelby Lynn Woodward, Cortland B.A. (Youngstown State University) Magna Cum Laude

Leslie Abby Wu, Columbus B.S.Pharm.Sci. Cum Laude

Christopher Taylor Yost, Upper Arlington B.S.Pharm.Sci.

Christopher T. Yung, Columbus B.S., M.S. (Rutgers University) Cum Laude

Elaine Yung, Cincinnati B.S.Pharm.Sci. Summa Cum Laude

Rachel Eden Ziemba, Columbus B.A. (University of Mount Union) *Cum Laude* 

Benjamin James Zyski, Fremont B.S.Pharm.Sci.

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#### Bachelor of Science in Pharmaceutical Sciences

Ifrah Adan Abdi, Pickerington Fahad Bilal Alazzawi, Hilliard Miriam Alghothani, Upper Arlington Maana Cum Laude with Honors in Pharmaceutical Sciences Nimo Abdi Alidhuux, Columbus Haylie Renee Behnke, Grove City Catherine Rose Berger, Xenia Cum Laude with Honors in Pharmaceutical Sciences Jessica Marie Blumberg, Loveland Taylor Marie Bormann, Canal Winchester Summa Cum Laude Nicholas Patrick Boyle, Cincinnati Kaitlyn Renee Brosnahan, Westerville Maana Cum Laude Madison Casey Campbell, Oregon Riley Kathlyn Carroll, Jim Thorpe, PA Summa Cum Laude Ashray Chawla, Westlake Danielle Chen, Columbus Suyeon Cho, Columbus Magna Cum Laude Megan Marie Choinacky, Columbus Clint Copacia, Columbus Austin David Cotsmire, North Canton Hibaaq Cabdirashid Cusmaan, Columbus Cum Laude Erica Christine Eisz, Lancaster Anthony Edward English, Columbus . Cum Laude with Honors in Pharmaceutical Sciences Shelby Noelle Farruggia, Penfield, NY Ricky Galvan, Hilliard Eric Scott Gunthorp, Columbus Lauren Leigh Haack, Canal Winchester Cum Laude with Honors in Pharmaceutical Sciences Natalie Hall Columbus Harrison He, Dublin Mei Ji He Ho Feng, Columbus Cum Laude with Honors in Pharmaceutical Sciences Aimee Ho, Niles . Maana Cum Laude with Distinction and Honors in Pharmaceutical Sciences Jeremy Zhuohan Hsin, Manhasset, NY Justin Jiang, Columbus Summa Cum Laude with Distinction and Honors in Pharmaceutical Sciences Sarah Margaret Jicomelli, McMurray, PA Ziwei Jin, Powell Evan Erik Kania, Maumee . Magna Cum Laude with Distinction in Pharmaceutical Sciences Cayla Michelle Kass, Branchburg, NJ Magna Cum Laude with Honors in Pharmaceutical Sciences Adam Jacob Katz, Solon Cum Laude Megan Elizabeth Kerth, Cincinnati Qasim Ali Khan, Dublin Yena Kim, Worthington Cum Laude

Kerry Rainier Kole, Homer Glen, IL

Kendall Kooser Columbus Cum Laude Jamie Hope Kraig, Aurora Hannah Grace Kunze, Hilliard Carolyn Louise Kusoski, Hinckley Cum Laude Anthony Li, Westlake with Distinction in Pharmaceutical Sciences Hannah Victoria Lopez, Copley Cum Laude Sophia Yi-Ting Luk, Columbus Magna Cum Laude with Distinction and Honors in Pharmaceutical Sciences Summer Sierra Lybarger, Westerville Caroline Joyce Mackrides, Newtown Square, PA Cum Laude Andrea Marie Malfara, Norwalk Cum Laude with Honors in Pharmaceutical Sciences Braeden Allen Mantonya, Bucyrus Magna Cum Laud Johnny Clifton McKeown III, Hilliard Magna Cum Laude with Honors in Pharmaceutical Sciences Samara Minoe Mendez Nunez, Columbus Maana Cum Laude Taylor Michelle Messinger, Sylvania Maana Cum Laude with Honors in Pharmaceutical Sciences Andrew Jay Michaelis, Bowling Green Maana Cum Laude Melissa Jo Mickley, Danville Alaina Ellen Misbrener, Cuyahoga Falls Magna Cum Laude Lujia Mo, Changsha, China with Distinction in Pharmaceutical Sciences Hannah Elizabeth Moore, Zanesville Cum Laude Riley Dalton Zale Mullins, Carroll Summa Cum Laude with Distinction in Pharmaceutical Sciences Augustin Munyemana, Reynoldsburg Reham Jawad Okab, Lexington Megan Elizabeth Pantaleano, Northfield Cum Laude Jacob Demetrious Panteloukas, West Lafayette Magna Cum Laude with Honors in Pharmaceutical Sciences Shamik M. Patel, Hilliard with Distinction in Pharmaceutical Sciences Brittany K. Picardi, Bartlett, IL Cum Laude Joshua Wesley Powell, Columbus Alexandra Michelle Rabil, Kitty Hawk, NC Cum Laude Claire Rennie, Springboro Cum Laude Katherine Rachel Repp, Tiffin Adrienne Leigh Ross, Strongsville Nazar Salman, Columbus Sumreet Sidhu, West Chester Matthew Howard Smith, Chula Vista, CA Zaria Camille Smith, Franklin Park, NJ Cum Laude Nicklaus John Sorensen, Plymouth, MN Nathan Alan Stadnik, Cincinnati Magna Cum Laude Jennifer Straube, Penfield, NY Heyang Sun, Columbus Maana Cum Laude Noelle Tennant, Fort Myers, FL

#### Abigail Elizabeth Thomas, Bolivar Maana Cum Laude with Honors in Pharmaceutical Sciences Julia Maria Thompson, Columbus Victoria Nicole VonSeggern, Bryan Brooke Emily Wade, Reynoldsburg Miaoyan Wang, Beijing, China Summa Cum Laude Leah Wilk, Cohoes, NY Summa Cum Laude Caitlin Darby Wolfe, St. Clairsville Magna Cum Laude Ka Wai Wong, Kowloon, Hong Kong Huinan Xia, Nanjing, China Maana Cum Laude Jeremy Min Xu, Concord, MA Austin Jacob Yosick, Bryan Maana Cum Laude

with Honors in Pharmaceutical Sciences

### John Glenn College of Public Affairs

#### Dean: Trevor L. Brown

#### **Bachelor of Arts**

Olivia Muguette Adkins, Germantown Magna Cum Laude Ayda Amare, Livingston, NJ Maana Cum Laude Halle Donion Armstrong, Cleveland Maana Cum Laude Turner Theodore Badowski, Solon Rina Raphaela Baumgartner, West Chester Brandon Christopher Boatner, Gary, IN John Glenn Brandl, Vernon Hills, IL Maana Cum Laude LaQuashia Brown, Columbus Jacob William Carruthers, Columbus Magna Cum Laude Rvan Clark, Worthington Zachary Trace Clark, St. Clairsville Caroline Christy Corona, Mason Maana Cum Laude Hannah Alysse Crosby, Meredith, NH Summa Cum Laude Charles Kirby Dearth, Columbus Emily Nicole Dodd, Dublin Cum Laude Colwyn Andrew Evans, Columbus Jordan Paul Feliciano, Lancaster Freweyni Ferede Gemerew, Reynoldsburg Stacy Leigh George, Massillon Summa Cum Laude with Honors in Public Affairs Tyler Jordan Giacalone, Naperville, IL Summa Cum Laude Anthony Granitsas, Louisville Gabriel Marcel Jackson, Columbus Jazzmond Armanni Jackson, Columbus Janelle Leigh Jordan, Seville Cum Laude Emma Clara Kagan, Cleveland Summa Cum Laude with Honors in Public Affairs Aaron Thomas Kelley, Akron Magna Cum Laude

Alvssa Nicole Kerr, San Antonio, TX Maana Cum Laude Marissa Dawn Koci, Galena Dustin Aaron Koslen, Solon Maana Cum Laude Alexandra Marie Kuenzli, Mansfield Summa Cum Laude Kenia Chanel Lander, Dayton Susanna Malacky, Warren Cum Laude Kristina Nicole Marshaus, Mentor Summa Cum Laude Thomas Glenn Miller, LaGrange Magna Cum Laude Madeline Sierra Lawler Morycz, Pittsburgh, PA Henry Jordan Moseley, Albany Summa Cum Laude Lauren Alexis Motley, Dayton David Edwin Myerholtz, Waterville Summa Cum Laude with Honors in Public Affairs Mark Alexander Lee Pemberton, Fairfax, VA Summa Cum Laude Sydney Jo Perales, Gibsonburg Katlyn Elizabeth Perani, Corning Adriana Valencia Ponce de Leon, Shaker Heights Magna Cum Laude Phoebe Anna Potiker, Shaker Heights Magna Cum Laude with Honors in Public Affairs Natalie Riusech, Cooper City, FL Alexandra Ryan, Spring Hill, TN Magna Cum Laude Hannah Nicole Sanders, Cincinnati Maana Cum Laude Andrew R. Schulman, Hudson Magna Cum Laude with Honors in Public Affairs Madison Dean Sheahan, Curtice Alex Edward Steitz, Columbus Sarah Lynn Stewart, Davton Summa Cum Laude Alison Louise Sukys, Euclid Magna Cum Laude Ernest Steven Sutton IV. Brooklyn, NY Maggie Mae Swallows, Galloway Samuel Kai Taglia, Columbus Averi Jayne Townsend, Kennett Square, PA Cum Laude Leia Washington, Las Vegas, NV Kyle Whitlatch, Shaker Heights Kathleen Elizabeth Whitmore, Rocky River Summa Cum Laude Frederick Thomas Young III, Powell

#### **Bachelor of Science**

Sophia Anderson, Fairport, NY Summa Cum Laude Matthew Louis Bango, Lakewood Cum Laude Colin Grant Edwards, Columbus Maana Cum Laude with Distinction in Public Affairs Laura Anne Hill, Worthington Kaitlyn Marie Holmecki, Bargersville, IN Cum Laude Natalie Sioux Hurst, Columbus Magna Cum Laude with Honors in Public Affairs Emily Lauren Reed, Euclid Connor Joseph Rigney, Milford Cum Laude with Honors in Public Affairs

Evan Charles Sergent, Vermilion Megan Eileen Simmons, Black Diamond, WA Cum Laude with Honors in Public Affairs with Distinction in Public Affairs Dylan Gregory Tuttle, Columbus Cum Laude

#### College of Public Health

Dean: William J. Martin II

#### **Bachelor of Science in Public Health**

Nahom Abayneh, Reynoldsburg Fatima Ali Abukar, Baghdad, Iraq Cum Laude Aminat Abolade Adewumi, Mason Magna Cum Laude Issa Kraim Ali, Westerville Jordan Leigh Amann, Findlay Kyle Benjamin Bader, Sylvania Summa Cum Laude with Honors in Public Health with Honors Research Distinction in Public Health Brynna Celeste Bargfield, Ames, IA Summa Cum Laude with Honors in Public Health Julia Rose Barone, Danbury, CT Maana Cum Laude Medine Nur Baspinar, Dublin Cum Laude Blaire Alisan Beavers, Worthington Magna Cum Laude Anne Elaine Bishop, Avon Lake Magna Cum Laude Breanna Bosley, Alliance Anna Sophia Burns, Pittsburgh, PA Summa Cum Laude with Honors in Public Health Justin Nathaniel Casto, Springfield Cum Laude Natalie Lynn Cizek, Chesterland Maana Cum Laud with Honors in Public Health Weston James Clarke, Columbus Cum Laude Ashley Clerger, Columbus Cum Laude Jessica Lee Cohen, Davton Magna Cum Laude Katlyn Marie Colvin, Cincinnati Allyson Cosner, Worthington Thalia Lyonesse Cronin IV, South Salem, NY Magna Cum Laude with Honors in Public Health with Honors Research Distinction in Public Health Ariana Grace Cucci, Strongsville Maana Cum Laud Karen Jayne David, Lyndhurst Cum Laude Elizabeth Jean Dorsey, Cincinnnati Magna Cum Laud Katherine Ellis, Svlvania Summa Cum Lau Isabelle Catherine Ely, Bellbrook Magna Cum Laude Julia Claire Engel, Wyoming Magna Cum Laud Marisa Frances Fiala, Kirtland Makala Louise Fioritto, Jefferson Cum Laude

Madeline Moore Frazer, Wellesley, MA Shelby Elizabeth Gaines, Cincinnati Summa Cum Laud Carra Lee Gilson, Delta Maana Cum Laude Olivia Anne Goldner, Buffalo Grove, IL Cum Laude Sarah Julaine Grim, Pickerington Samuel Lee Harrison, Columbus Sarah R. Hatcher, Batavia Alexander Hatke, Cincinnati Audrey Irene Helmrich, Terrace Park Samuel Chen Hickman, Worthington Summa Cum Laude Mindy Hoang, Tallmadge Magna Cum Laude Makoto Ibaraki, Dublin Magna Cum Laude with Honors in Public Health with Honors Research Distinction in Public Health Kerry Jamieson, Lakewood Cum Laude Julia Elizabeth Jashinski, Pittsburgh, PA Magna Cum Laude with Honors in Public Health Kavla Marie Kaminskie, Brook Park , Cum Laude Kenneth Karsen Kaple, New Washington Noa Mae Katz, Shaker Heights Magna Cum Laude Harliv Kaur, North Potomac, MD Caitlyn Rose Lincoln Kemnitzer, Princeton Junction, NJ Maana Cum Laude Ari Nadav Kravitz, Cincinnati Siyn Lee, Gujae, South Korea Sierra MacEachron, Rockford, IL Magna Cum Laude Mary Susan McGrath, Cincinnati Summa Cum Laude with Honors in Public Health Mansi Tushar Mehta, Cleveland Abele Mekonnen Meshesha, Columbus Lauren Margaret Miller, Wooster Cum Laude Vikranth Rao Mirle, Cincinnati Summa Cum Laude with Honors in Public Health Mohammed Moumen, Columbus Magna Cum Laude Maura Elizabeth O'Keeffe, Columbus Cum Laude Kaadar A. Omar, Columbus Malina Katherine Papanikolaou, Broadview Heights Cum Laude Avery Pasch, Galena Magna Cum Laude Sierra Julia Perry, Miami, FL Ellen Marie Peterson, Wilmington Summa Cum Laude Jacquelyn Mae Ravlin, Dayton Cum Laude Mary Ann Rust, Cincinnati Cum Laude Ajay Saraf, Mason Magna Cum Laude Vanessa C. Savage, Lexington, MA Cum Laude Molly Schmidt, Toledo Cum Laude Morgan Hunter Segall, Toledo Summa Cum Laude Erin Margaret Shafer, Durham, NC Summa Cum Laude with Honors in Public Health

Lindy Ilise Frankel Toledo

Victoria Allvn Shaker, Chagrin Falls Michael David Sklar, Strafford, PA Emma Rachel Stein, Dublin Cum Laude Addison Gabriel Stern, Dublin Cum Laude Miya Stewart, Middletown Magna Cum Laude Elvia Suli, Upper Arlington Summa Cum Laud Nautica Marie Vance, Cleveland Ronald Jacob Vicini, Madison Franklin Wang, Columbia, SC Maana Cum Laude Emily Weinberg, Minnetonka, MN Cum Laude Marion White, Pittsburgh, PA Magna Cum Laude with Honors in Public Health Clay Braden Wiercinski, Springboro Hope Elizabeth Wilson, Cincinnati Cum Laude Ray'Chel Angel Wilson, Toledo Cum Laude

#### College of Social Work

#### Dean: Thomas K. Gregoire

#### **Bachelor of Science in Social Work**

Fadumo Guled Adam, Hilliard Jerad Anthony Adams, Bellefontaine Khadra Ahmed, Westerville Magna Cum Laude Hibbo Yusuf Ali II, Seattle, WA Pretty Jahtejiri Amagbakhen, Columbus Ashleigh Elizabeth Anderson, Mansfield Maana Cum Laude Katherine Colleen Andraschko, Barrington, IL Magna Cum Laude Taylor Mackenzie Antle, Gahanna Cum Laude Lena Rose Aprile, Lakewood Katherine Montgomery Arnold, Cincinnati Summa Cum Laud Josev Ann Bailev. Oak Hill Cum Laude Jennifer Marie Baldwin, Mansfield Michael T Ball Westerville Maana Cum Laud Madeline Leslie Beal, Worthington Magna Cum Laude Kayleigh Monet Benson, Columbus Cum Laud Ashley Marie Bierman, Cleveland Summa Cum Laud Amanda Christine Boeing, Buffalo, NY Maana Cum Laude Sara Boise, Bowling Green Magna Cum Laude Chloe Eve Bond, Hebron Scott A. Boyd, Columbus Cum Laud Adalina Dawn Brandon, Galloway Cum Laude Samantha R. Brooks, Lima Sheryann Buchanan, Columbus Melanie Dawn Buff, Findlay Cum Laude Theresa Eileen Caldwell, Wooster

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Stephanie Capretta, Powell Cum Laude Samantha Leigh Carter, Cleveland Katie Leigh Chandler, Irwin Cum Laude Elijah Isaiah Chapman, Columbus Afia Chrappah, Columbus Cum Laude Christina Juliet Clark, Delaware Maana Cum Laude Julianne Elizabeth Clark, Pickerington Wyatt Gregory Clemens, Ontario Magna Cum Laude Mariah Jo Cline, Newark Summa Cum Laude Kylie Cogswell, Byesville Lauren A. Coleman, Columbus Erica Lee Copley, Pataskala Brooke Nicole Costanza, Strongsville Samantha Lee Courson, Wooster Mary Kathleen Patrizia Crimmel, Powell Cum Laude Alexis Marie Critchley, Enon Andrew James Crowl, Bellville Cum Laude Athen LaRae Cutlip, Sidney Emily Elizabeth Daugherty, Warren Summa Cum Laude with Honors Research Distinction in Social Work Bradlev Wade Davis, Lima Kirsten Jane Davis, Lima Morgan Christine Davis, Akron Jessica Taylor Deel, Springfield Natalie Joy Dentinger, Bloomville Maana Cum Laude Anthony Jack DeWitt, Delphos Ana Angelita Dimas, Mansfield Mary E. Dow, Pataskala Maana Cum Laude Jeyun Kenth Drake, Richwood Magna Cum Laude Lori Larson Draper, New Knoxville Leigh Victoria Dunkley, London Emelee Bryanne Earick, Zanesfield Taylor Dawn Edwards, Mount Gilead Olivia Nicole Ellis, Hebron Magna Cum Laude Valerie Kay Engwall, Marion Jackson Richard Fay, Columbus Logan Kay Foley, Lima Maana Cum Laude Madeline Kaye Frechette, Powell Cum Laude Alimamy Dumbuya Freeman, Columbus Destiny Diane French, Solon Magna Cum Laude Emmalea Johanna Fuchs, Pataskala Magna Cum Laude Christina Gabriel, Youngstown Maana Cum Laude Kenneth Ganter, Jr., Paulding Josephine Garlow, Porterville, California Amanda Nicole Garrett, New Washington Magna Cum Laude Mackenzie Lane Garverick, Bucyrus Maana Cum Laude Madison Taylor Garverick, Bucyrus Magna Cum Laude Matthew Cherian George, Buffalo, NY Maana Cum Laude Sada Whitney Gieger-King, Columbus

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Natalie Rose Gillespie, Columbus Magna Cum Laude with Honors Research Distinction in Social Work Duane Thomas Gray, Sandusky Lacey Gray, Groveport Cum Laude Raven Sharnice Green, Akron Cum Laude Cardez Lawrence Gregory, Toledo Maana Cum Laude Madison Paige Handley, Tipp City Cum Laude Tamera Renee Harris, Cleveland Colleen Marie Havens, Granville Summa Cum Laude Connor Lee Haverfield, Mansfield Madalyn Marie Herman, Ottoville Mbalenhle Hlongwane, Lima Beyla Sabri Hood, Youngstown Marcus Domonic Hopkins, Delaware Summa Cum Laude Jordan Darion Hunter, Germantown Bailee Huston, Mansfield Devin Marie Jackson, Columbus Maana Cum Laude Malena Nicole Jester, Glenford Autumn Raye Johnson, Toledo Breanna Marie Johnson, Newark Adrian Jones, Sr., Columbus Magna Cum Laud Katherine Mary Jones, Louisville, KY Summa Cum Laude Hannah Elizabeth Kelley, Wadsworth Jessica Kesling, Dayton Casey Jude Kindl, Dublin Ashley McGraw Kinnel, Reynoldsburg Magna Cum Laude Samantha Kramer, Delphos Maana Cum Laude Jamie Lynn Kudrin, Galion Darlene Lynn Kurth, Mount Vernon Kristin M. Kurtz, Perrysville Theresa Michelle Lanier, Ashville Florence Lansana, Westerville Mara Renae Law, Beavercreek Magna Cum Laude with Honors Research Distinction in Social Work Emily Marie Lawrence New Philadelphia Danielle Allison Lawwell, Granville Patricia Ann Lawwell-Werner, Granville Summa Cum Laud Nathan Paul Leavengood, West Lafayette Rashan A. Legard, Lorain Maana Cum Laude Sarah Irene Leonard, Westerville Summa Cum Laude with Honors Research Distinction in Social Work Mychael Elizabeth Lewie, Columbus Maana Cum Laude with Research Distinction in Social Work Aubry Marie Lindauer McDonald Yomarlin Lizardo, Columbus William Douglas Long, Winchester, VA Cassandra Lynn Lucy, Delaware Maana Cum Laude Sarah Rae Mackesy, Lima Magna Cum Laude Elizabeth Judith Magana, North Royalton Cum Laude Pauleina Maria May, Nevada Katherine Anne McCluskey, Columbus

Charielle Rayon McDade, Mentor Maana Cum Laude with Honors Research Distinction in Social Work Connie Sue McDaniel, Pataskala Summa Cum Laude Heather Lynn McElwain, Columbus Maana Cum Laude Karlynn C. McMillin, Marion Maana Cum Laude Clorissa Mendez-Lance, Columbus Katherine Metzker Westerville Cum Laude Michael Aaron Mevers, Gearing, Nebraska Cum Laude Megan Victoria Mikus, Irvine, CA Samantha Ann Miller, Tiffin Alexus Elizabeth Miller-Schmenk, Toledo Cum Laude Lauren Ellyson Mogielnicki, Marysville Chloe Brianne Montgomery, Mansfield Summa Cum Laude Ashley Michelle Moriarty, Thornville Alysia LaShea Morris, Ashland Magna Cum Laude Morgan Brittny Morton, Elida Patricia A. Neel, Richwood Maana Cum Laude Joseph Robert Neelon, Cleveland Abigail Roese Nicholson, Circleville Cum Laude Tiffany Brianne Noble, Columbus Cum Laude Kimberly House Novak, Apple Valley Chelsea Brooke O'Connor, Findlay Kevin Carl Ochs, Lima Cum Laude Kristin Nicole Oliphant, Pickerington Cum Laude Thomas Anthony Papotto, North Olmsted Alexandra M. Perez De la Rosa, Fairfield Township Chelsea Gabrielle Phelps, Cardington Taylor Phipps, Toledo Madison Micheala Piccinich, Upper Arlington Magna Cum Laude Alana Pitts, West Jefferson Brian Joseph Pohlman, Delphos Summa Cum Laude Hannah Lorine Putman, Wilmington Sarah Rebecca Retchin, Richmond, VA Summa Cum Laude Gretchen Nicole Revnoso, Sanford, NC Kayla Patricia Ribar, Hilliard Sarah Nicole Richards, Westerville Cum Laude Briana Angelic Rivera, Lorain Shantelle Dominique Rogers, Columbus Magna Cum Laude Haley Lynn Schooler, Cincinnati Summa Cum Laude Ryan Seybold, Pittsburgh, PA Maysa Fayez Shalash, Reynoldsburg Danielle Drew Skillman, Dublin MacKenzie Rose Smart, Westerville Christopher Allen Smith, Versailles Maana Cum Laude Sherri Lynn Smith, Pickerington Chelsea Snook, Columbus Eric David Snook, Marysville Elizabeth Anne Spellman, Newark Hunter Danielle Spittler, Twinsburg Malini Srikrishna, Bengaluru, India

Maqna Cum Laude

Jesse Foster Stroud, Columbus Summa Cum Laud Hollie Lynn Swain, Marion Amara Lynn Sydnor, Cincinnati Magna Cum Laude with Honors Research Distinction in Social Work Allison Rose Syrowski, Amherst Magna Cum Laude Dominique Ndou Tarr, Columbus Kelsey Nicole Thelen, Copley Mary Elizabeth Tillman, Oakmont, PA Erin Raphael Toledo, Columbus Magna Cum Laude Sarina Tran, Westerville Stephanie Rochelle Trautman, Niles . Maqna Cum Laude Emelia Louise Veech, Clarksville, IN Hannah Elizabeth Ware, Columbus Summa Cum Laude Caitlin Elaine Warnick, Alexandria Taylor Jordan Watts Blacklick Jordan Alicia Wells, Victorville, CA Magna Cum Laude Jordan Lee Whealdon, Wilmington Maana Cum Laude with Honors Research Distinction in Social Work Ashley Oluwadamilola White, Westerville Megan Amanda Wilmer-Fierro, Worthington Taylor Madisen Wright, Glenford LaTisha Shante Wynn, Charleston, WV Magna Cum Laude

### College of Veterinary Medicine

Shelby Leigh Youtz, Pickerington

#### Dean: Rustin M. Moore

#### **Doctor of Veterinary Medicine**

Courtney Elizabeth Adams, Dublin B.S. (Ohio University)

Maria Anne Albino, Cincinnati B.S.Agr.

Hayley Kathryn Amerman, Lebanon, PA B.S. (Pennsylvania State University)

Charles Edward Bancroft, Canfield B.A. (Malone University)

Emily Rae Bégin, Merrick, NY B.S. (Quinnipiac University)

Emily Michelle Benedict, Dayton B.S. (Centre College)

Samantha Kay Borsos, Cadiz B.S. (Indiana University of Pennsylvania)

Emma Catherine Bratton, Baltimore, MD B.S. (Brown University)

Samantha Lynn Brobst, Hinckley B.S. (University of Cincinnati)

Natalie Nicole Brock, Swanton B.S. (The University of Findlay)

Micah Joy Broughton, Shelbyville, KY B.S. (Bellarmine University)

Albert Joseph Brown, Edon B.S.Nutrition

Jillian Brown, Columbus B.S. (Alderson Broaddus College)

Michelle Renee Brumm, Groveport B.S. (Wittenberg University)

Mollie Burwinkel, Hamilton B.S. (The University of Findlay)

Felinah Franz Buslig, Jersey City, NJ B.S. (The University of the Sciences)

Danielle K. Capelli, West Chester B.S. (Otterbein University)

Timothy D. Cappel, Cincinnati B.S.

Kaitlyn L. Cashin, North Olmsted B.S. (Purdue University)

Daniele Tara Casper, Utica, NY B.S. (Utica College)

Rachel Catherine Chase, Warren, ME B.S. (University of Maine)

Brandon Joseph Colby, Houston B.S.Agr.

Meghan Regina Compton, Jamison, PA B.S. (Delaware Valley University)

Katelin Lara Davis, North Lima B.S. (Walsh University)

Samantha Davis, Westfield, NJ B.A. (The College of New Jersey)

Stephanie Dennis, Los Angeles, CA B.A. (University of California)

Emily Ribak Dirr, Montgomery B.S. (Kent State University) M.S. (Wright State University)

Katherine Elyce Dowling, Cleves B.S.Agr.

Samantha Louise Eichelberger, Allentown, PA B.S. (Indiana University of Pennsylvania)

Alexandra Emerman, Cleveland Heights B.A.

Caitlin Elizabeth Ervine, Mifflinburg, PA B.S. (Pennsylvania State University)

Dakota James Esterline, Pioneer B.S. (The University of Findlay)

Meredith Marie Evans, West Lafayette B.S. (The University of Findlay)

Bryan Eyerly, Mansfield B.S. (The University of Findlay)

Renee Michelle Fisher, Phoenix, AZ B.S. (University of Arizona)

Lauren Gabrielle Fockler, Windber, PA B.A. (Saint Vincent College)

Zachary Foord, Johnstown B.S.Agr. Taylor Ford, Fort Thomas, KY B.S. (Morehead State University)

Kirk Forte, Columbus B.S.Arch.

Shanah Erica Frankel, Las Vegas, NV B.S.Agr.

Julia Wenni Gao, Rockville, MD

Jillian Garrison, Lafayette, CO B.S. (University of Wyoming)

Elise Kay Gastier, Milan

Stephanie Michelle Gauta, Egg Harbor Township, NJ

Nicole Frances Gosselin, Boston, MA B.A. (Boston University)

Jessica Marilyn Gulvin, Geneva, NY B.A. (Wells College)

Rashi Gupta, Porter Ranch, CA B.S. (University of California)

Caylie Marie Hake, Greensburg, PA B.S. (Pennsylvania State University)

Sarah Ellen Hettinger, Chillicothe B.S. (Wilmington College)

Nicole Louise Hird, Cincinnati B.S.Food.Aq.Bio.Eng.

Molly Rachel Holt, London B.A. (Capital University)

Paul Solomon Honigford, Sugarcreek B.S. (Ashland University)

Allison Ann James, Marion B.S. (The University of Findlay)

Randi Elizabeth Johnson, Youngstown B.S. (Youngstown State University)

Balbine Cécile Jourdan, Washington, DC B.S.

Catherine Jula, Blacklick B.S. (West Virginia University)

Natalia Nicole Jurcak, Bethlehem, PA B.S.Agr.

Hillary Paige Kelly, South Vienna B.S.Agr.

Shannon Ann Kenny, Pittstown, NJ B.A. (Colby College)

Eba Kim, Torrance, CA B.A. (University of California)

Kristin J. Kluever, Lagrange B.S. (Bowling Green State University)

Caroline Michelle Kramer, Great Neck, NY B.S. (Cornell University)

Madeleine Eleana Kuieck, Fremont B.S. (The University of Findlay)

Kathleen Rose Kuperman, Sarasota, FL B.S. (Tufts University) Simone Lalvani, Dallas, TX B.S. (University of Georgia)

Jamie Lane, Moorpark, CA B.A. (San Diego State University)

Danielle Marie Lang, Zionsville, IN B.A., B.S. (University of Florida)

Gregory Tom Langdon, Milford B.S.Agr., M.Pub.Hlth.

Sayed Malek Max Latifi, San Diego, CA B.S. (University of California)

Jacquelin Nicole Lee, Woodstock, CT B.S. (University of Connecticut)

Jessica Eden Lovich, East Brunswick, NJ B.S. (Rutgers University)

Briana Jean Lundquist, Cincinnati B.S.

Alison Rhoades Martin, Westerville B.S.Agr.

Veronica Elise Martin, Shelton, WA B.S. (Saint Martin's University)

Michelle Martinek, Dayton B.S. (University of Miami)

Adriana Martinez-Peña, Brownsville, TX Bachelor's (Texas A&M University)

Michael Robert James McAndrew, Canton B.S. (The University of Findlay)

Abbey Lynn McCune, Hudson B.S.Agr.

Stephanie Michelle McLeod, Trenton, MI B.S. (Michigan State University)

Teresa Anne Mills, Fairview Park B.S., M.Pub.Hlth.

Ariel Lynn Minardi, Kirtland B.S. (Coastal Carolina University)

Melanie Areta Mironovich, Parma B.S. (University of Notre Dame)

Madeleine Jisun Moffatt, Wellington B.S.Agr.

Morgan Reed Moyer, Lebanon, PA B.S. (Pennsylvania State University)

Alexys Lane Newman, Fairfield

Jamie Michelle Nickels, Cincinnati B.S.

Kimberly Mary Oakland, Hartville B.S. (Colorado State University)

Lacy Morgan Palomino, Kapalua, HI B.Bus.Adm. (University of San Diego)

Maria Lauren Papaioannou, Staten Island, NY B.S. (Wagner College)

Sarah Marie Paradiso, North Haledon, NJ B.S. (Delaware Valley College of Science and Agriculture)

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Pauline Po Lum Pau, San Gabriel, CA B.S. (University of California)

Candace Pieczynski, Lackawanna, NY B.S. (Medaille College)

Erin F. Pinnell, Bellbrook B.S. (Georgetown College)

Lauren Therese Porter, Dayton B.S. (Miami University)

Kelly Quesinberry, Huntingtown, MD B.S. (Virginia Polytechnic Institute and State University)

Trevor Andrew Reamsnyder, West Unity B.S. (University of Toledo)

Anna Allyn Reuter, Argyle, TX B.S. (Texas A&M University)

Melanie Grace Richards, Ashtabula B.S. (Lake Erie College)

Cristin Leigh Rieskamp, Louisville, KY B.S. (Centre College)

Ryan Matthew Ritchie, Craigsville, WV B.S.Agr.

Rebecca Marie Roberts, Centerburg B.S. (Wilmington College)

Joseph Rogers, Dublin, NH B.A. (Alfred University)

Madeline Amy Rohl, Glen Ellyn, IL B.S. (Otterbein University)

Ashley Marie Romano, Pittsburgh, PA B.S. (Saint Mary's College)

Lucy Amelia Rose, Toledo B.S. (University of Findlay)

Katherine Ann Rosenbaum, Johnstown, PA B.S. (University of Pittsburgh)

Timothy Donald Roshetko II, North Olmsted B.S.Agr.

Logan Michael Scheuermann, Springboro B.S.

Sarah Schroeder, Belvidere, IL B.S. (Western Illinois University)

Mary Scott, Marysville B.A. (Ohio Wesleyan University) Alyssa Nicole Segal, Gainesville, FL

Olivia Jean Shadduck, Vestal, NY

Victoria Shenigo-Rudy, Columbus

Amanda Lisa Signorino, Buffalo, NY

Amelia Sikora, Uniontown, PA

B.S. (The University of Findlay)

Casev Michele Simon, Poland

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B.S. (Delaware Valley University)

B.A. (Cornell University)

B.S. (Canisius College)

B.S.Agr.

Dana Elizabeth Sorter, Loveland B.S.Agr.

Stephanie Michelle Sosa-Arzate, La Puente, CA B.S. (California State Polytechnic University)

Emily Nicole Spadaro, Hilltown, PA B.S. (Pennsylvania State University)

Jordan Spera, Newtown, PA B.S. (Pennsylvania State University)

Chelsea Staab, Westerville B.A. (Drury University)

Megan Rae Steinhauer, Piketon B.S. (Shawnee State University)

Olivia Anne Stephenson, Cincinnati B.S.Agr.

lan Stewart-Bates, Chagrin Falls B.A. (Kenyon College)

Avery Elizabeth Strait, Bridgeton, NJ B.S. (Clemson University) M.Pub.Hlth.

Meghan Jean Studds, Butler, PA B.S. (Saint Francis University)

Hillary Rose Sullivan, Buffalo, NY B.S. (Mercyhurst University)

Mychal Cody Taubken, Sidney B.S. (The University of Findlay)

Sarah Christine Tegtmeier, West Salem B.S. (The University of Findlay)

Amy Elizabeth Trabold, Columbus B.S.Agr.

Deanna Marie Trearchis, Hudson, NH B.S. (Pennsylvania State University)

Catherine Irene Uhle, Cranford, NJ B.S. (Fairleigh Dickinson University) M.S. (University of Medicine and Dentistry of New Jersey)

Rita Uhle, Cranford, NJ B.S. (Fairleigh Dickinson University)

Kaylin Brianne Van Horn, Columbus

Rachel Jeanne Van Zile, Cincinnati B.S. (University of South Carolina)

Paola Vazquez, Bayamon, Puerto Rico B.S. (University of Puerto Rico)

Natalie Marie Vazquez Rosa, Aguadilla, Puerto Rico Bachelor's (University of Puerto Rico)

Stephanie Marie Vijan, Johnstown B.S.Agr.

Emily Christine Vincent, Cincinnati B.A. (DePauw University)

Mary McKeever Walker, Cleveland B.A. (University of Notre Dame)

Carter Cornell Wallinger, Westerville B.S.Agr. 104 Christine Francelle Walters, Pembroke Pines, FL B.S. (University of Florida)

Philip Nicholas Walters, London B.S.Elec.Eng. (Ohio Northern University)

Holly Webb, Oak Park, CA B.S. (California Lutheran University)

Melissa Ann Werner, Prospect, CT B.S. (Simmons College)

Taylor Wickware, Geneva, IL B.S. (Miami University)

Kelsey Leigh Spaulding Willis, McKinleyville, CA B.S. (University of Idaho)

Courtney Marie Wright, Flushing, MI B.S. (The University of Michigan)

Xinmei Yao, Jinan, Shandong B S

Kira Yoshimura, Santa Monica, CA B.S. (University of California)

Kathrine Ann Yunker, Longmont, CO B.S. (Colorado State University)

Catherine Anne Zellmer, Columbus B.S. (Auburn University)

Anna Zhou, Alhambra, CA B.S. (University of California)

### Transition Options in Postsecondary Settings Program

#### **Certificate of Completion**

Alan August Bernauer, Dallas, TX Paul Jung-Soo Kim, Columbus Isaac Patrick Bachelor, Hilliard Ben H. Walter, Granville Kate Elizabeth Wallace, New Albany Rachelle Garcon, Brooklyn, NY Zach C. Carioti, New Albany

Candidates to be Commissioned in the Armed Forces

#### United States Army

Second Lieutenant United States Army

Adjutant General Megan Anne Hutchison

Armor Branch \*Connor Andrew Flanagan

Aviation Austin McBride "denotes Distinguished Military Graduate \*\*denotes Distinguished Air Force Graduate Field Artillery Timothy R. Burnham Taylor T. Kirkpatrick Aidan K. Reinke

**Infantry** \*Benjamin Rein Samantha G. J. Stine

Nurse Corps \*Samantha Good Ana M. Potter

Ordnance Victor E. Littleton

Quartermaster Corps Katlynn Hennessey

Second Lieutenant United States Army National Guard

Aviation \*Megan G. Smith

Education Delay Allison P. Watkins

Military Intelligence \*Daniel S. Pollock

Transportation McKensie R. Logan

Signal Corps Bryson A. Hurd

### **United State Air Force**

#### Second Lieutenant United States Air Force

Christopher J. Daulton Jordan P. Feliciano Samuel L. Good Kyle C. Grosselin Charles J. Keller Casandra Kelly Kaitlin L. Keltos Jessica N. Kesling Aaron M. King Madison A. King Gregory A. Penland Pacia P. Rinthara "Alec J. Stewart Johnathan M. Whitesell

### **United State Navy**

Ensign United States Navy

Zachary A. Messina Alexander R. Nykaza Liam R. OíGrady Bradley A. Siekmann Vincent M. Zehentbauer

Second Lieutenant United States Marine Corps

Dylan J. Beaulieu Natalie N. DeLeon Peter G. Fremin Patrick L. Gulling Andrew J. Hunold Sean C. Hurd Nathan L. Simmers

#### **Graduates with Honors**

Criteria for graduating with honors are listed below. Grade-point averages (GPA) are based on the student's penultimate semester.

Summa Cum Laude designates those who earned a 3.9 GPA or better.

Magna Cum Laude designates those who earned a 3.7 GPA or better.

Cum Laude designates those who earned a 3.5 GPA or better.

With Honors in the Arts and Sciences requires successful completion of the Arts and Sciences Honors Contract and graduation with a 3.4 GPA or better.

With Honors in Business/Accounting requires successful completion of a prescribed honors program of study and graduation with a 3.5 GPA or better.

With Honors in Education and Human Ecology requires successful completion of an honors experience contract and graduation with a 3.4 GPA or better.

With Honors in Engineering requires successful completion of an honors experience contract and graduation with a 3.4 GPA or better.

With Honors in Food, Agricultural, and Environmental Sciences requires successful completion of an honors experience contract and graduation with a 3.4 GPA or better.

With Honors in Medicine denotes successful fulfillment of the College of Medicine Honors Program tenets and a 3.4 cumulative GPA or better.

With Honors in Public Affairs requires successful completion of an honors experience contract and graduation with a 3.4 GPA or better.

With Honors in Public Health requires successful completion of a presribed honors program of study and graduation with a 3.5 GPA or better.

With Distinction requires successful completion of an undergraduate thesis and a 3.4 GPA or better.

# $\underset{\text{Spring Semester Commencement - 2019}}{\text{Summary of Degrees and Certificates}}$

| Spring Semester Commencement —<br>College                        | Degree/Certificate   | Degree/Cert.<br>Total                                     | Spring Semester<br>2019<br>College Total | Fiscal Year<br>2018-2019<br>Total |
|--|--|---|--|-----------------------------------|
| Graduate School  | DMA  | 9   | -  |                                   |
|  | Ph.D.<br>Au.D.<br>Ed.D.  | 285   | 294                                      | 746                               |
|  | Ed.D.<br>D.N.P.  | 6<br>24<br>45   |  | Doctoral                          |
|  | D.N.P.<br>O.T.D.<br>D.P.T.   | 50  |  |                                   |
|  | Ed.S.<br>M Anim Sci  | 7   |  |                                   |
|  | M.Study.Law<br>M.Acc.<br>M.Acc.Q.R.Mgt.<br>M.A.C.P.R.  | 1   |  |                                   |
|  | M.Acc.<br>M.Ac.Q.R.Mgt.  | 69<br>4<br>13   |  |                                   |
|  | M.A.C.P.R.<br>M Appl Econ  | 13<br>12  |  |                                   |
|  | M.Appl.Econ.<br>M.Appl.Stat.<br>M.Arch.  | 12<br>15<br>23<br>211<br>191                              | 134                                      | 140<br>Professiona                |
|  | M.A.<br>M.A.<br>M.B.A.   | 211   |  | PIOlessiona                       |
|  | M Bus Log Eng  | 1   |  |                                   |
|  | M.C.R.P.<br>M Dent Hvg   | 26<br>4   |  |                                   |
|  | M.Ed.<br>M.E.N.R.  | 90<br>1   |  |                                   |
|  | M.F.A.<br>M.Glb.Eng.Ldr.   | 37  | 1905                                     | 2729                              |
|  |  | 28  |  | Masters                           |
|  | M.Hum.Res.Mgt.<br>M.Land.Arch.   | 36<br>17  |  |                                   |
|  | M.Learn.Tech.<br>M.Math.Sci.   | 3   |  |                                   |
|  | M.Mus.   | 9   | 41                                       | 41                                |
|  | M.Mus.<br>M.P.H.M.<br>M.P.A.   | 3<br>40   |  | Certificates                      |
|  | M.Public Hlth.   | 53  |  |                                   |
|  | M.S.W.   | 294   |  |                                   |
|  | M.P.A.<br>M.Public Hith.<br>M.S.<br>M.S.W.<br>M.Sprt.Coach<br>Spec.M.Bus.  | 58  |  |                                   |
|  | Cert.Analytics<br>Cert.Nurs.Ed.  | 37<br>328<br>317<br>593<br>403<br>6394<br>118<br>31<br>10 | 2374                                     | 3656                              |
| Arts and Sciences, College of                                    | B.A.<br>B.A.Jour.  | 1610  | 2071                                     | 0000                              |
|  | B.A.Jour.<br>B.Art Ed  | 37  |  |                                   |
|  | B.Art Ed.<br>B.F.A.  | 14<br>45<br>9<br>16                                       |  |                                   |
|  | B.Mus.<br>B.Mus.Ed.  | 16  |  |                                   |
|  | B.S.Design<br>B.S.Atmos.Sci.   | 46<br>10  |  |                                   |
|  | B.S.Geog.Info.Sci.<br>B.S.   | 34<br>1235<br>480   |  |                                   |
|  | A.A.   |   | 3536                                     | 5364                              |
| Business, Fisher College of                                      | B.S.Bus.Adm.   | 1568  | 1568                                     | 2119                              |
| Dentistry  | D.D.S.<br>B.S.   | 103<br>4  |  |                                   |
|  | B S Dent Hva   | 30  | 137                                      | 143                               |
| Education and Human Ecology                                      | B.S.H.P.N.E.S.<br>B.S.H.D.F.S.<br>B.S.Human Ec.<br>B.S.Hsptly.Mgt.<br>B.S.Nutrition  | 20<br>104<br>112<br>35<br>68                              |  |                                   |
|  | B.S.Human Ec.  | 112   |  |                                   |
|  | B.S.Nutrition  | 68  |  |                                   |
| ngineering   | B.S.Ed.<br>B.S.A.A.E.  | 442   | 781                                      | 1103                              |
| Engineering  | B.S.Arch.  | 70<br>66<br>60  |  |                                   |
|  | B.S.Arch.<br>B.S.Aviation<br>B.S.Biomed.E.   | 60  |  |                                   |
|  | BS.Biomed.E.<br>BS.C.R.P.<br>BS.C.R.P.<br>BS.C.S.E.<br>BS.E.C.E.<br>BS.E.P.<br>BS.E.P.<br>BS.E.N.E.B.<br>BS.F.S.E.<br>BS.F.S.E.<br>BS.F.S.E.<br>BS.F.S.E.<br>BS.F.S.E. | 159<br>14   |  |                                   |
|  | B.S.C.E.   | 109<br>202  |  |                                   |
|  | B.S.E.C.E.   | 187   |  |                                   |
|  | B.S.E.P.<br>B.S.Env.Eng.   | 187<br>14<br>17<br>83<br>78<br>27<br>25                   |  |                                   |
|  | B.S.F.A.B.E.   | 83<br>78  |  |                                   |
|  | B.S.Land.Arch.<br>B.S.Mat.Sc.Eng.  | 27  |  |                                   |
|  | B.S.M.E.   | 131   |  |                                   |
|  | BSWE   | 23  | 1271                                     | 1839                              |
| ood, Agricultural, and<br>Environmental Sciences                 | B.S.Agr.<br>B.S.C.S.M.   | 240<br>44   |  |                                   |
|  | B.S.Agr.<br>B.S.C.S.M.<br>B.S.Food Sc.<br>B.S.Nutrition<br>B.S.E.N.R.<br>Delice Cent   | 44<br>20<br>2   |  |                                   |
| Invironment and  | B.S.E.N.R.   | 118   |  |                                   |
| Natural Resources, School of<br>Agricultural Technical Institute | A.A.S.   | 2<br>41   |  |                                   |
| -  | A.Science<br>Cert.Hyd.Serv.Repair  | 107<br>2  | 576                                      | 835                               |
| aw, Michael E. Moritz College of                                 | J.D.<br>LL.M.  | 165<br>19   |  |                                   |
|  | LL.M.  |   | 184                                      | 191                               |
| Medicine<br>Health and Rehabilitation                            | M.D.<br>B.S.Biomed.Sc.<br>B.S.Athl.Trng.<br>B.S.Hlth.Rehab.Sci.  | 169<br>22   |  |                                   |
| Sciences, School of  | B.S.Athl.Trng.<br>B.S.Hlth.Rehab.Sci.  | 22<br>26<br>352   |  |                                   |
|  | Cert.Med.lech.   | 4   | 573                                      | 654                               |
| lursing  | B.S.H.W.I.H.<br>B.S.Nurs.  | 202   | 207                                      | 264                               |
| Optometry  | 0.D.   | 65  | 65                                       | 67                                |
| Pharmacy   | Pharm.D.   | 134   |  |                                   |
|  | B.S.Pharm.Sci.   | 91  | 225                                      | 245                               |
| Public Affairs, Glenn College of                                 | B.A.<br>B.S.   | 59<br>11  | 70                                       | 98                                |
| Public Health  | B.S.P.H.   | 85  | 85                                       | 108                               |
| ocial Work   | B.S.Soc.Work   | 191   | 191                                      | 217                               |
| /eterinary Medicine<br>Total Degrees and Certificates            | D.V.M.   | 153<br><b>12,017</b>                                      | 153                                      | 154                               |
|  |  |   | 12,017                                   | 17,076                            |

Total Degrees this Semester Total Degrees since 1878 Total Degrees during Last Decade

(not including certificates) (not including certificates) (not including certificates)

11,968 779,813 153,518

# THE ACADEMIC COSTUME

The colorful ceremonies of The Ohio State University commencements derive from practices originating in the Middle Ages. When European universities were taking form in the 12th and 13th centuries, the scholars were usually clerics, and consequently they adopted costumes similar to those of their monastic orders. Cold halls and drafty buildings called for caps and floor-length capes with attached hoods, and the sobering influence of the church probably resulted in the staid character of the caps and gowns.

As the control of the universities gradually passed from the church, some

aspects of the costumes took on brighter hues. Old prints and engravings, however, reveal a strong similarity between the regalia worn in early universities and that of the present day.

In light of our nation's English heritage, academic costume has been in use in the United States since colonial times. To establish a standard of uniformity in regard to the practice, an intercollegiate commission was formed to prepare a code for caps, gowns and hoods that has since been adopted by all academic institutions.

Originally round, the shape of the cap is now the familiar mortarboard square — a shape that, according to ballad folklore, resembles a scholar's book. Legend also has it that the privilege of wearing a cap was the initial right of a freed Roman slave; the academic cap, therefore, has become a sign of the freedom of scholarship. The flowing gown has become symbolic of the democracy of scholarship, for it covers any dress that might indicate rank or social status. The hood, reserved at The Ohio State University for those receiving doctoral and master's degrees, not only indicates the type of degree, but also is lined with the official colors of the university.

### The Gown

**Bachelor:** The bachelor gown is black, full cut with long pointed sleeves.

**Master:** The master gown is black, long or short sleeves, with an arc-shaped panel extended for each sleeve.

**Doctor:** The Ohio State University Doctor of Philosophy gown is scarlet with gray velvet panels on the front and three velvet bars on each sleeve. Other doctor gowns are black with velvet panels and bars, the color of which is distinctive of the field of study.

### **Honors Emblem**

The Ohio State University honors emblem is a scarlet and gray tasseled braid worn over the gown. Students eligible for this curricular honor are those graduating summa cum laude, magna cum laude, cum laude, with distinction and with honors.

### The Hood

Bachelor: Three feet long with a two-inch-wide velvet edging.\*

Master: Three and one-half feet long with a three-inch-wide velvet edging.

**Doctor:** Four feet in length with a five-inch-wide velvet edging and panel at the sides.

The lining of all hoods, which is folded out, bears the official colors of the institution granting the degree. The color of the velvet indicates the field of study.

\* Not usually worn by candidates for a degree.

### Cap and Tassel

Candidates for degrees at The Ohio State University wear the black mortarboard with a tassel whose color is distinctive of the degree being received. The tassel colors are as follows:

| Graduate School (PhD)Gray<br>(Others)Black                |    |  |  |  |
|---|----|--|--|--|
| College of Arts and Sciences                              |    |  |  |  |
| BAWhite   |    |  |  |  |
| BA JournalismCrimson                                      | ۱  |  |  |  |
| BAE, BFABrown   |    |  |  |  |
| BM, BMEPink   |    |  |  |  |
| BS, BS Design, BS Atmos.Sci., BS Geog.Info.SciWhite       |    |  |  |  |
| Fisher College of Business Drab                           |    |  |  |  |
| College of DentistryLilac                                 | 2  |  |  |  |
| College of Education and Human Ecology                    |    |  |  |  |
| EducationLight Blue                                       |    |  |  |  |
| Human EcologyMaroor                                       |    |  |  |  |
| College of EngineeringOrange                              |    |  |  |  |
| Knowlton School of Architecture                           | τ  |  |  |  |
| College of Food, Agricultural, and                        | _  |  |  |  |
| Environmental Sciences Maize<br>School of Environment and | è. |  |  |  |
| Natural ResourcesBlue-Green                               |    |  |  |  |
|   |    |  |  |  |
| Moritz College of LawPurple<br>College of MedicineGreer   |    |  |  |  |
| School of Health and Rehabilitation SciencesGreen         |    |  |  |  |
| College of Nursing  |    |  |  |  |
| College of OptometryApricol                               |    |  |  |  |
| College of PharmacyOlive Green                            |    |  |  |  |
| John Glenn College of Public AffairsPeacock Blue          |    |  |  |  |
| College of Public Health                                  |    |  |  |  |
| College of Social WorkCitron                              |    |  |  |  |
| College of Veterinary MedicineGray                        |    |  |  |  |

The gold tassel is worn frequently by those holding the doctoral degree and by college and university administrative officers.





### Photography

As a courtesy to those persons receiving degrees today, please remain seated in the stands until the graduates have received their diplomas and moved past the stadium gates. Photographs may be taken from the stands at any time during the ceremony. However, only press photographers are permitted on the field.

A professional photographer will take a photograph of each graduate as the diploma is awarded. A free color print of the photograph will be mailed to the graduate's address within one month after graduation. You may purchase additional photos, but you are not obligated to do so.

### **Complimentary Programs**

A limited number of programs are available on a first-come, first-served basis. Requests should be sent to the Office of Commencement and Special Events, 1060 Blankenship Hall, 901 Woody Hayes Drive, Columbus, OH 43210-4016.

### **Board of Trustees**

(The expiration date of each trustee's term is given in parentheses.)

Michael J. Gasser, chair (2021) Timothy P. Smucker, vice chair (2020) Abigail S. Wexner, vice chair (2023) Clark C. Kellogg (2019) Lewis Von Thaer (2019) Alex Shumate (2020) Cheryl L. Krueger (2021) Brent R. Porteus (2022) Erin P. Hoeflinger (2022) Alex R. Fischer (2023) Hiroyuki Fujita (2024) Alan A. Stockmeister (2025) John W. Zeiger (2026) Gary R. Heminger (2027) Elizabeth P. Kessler (2027) H. Jordan Moseley, student trustee (2019) Janice M. Bonsu, student trustee (2020) Alan VanderMolen, charter trustee (2020) Janet Porter, charter trustee (2020) James D. Klingbeil, charter trustee (2021)

Jeff M.S. Kaplan, secretary and senior advisor

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# COUNCIL OF DEANS

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Karla Zadnik Executive Dean for Health Sciences Dean, College of Optometry

# INCLEMENT WEATHER

In the case of inclement weather, every effort will be made to hold commencement as planned. Commencement will take place in Ohio Stadium, unless weather conditions are dangerous or severe, in which case the ceremony will be canceled. No indoor facility on campus can accommodate the graduating class and their guests. On commencement day, Ohio State officials will be in continuous contact with the National Weather Service to monitor approaching weather. If it is feasible to delay the start of the ceremony and wait for clearing or less severe weather, the start of the ceremony may be delayed up to one hour. Should this happen, any changes will be announced on-site to graduates and guests. Graduates will remain in the assembly locations; guests are asked to remain in protected areas of Ohio Stadium. Your patience and cooperation will help facilitate this plan.

### In case of cancellation

If it is determined that severe weather will not permit us to hold commencement, the ceremony will be canceled. Once cancellation has been announced, graduates should report to the following locations one hour after cancellation to receive their diplomas.

It is strongly advised that graduates and guests prearrange a meeting place in case the ceremony is canceled. Guests should not go to French Field House or RPAC where most diplomas will be distributed to graduates. St. John Arena and various locations on West Lane Avenue are some suggested meeting sites.

Diplomas will remain in the following locations until 4 p.m. on commencement day. Diplomas not picked up by 4 p.m. will be taken to Buckeye Link on the first floor of the Student Academic Services (SAS) building, 281 West Lane Avenue. Diplomas will be available for pick-up there between 9 a.m. and 4 p.m., May 6–10. If a graduate's diploma remains unclaimed after May 10, it will be mailed to the permanent address on record within two to four weeks of commencement. Graduates can verify/change their mailing addresses by navigating to the BuckeyeLink website at buckeyelink.osu.edu. Click on "My Student Center," then scroll down to the "Personal Information" section to view the address. Click on the "Permanent Address" hyperlink if there is a need to edit it.

**Report to:** 



### College

| Graduate School (Doctorates) Independence Hal |                    |  |  |  |
|---|--------------------|--|--|--|
| Graduate School (Masters)                     | French Field House |  |  |  |
| Arts and Sciences                             | French Field House |  |  |  |
| Business                                      | French Field House |  |  |  |
| Dentistry                                     | RPAC               |  |  |  |
| Education and Human Ecology                   | .RPAC              |  |  |  |
| Engineering                                   | RPAC               |  |  |  |
| Food, Agricultural, and                       |                    |  |  |  |
| Environmental Sciences                        | RPAC               |  |  |  |
| Law   | Not Applicable     |  |  |  |
| Medicine                                      | RPAC               |  |  |  |
| Nursing                                       | RPAC               |  |  |  |
| Optometry                                     | .RPAC              |  |  |  |
| Pharmacy                                      | RPAC               |  |  |  |
| Public Affairs                                | RPAC               |  |  |  |
| Public Health                                 | RPAC               |  |  |  |
| Social Work                                   | .RPAC              |  |  |  |
| Veterinary Medicine                           | French Field House |  |  |  |
|   |                    |  |  |  |



POMP, CIRCUMSTANCE, AND OTHER SONGS OF A LIFETIME (continued from inside front cover)

I say, rather, the richness of us, precious difference, the grand multiplicity of selves that balance this globe and enable it to spin true. Grandson of peasant immigrants, I was given

the opportunity to earn a doctorate in English literature from Ohio State because my family labored long nights around the kitchen table trying to learn this arduous English. I sat where

you're sitting twenty-six years ago. Bob Dylan and Smokey Robinson got me through. Yes, it took a prophet and Miracles! My son earned an OSU Ph.D. in history. Now you, graduates, are being honored—

by degrees. We've all come together around the kitchen table of Ohio State. Ohio, Round on the ends and high in the middle. For the years to come we'll sing together, Beautiful Ohio,

in dreams again I see, Visions of what used to be. These psalms, sacred thoughts of our tribes, 78's and 33's, tapes, CD's—they take up space in shelves of our skulls, our hearts. They remind us

we want a song beyond the runof-the-mill thrill, the moment throbbing with pleasure or bathed in the blues. We ache for something grander than pure selfishness. Songs sung for one

alone are not true music. Arias shared are music of the spheres, ways of saying to another something from the soul. Of course the Buckeye Battle Cry is there. Drive, drive on down the field,

Men (and women!) of the Scarlet and Gray. Well, you drove on down the field, and you drove up and down the streets, around and around crowded lots, looking for a place to park,

and you searched our dark, ancient library for a decent place to study. My wife, Mary's, father marched in the first "Script Ohio," in 1936. He's here today with us, blowing his horn, I can't help

but feel, as is the sweet mother lost last year, the one who gave me the stars. Today's music makes us think of the debts we owe, and never can repay. So many of us would not be here were it not for the lullabyes and songs of dear parents, their parents, theirs. Some are here today in the flesh. Many are not. We mourn them with cadences of our hearts. Think how many people

sang before us, gave us a name, a voice, taught us the right words. We must cherish them by remembering every song. When we sing to others, we honor our fathers and mothers, thank them

for this day of profound scarlet and gray pomp and circumstance. O, come let's sing Ohio's praise, And songs to Alma Mater raise. Alma mater. Ohio State is our sweet, nurturing mother.

We came of age here, with her help. Well, Mother, we love you, but, like, it's time we moved out, got a place of our own. You're standing there, Mom, gray hair, eyes scarlet

from crying. We won't forget you. Now, even though this ceremony means we're being weaned, taken off the nipple, let's take care to cherish her all our days. Let's remember

the words to the songs she taught us, and pass them on. We'll remember always, Graduation Day. Summer's heat, and winter's cold, The seasons pass, the years will roll, Time and change

will surely show How firm thy friendship, O-hi-O. We call that little number Carmen Ohio. Carmen means song in Latin. You've worked hard; she is your reward; today is your reward.

You're filled to overflowing with the notes, the poems we've written together. You know the score. Continue to work hard for yourselves, and one another. Find the ones who need

you to sing to, for them, in the world. Graduates, this joyful litany, this hymn our ancestors collaborated on with us, the calling of your name today is music to our ears. Sing that name proudly

all your days, as if your life depended on it. It does, you know. It has been an honor for me to speak—and sing to you today. Thank you, graduates, and, again, Congratulations.

### Appendix LIV

The Ohio State University Board of Trustees May 31, 2019

#### Appointments/Reappointments of Chairpersons

\*\*MARK G. ANGELOS, Chair, Department of Emergency Medicine, effective July 1, 2019 through June 30, 2020

\*\*JOHN BARNARD, Chair, Department of Pediatrics, effective July 1, 2019 through June 30, 2023

PAUL E. BELLAIR, Director, Criminal Justice Research Center, effective June 1, 2019 through June 30, 2023

GREGORY CALDEIRA, Chair, Department of Political Science, effective July 1, 2019 through June 30, 2023

CYNTHIA G. CLOPPER, Chair, Department of Linguistics, effective July 1, 2019 through June 30, 2023

TAMAL K. DEY, Interim Chair, Department of Computer Science and Engineering, effective February 1, 2019 through June 30, 2020

\*\*SUSAN HADLEY, Chair, Department of Dance, effective September 1, 2019 through June 30, 2023

\*\*ROBERT C. HOLUB, Interim Chair, Department of Near Eastern Languages and Cultures, effective June 1, 2019 through June 30, 2020

\*\*KAREN HUTZEL, Interim Chair, Department of Art, effective July 1, 2019 through June 30, 2020

RYAN D. KING, Chair, Department of Sociology, effective June 1, 2019 through June 30, 2023

JEAN-FRANCOIS LAFONT, Chair, Department of Mathematics, effective June 1, 2019 through May 31, 2023

STEVEN MACEACHERN, Chair, Department of Statistics, effective June 1, 2019 through August 31, 2023

\*RAMA K. MALLAMPALLI, Chair, Department of Internal Medicine, effective November 15, 2018 through October 31, 2022

\*\*HARVEY MILLER, Director, Center for Urban and Regional Planning, effective June 1, 2019 through June 30, 2023

MICHAEL J. MILLS, Chair, Department of Materials Science and Engineering, effective May 6, 2019 through May 31, 2023

PETER MOHLER, Interim Chair, Department of Cancer Biology and Genetics, effective January 22, 2019 through January 21, 2020

DARLA K. MUNROE, Chair, Department of Geography, effective July 1, 2019 through June 30, 2023

UMIT S. OZKAN, Chair, Department of Chemical and Biomolecular Engineering, effective June 1, 2019 through May 31, 2023

\*\*MARK PARTHUN, Chair, Department of Biological Chemistry and Pharmacology, effective July 1, 2019 through June 30, 2023

\*HAROLD L. PAZ, Professor, Department of Internal Medicine, effective July 1, 2019

JAMES PECK, Chair, Department of Economics, effective July 1, 2019 through June 30, 2023

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The Ohio State University Board of Trustees May 31, 2019

DAVID H. WEINBERG, Chair, Department of Astronomy, effective June 1, 2019 through May 31, 2023

\*\*MARY JO WELKER, Chair, Department of Family Medicine, effective July 1, 2019 through June 30, 2020

\*\*Reappointment \*New Hire

#### Faculty Professional Leaves

DAVID ADAMS, Associate Professor, Department of English, effective Autumn 2019 and Spring 2020

BHAVIK R. BAKSHI, Professor, Department of Chemical and Biomolecular Engineering, effective Autumn 2019 and Spring 2020

SHANTHA BALASWAMY, Associate Professor, College of Social Work, effective Spring 2020

MOLLIE BLACKBURN, Professor, Department of Teaching and Learning, effective Spring 2020

JANET M. BOX-STEFFENSMEIER, Professor, Department of Political Science, effective Spring 2020

DAVID BRAKKE, Professor, Department of History, effective Autumn 2019 and Spring 2020

CHRISTOPHER R. BROWNING, Professor, Department of Sociology, effective Autumn 2019 and Spring 2020

CLAUDIA BUCHMANN, Professor, Department of Sociology, effective Spring 2020

ALICIA C. BUNGER, Associate Professor, College of Social Work, effective Autumn 2019

CINNAMON P. CARLARNE, Professor, Moritz College of Law, effective Autumn 2019

JOAN E. CASHIN, Professor, Department of History, effective Autumn 2019

JOHN B. CASTERLINE, Professor, Department of Sociology, effective Autumn 2019 and Spring 2020

JOSE M. CASTRO, Professor, Department of Integrated Systems Engineering, effective Autumn 2019

ALICE L. CONKLIN, Professor, Department of History, effective Autumn 2019 and Spring 2020

JAMES A. COWAN, Professor, Department of Chemistry and Biochemistry, effective Autumn 2019

RONALDO C. DA COSTA, Professor, Department of Veterinary Clinical Sciences, effective Autumn 2020

ADRIANA T. DAWES, Associate Professor, Department of Mathematics, effective Autumn 2019 and Spring 2020

PAUL DE BOECK, Professor, Department of Psychology, effective Autumn 2019 and Spring 2020

SCOTT L. DEWITT, Associate Professor, Department of English, effective Spring 2020

MICHA ELSNER, Associate Professor, Department of Linguistics, effective Autumn 2019 and Spring 2020

MARK D. FULLERTON, Professor, Department of History of Art, effective Autumn 2019

May 31, 2019

AMANPAL GARCHA, Associate Professor, Department of English, effective Autumn 2019

ANNA M. GAWBOY, Associate Professor, School of Music, effective Autumn 2019 and Spring 2020

AMANDA M. GIRTH, Associate Professor, John Glenn College of Public Affairs, effective Autumn 2019

JULIE D. GOLOMB, Associate Professor, Department of Psychology, effective Spring 2020

LISA HALL, Associate Professor, Department of Chemical and Biomolecular Engineering, effective Spring 2020

BERNADETTE HANLON, Associate Professor, Knowlton School of Architecture, effective Autumn 2019

J. ALBERT HARRILL, Professor, Department of History, effective Autumn 2019 and Spring 2020

CAROLINE A. HARTIG, Professor, School of Music, effective Autumn 2019

SHAHIDUL HASSAN, Associate Professor, John Glenn College of Public Affairs, effective Autumn 2019

L. CAMILLE HEBERT, Professor, Moritz College of Law, effective Spring 2020

TIN-LUN HO, Professor, Department of Physics, effective Autumn 2019 and Spring 2020

W.S. WINSTON HO, Professor, Department of Chemical and Biomolecular Engineering, effective Spring 2020

NEAL HOOKER, Professor, John Glenn College of Public Affairs, effective Autumn 2019 and Spring 2020

EZEKIEL JOHNSTON-HALPERIN, Associate Professor, Department of Physics, effective Autumn 2019

MATTHEW K. KAHLE, Professor, Department of Mathematics, effective Autumn 2019 and Spring 2020

MICHELLE L. KAISER, Associate Professor, College of Social Work, effective Spring 2020

ELOISE E. KAIZAR, Associate Professor, Department of Statistics, effective Autumn 2019 and Spring 2020

SHARVARI KARANDIKAR, Associate Professor, College of Social Work, effective Autumn 2019

HOWARD J. KLEIN, Professor, Department of Management and Human Resources, effective Spring 2020

ETHAN KNAPP, Associate Professor, Department of English, effective Autumn 2019

KENNETH D. KOENIG, Associate Professor, Department of Mathematics, effective Autumn 2019 and Spring 2020

LAURA S. KUBATKO, Professor, Department of Statistics, effective Spring 2020

SEBASTIAN A. KURTEK, Associate Professor, Department of Statistics, effective Spring 2020

STEPHANE LAVERTU, Associate Professor, John Glenn College of Public Affairs, effective Autumn 2019

ANDREW B. LEBER, Associate Professor, Department of Psychology, effective Spring 2020

YOONKYUNG LEE, Professor, Department of Statistics, effective Autumn 2019 and Spring 2020

ROSELYN J. LEE-WON, Associate Professor, School of Communication, effective Autumn 2019

May 31, 2019

BENEDETTA LEUNER, Associate Professor, Department of Psychology, effective Spring 2020

BECKY MANSFIELD, Professor, Department of Geography, effective Spring 2020

THOMAS F. MCDOW, Associate Professor, Department of History, effective Autumn 2019

BRIAN G. MCHALE, Professor, Department of English, effective Spring 2020

TANYA MENON, Associate Professor, Department of Management and Human Resources, effective Autumn 2019

CHIA-HSIANG MENQ, Professor, Department of Mechanical and Aerospace Engineering, effective Spring 2020

MICHAEL J. MILLS, Professor, Department of Materials Science and Engineering, effective Autumn 2019

GABRIELLA G. MODAN, Professor, Department of English, effective Spring 2020

AMY I. NATHANSON, Professor, School of Communication, effective Autumn 2019

ALISON H. NORRIS, Associate Professor, College of Public Health, effective Autumn 2019 and Spring 2020

SUSAN V. OLESIK, Professor, Department of Chemistry and Biochemistry, effective Autumn 2019

ANDRE F. PALMER, Professor, Department of Chemical and Biomolecular Engineering, effective Autumn 2019

NOEL G. PARKER, Professor, Department of History, effective Autumn 2019 and Spring 2020

KRIS PAULSEN, Associate Professor, Department of History of Art, effective Spring 2020

MARIO PERUGGIA, Professor, Department of Statistics, effective Spring 2020

STEPHEN A. PETRILL, Professor, Department of Psychology, effective Autumn 2019

SUSAN K. POWELL, Professor, School of Music, effective Spring 2020

GRZEGORZ A. REMPALA, Professor, College of Public Health, effective Spring 2020

ATANAS ROUNTEV, Professor, Department of Computer Science and Engineering, effective Autumn 2019

SHARI L. SAVAGE, Associate Professor, Department of Arts Administration, Education and Policy, effective Spring 2020

JESSE SCHOTTER, Associate Professor, Department of English, effective Autumn 2019 and Spring 2020

WILLIAM E. SCHULER, Professor, Department of Linguistics, effective Autumn 2019

PETER M. SHANE, Professor, Moritz College of Law, effective Autumn 2019 and Spring 2020

AHMAD A. SIKAINGA, Professor, Department of History, effective Spring 2020

ADENA TANENBAUM, Associate Professor, Department of Near Eastern Languages and Cultures, effective Autumn 2019

JULIA K. THOMAS, Professor, Department of Economics, effective Spring 2020

DANIEL TOKAJI, Professor, Moritz College of Law, effective Spring 2020

ANDREW VAN BUSKIRK, Associate Professor, Department of Accounting and Management Information Systems, effective Spring 2020

MICHAEL W. VASEY, Professor, Department of Psychology, effective Spring 2020

SANDRA G. VELLEMAN, Professor, Department of Animal Sciences, effective Spring 2020

CHRISTOPHER J. WALKER, Associate Professor, Moritz College of Law, effective Spring 2020

KEITH WARREN, Associate Professor, College of Social Work, effective Spring 2020

WOLFGANG WINDL, Professor, Department of Materials Science and Engineering, effective Spring 2020

VICKI WYSOCKI, Professor, Department of Chemistry and Biochemistry, effective Autumn 2019

ALLEN YI, Professor, Department of Integrated Systems Engineering, effective Autumn 2019

SETH YOUNG, Associate Professor, Department of Civil, Environmental and Geodetic Engineering, effective Autumn 2019 and Spring 2020

NORAH ZUNIGA-SHAW, Professor, Department of Dance, effective Autumn 2019 and Spring 2020

#### Faculty Professional Leave Cancellations

SCOTT MCCOY, Professor, School of Music, Cancellation of Autumn 2020 FPL

#### **Emeritus Titles**

WILLIAM W. BATSTONE, Department of Classics, with the title of Professor Emeritus, effective June 1, 2019

ROBERT A. BORNSTEIN, Department of Psychiatry and Behavioral Health, with the title of Professor Emeritus, effective July 1, 2019

DONALD W. CHAKERES, Department of Radiology, with the title of Professor Emeritus, effective May 1, 2019

CHARLES H. CLEMENS, Department of Mathematics, with the title of Professor Emeritus, effective September 1, 2019

BARBARA A. FINK, College of Optometry, with the title of Professor Emeritus, effective July 1, 2019

DAVID B. GREENBERGER, Department of Management and Human Resources, with the title of Professor Emeritus, effective June 1, 2019

JOHN F. GRIMES, Department of Extension, with the title of Associate Professor Emeritus, effective May 1, 2019

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RICHARD K. HERRMANN, Department of Political Science, with the title of Professor Emeritus, effective July 1, 2019

DAVID HURON, School of Music, with the title of Professor Emeritus, effective September 1, 2019

BARBARA Z. KIEFER, Department of Teaching and Learning, with the title of Professor Emeritus, effective January 1, 2019

BRUCE A. KIMBALL, Department of Educational Studies, with the title of Professor Emeritus, effective September 1, 2019

DOUGLAS M. LAMBERT, Department of Marketing and Logistics, with the title of Raymond E. Mason Chair in Transportation and Logistics Professor Emeritus, effective January 1, 2019

MICHAEL S. LILBURN, Department of Animal Sciences, with the title of Professor Emeritus, effective April 2, 2019

TIMOTHY J. MCNIVEN, Department of History of Art, Marion, with the title of Associate Professor Emeritus, effective June 1, 2019

TERRY L. NIBLACK, Department of Plant Pathology, with the title of Professor Emeritus, effective July 1, 2019

CLAUDIO C. PASIAN, Department of Horticulture and Crop Science, with the title of Associate Professor Emeritus, effective June 1, 2019

PHYLLIS L. PIRIE, College of Public Health, with the title of Professor Emeritus, effective June 1, 2019

WALTER T. RHODUS, Department of Horticulture and Crop Science, with the title of Professor Emeritus, effective April 1, 2019

ANDREJ ROTTER, Department of Biological Chemistry and Pharmacology, with the title of Professor Emeritus, effective March 1, 2019

BURKHARD SCHAFFRIN, School of Earth Sciences, with the title of Professor Emeritus, effective June 1, 2019

ROBERT R. SEGHI, College of Dentistry, with the title of Professor Emeritus, effective June 1, 2019

JOSEPH B. STULBERG, Moritz College of Law, with the title of Professor Emeritus, effective September 1, 2019

RICHARD P. SWENSON, Department of Chemistry and Biochemistry, with the title of Professor Emeritus, effective July 1, 2019

JULIAN F. THAYER, Department of Psychology, with the title of Professor Emeritus, effective April 1, 2019

CYNTHIA B. TORPPA, Department of Extension, with the title of Associate Professor Emeritus, effective July 1, 2019

DAVID D. WOODS, Department of Integrated Systems Engineering, with the title of Professor Emeritus, effective June 1, 2019

Promotion, Tenure, and Reappointments

# COLLEGE OF THE ARTS AND SCIENCES

#### DIVISION OF ART AND HUMANITIES

PROMOTION TO PROFESSOR Anderson, Gregor, History, May 30, 2019 Beach, Alison, History, May 30, 2019 Bray, Patrick, French and Italian, May 30, 2019 Kleinbub, Christian, History of Art, May 30, 2019 Latorre, Guisela, Women's Gender and Sexuality Studies, May 30, 2019 Smithies, Declan, Philosophy, May 30, 2019 Sutton Ramspeck, Doug, Lima, English, May 30, 2019 Taleghani-Nikazm, Carmen, Germanic Languages and Literatures, May 30, 2019 Tonhauser, Judith, Linguistics, May 30, 2019 White, Michael, Linguistics, May 30, 2019 Zevallos-Aguilar, Ulises, Spanish and Portuguese, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE de Marneffe , Marie-Catherine, Linguistics, May 30, 2019 Elmore, Bartow, History, May 30, 2019 Hoffmann, Benjamin, French and Italian, May 30, 2019 Howard, Clayton, History, May 30, 2019 Kohnlein, Bjorn, Linguistics, May 30, 2019 Kosstrin, Hannah, Dance, May 30, 2019 Matthews, Daniel, Lima, Theatre, May 30, 2019 Morley, Rebecca, Linguistics, May 30, 2019 Nagar, Ila, Near Eastern Languages and Cultures, May 30, 2019 Restack, Dani, Art, May 30, 2019

# DIVISION OF NATURAL AND MATHEMATICAL SCIENCES

PROMOTION TO PROFESSOR Abedon, Stephen, Mansfield, Microbiology, May 30, 2019 Connolly (Hill), Amy, Physics, May 30, 2019 Hamilton, Ian, Evolution, Ecology and Organismal Biology, May 30, 2019 Herbei, Radu, Statistics, May 30, 2019 Johnston-Halperin, Ezekiel, Physics, May 30, 2019 Kaizar, Eloise, Statistics, May 30, 2019 Ludsin, Stuart, Evolution, Ecology and Organismal Biology, May 30, 2019 Maharry, John, Marion, Mathematics, May 30, 2019 Ruiz, Natividad, Microbiology, May 30, 2019 Stan, Aurel, Marion, Mathematics, May 30, 2019 Xu, Xinvi, Statistics, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Baker, Lawrence, Chemistry and Biochemistry, May 30, 2019 Dobritsa, Anna, Molecular Genetics, May 30, 2019 Harper, John, Newark, Mathematics, May 30, 2019 Hiary, Gaith, Mathematics, May 30, 2019 Katz, Eric, Mathematics, May 30, 2019 Kural, Comert, Physics, May 30, 2019 Lu, Yuan-Ming, Physics, May 30, 2019 Moortgat, Joachim, School of Earth Sciences, May 30, 2019 Nakanishi, Kotaro, Chemistry and Biochemistry, May 30, 2019

Peter, Annika, Physics, May 30, 2019 Pratola, Matthew, Statistics, May 30, 2019 Sawyer, Audrey, School of Earth Sciences, May 30, 2019 Shafaat, Hannah, Chemistry and Biochemistry, May 30, 2019 Sivakoff, David, Statistics, May 30, 2019 Sotomayor, Marcos, Chemistry and Biochemistry, May 30, 2019 Vu, Vincent, Statistics, May 30, 2019

# DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES

PROMOTION TO PROFESSOR Coleman, Mathew, Geography, May 30, 2019 Cook, Robert, Anthropology, Newark, May 30, 2019 Dwyer, Rachel, Sociology, May 30, 2019 Frank, Reanne, Sociology, May 30, 2019 Garrett, R. Kelly, School of Communication, May 30, 2019 Hayford, Sarah, Sociology, May 30, 2019 Hubbe, Mark, Anthropology, May 30, 2019 Neblo, Michael, Political Science, May 30, 2019 Wagner, Laura, Psychology, May 30, 2019

# PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Bond, Robert, School of Communication, May 30, 2019 Harnish, Stacy, Speech and Hearing Science, May 30, 2019 Krajbich, Ian, Psychology, May 30, 2019 Lavetti, Kurt, Economics, May 30, 2019 Nyseth Brehm, Hollie, Sociology, May 30, 2019 Turner, Brandon, Psychology, May 30, 2019 Valdez Tappata, Maria Ines, Political Science, May 30, 2019 Woodworth, Max, Geography, May 30, 2019

# DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES CLINICAL

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL Kraft, Nicole, School of Communication, May 30, 2019

# COLLEGE OF DENTISTRY

PROMOTION TO PROFESSOR Kim, DoGyoon, May 30, 2019 Yilmaz, Burak, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Emam, Hany, May 30, 2019

> COLLEGE OF DENTISTRY CLINICAL

PROMOTION TO PROFESSOR-CLINICAL Kumar, Ashok, May 30, 2019

<u>REAPPOINTMENT</u> Amer, Rafat, September 1, 2020 Bean, Canise, September 1, 2020 May 31, 2019

Cottle, James, September 1, 2020 Kalim, Sonya, September 1, 2020 Kennedy, Kelly, September 1, 2020 Saponaro Parra, Paola, September 1, 2020 Wang, Yun, September 1, 2020

# COLLEGE OF LAW

PROMOTION TO PROFESSOR Walker, Christopher, May 30, 2019

## COLLEGE OF LAW CLINICAL

PROMOTION TO PROFESSOR-CLINICAL Kelly, Katherine, May 30, 2019

#### COLLEGE OF EDUCATION AND HUMAN ECOLOGY

PROMOTION TO PROFESSOR Irving, Karen, Teaching and Learning, May 30, 2019 Li, Weidong, Human Sciences, May 30, 2019 Nunez, Anne-Marie, Educational Studies, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Appova, Aina, Marion, Teaching and Learning, May 30, 2019 Brock, Matthew, Educational Studies, May 30, 2019 Orchard, Tonya, Human Sciences, May 30, 2019 San Pedro, Timothy, Teaching and Learning, May 30, 2019 Troyan, Francis, Teaching and Learning, May 30, 2019

# COLLEGE OF EDUCATION AND HUMAN ECOLOGY CLINICAL

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL Kennel, Julie, Human Sciences, May 30, 2019

## COLLEGE OF ENGINEERING

PROMOTION TO PROFESSOR

Dasi, Lakshmi, Biomedical Engineering, May 30, 2019 Dupaix, Rebecca, Mechanical and Aerospace Engineering, May 30, 2019 Lenhart, John, Civil, Environmental and Geodetic Engineering, May 30, 2019 Liang, Yingbin, Electrical and Computer Engineering, May 30, 2019 Lilly, Blaine, Mechanical and Aerospace Engineering, May 30, 2019 Siston, Robert, Mechanical and Aerospace Engineering, May 30, 2019 Su, Haijun, Mechanical and Aerospace Engineering, May 30, 2019 Suthon, Jeffrey, Mechanical and Aerospace Engineering, May 30, 2019 Sutton, Jeffrey, Mechanical and Aerospace Engineering, May 30, 2019 Zhao, Yi, Biomedical Engineering, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Bielicki, Jeffrey, Civil, Environmental and Geodetic Engineering, May 30, 2019

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Boswell, Jacob, Knowlton School of Architecture, May 30, 2019 Cruse, Andrew, Knowlton School of Architecture, May 30, 2019 Diles, Justin, Knowlton School of Architecture, May 30, 2019 Ghazisaeidi, Maryam, Materials Science Engineering, May 30, 2019 Hoelzle, David, Mechanical and Aerospace Engineering, May 30, 2019 Kim, Seung Hyun, Mechanical and Aerospace Engineering, May 30, 2019 Mathison, Randall, Mechanical and Aerospace Engineering, May 30, 2019 Niezgoda, Stephen, Materials Science Engineering, May 30, 2019 Niezgoda, Stephen, Materials Agence Engineering, May 30, 2019 Zhang, Yinqian, Computer Science and Engineering, May 30, 2019

# COLLEGE OF ENGINEERING CLINICAL

PROMOTION TO PROFESSOR-CLINICAL Midlam-Mohler, Shawn, Mechanical and Aerospace Engineering, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL Fiorentini, Lisa, Electrical and Computer Engineering, May 30, 2019 Metzler, Sandra, Mechanical and Aerospace Engineering, May 30, 2019 Mokashi, Prasad, Mechanical and Aerospace Engineering, May 30, 2019 Villarroel, Wladimiro, Electrical and Computer Engineering, May 30, 2019

# MAX M. FISHER COLLEGE OF BUSINESS

PROMOTION TO PROFESSOR Croxton, Keely, Marketing and Logistics, May 30, 2019 Gray, John, Management Sciences, May 30, 2019 Menon, Tanya, Management and Human Resources, May 30, 2019

# COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES

PROMOTION TO PROFESSOR Gao, Yu, OSUE County Operations, May 30, 2019 Gardiner, Mary, Entomology, May 30, 2019 Klaiber, Henry, Agricultural, Environmental and Development Economics, May 30, 2019 Michel, Andrew, Entomology, May 30, 2019 Moss, Myra, OSUE County Operations, May 30, 2019 Qu, Feng, Plant Pathology, May 30, 2019 Sundermeier, Alan, OSUE County Operations, May 30, 2019 Wilson, Robyn, School of Environment and Natural Resources, May 30, 2019

#### PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Ard, Kerry, School of Environment and Natural Resources, May 30, 2019 Gray, Suzanne, School of Environment and Natural Resources, May 30, 2019 Hand, Francesca, Plant Pathology, May 30, 2019 Lindsey, Laura, Horticulture and Crop Science, May 30, 2019 Maleky, Fatemeh, Food Science and Technology, May 30, 2019 Pairis-Garcia, Monique, Animal Sciences, May 30, 2019 Pintor, Lauren, School of Environment and Natural Resources, May 30, 2019 Shah, Ajay, Food, Agricultural and Biological Engineering, May 30, 2019 Simons, Christopher, Food Science and Technology, May 30, 2019 Slot, Jason, Plant Pathology, May 30, 2019 Smathers, Carol, OSUE Administration, May 30, 2019

May 31, 2019

TENURE [AT THE CURRENT RANK OF ASSOCIATE PROFESSOR] Cai, Yongyang, Agricultural, Environmental and Development Economics, May 30, 2019

# COLLEGE OF FOOD, AGRICULTURAL AND ENVIRONMENTAL SCIENCES CLINICAL

REAPPOINTMENT

Cressman, Michael, Animal Sciences, September 1, 2020 Fineran, Stacey, School of Environment and Natural Resources, September 1, 2020 Hitzhusen, Gregory, School of Environment and Natural Resources, September 1, 2020

# JOHN GLENN COLLEGE OF PUBLIC AFFAIRS

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Dormady, Noah, May 30, 2019

## COLLEGE OF MEDICINE

PROMOTION TO PROFESSOR Bai, Xue-Feng, Pathology, May 30, 2019 Chisolm, Deena, Pediatrics, May 30, 2019 Deans, Katherine, Surgery, May 30, 2019 Fedorov, Vadim, Physiology and Cell Biology, May 30, 2019 Gerhardt, Cynthia, Pediatrics, May 30, 2019 Salani, Ritu, Obstetrics and Gynecology, May 30, 2019 Wesker, Randall, Family Medicine, May 30, 2019 Whitson, Bryan, Surgery, May 30, 2019 Weisleder, Noah, Physiology and Cell Biology, May 30, 2019 Yoon, Sung Ok, Biological Chemistry and Pharmacology, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE

Chen, Bernadette, Pediatrics, May 30, 2019 Jacob, Naduparambil, Radiation Oncology, May 30, 2019 Otero, Jose, Pathology, May 30, 2019 Sampath, Deepa, Internal Medicine, May 30, 2019 Stanford, Kristin, Physiology and Cell Biology, May 30, 2019 Wang, Ruoning, Pediatrics, May 30, 2019 Yount, Jacob, Microbial Infection and Immunity, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR [WITHOUT TENURE] Black, Sylvester, Surgery, May 30, 2019 Hays, John, Internal Medicine, May 30, 2019 Smith, Sakima, Internal Medicine, May 30, 2019

TENURE [AT THE CURRENT RANK OF ASSOCIATE PROESSOR] Maitre, Nathalie, Pediatrics, May 30, 2019 Powers, Ciaran, Neurological Surgery, May 30, 2019

# COLLEGE OF MEDICINE CLINICAL

PROMOTION TO PROFESSOR-CLINICAL Ali, Naeem, Internal Medicine, May 30, 2019 Bowden, Sasigarn, Pediatrics, May 30, 2019

Dodson, Edward, Otolaryngology-Head and Neck Surgery, May 30, 2019 Dunn, Amy, Pediatrics, May 30, 2019 Hor, Kan, Pediatrics, May 30, 2019 Kahwash, Rami, Internal Medicine, May 30, 2019 McCallister, Jennifer, Internal Medicine, May 30, 2019 Moran, Kenneth, Anesthesiology, May 30, 2019 Niedermier, Julie, Psychiatry and Behavioral Health, May 30, 2019 Olshefski, Randal, Pediatrics, May 30, 2019 Sheikh, Shahid, Pediatrics, May 30, 2019 Shell, Richard, Pediatrics, May 30, 2019 Simsic, Janet, Pediatrics, May 30, 2019 Tayal, Neeraj, Internal Medicine, May 30, 2019

PROMOTION TO PROFESSOR-CLINICAL AND REAPPOINTMENT Agnese, Doreen, Surgery, May 30, 2019, and September 1, 2020 Augostini, Ralph, Internal Medicine, May 30, 2019, and September 1, 2020 Capers IV., Quinn, Internal Medicine, May 30, 2019, and September 1, 2020 Guertin, Michael, Anesthesiology, May 30, 2019, and September 1, 2020 Gupta, Nilendu, Radiation Oncology, May 30, 2019, and September 1, 2020 Kisanuki, Cheryl Gariepy, Pediatrics, May 30, 2019, and September 1, 2020 Liston, Beth, Internal Medicine, May 30, 2019, and September 1, 2020 Martin, Douglas, Radiation Oncology, May 30, 2019, and September 1, 2020 Phay, John, Surgery, May 30, 2019, and September 1, 2020 Rajab, Amer, Surgery, May 30, 2019, and September 1, 2020 Schaffir, Jonathan, Obstetrics and Gynecology, May 30, 2019, and September 1, 2020 Tandon, Amit, Ophthalmology and Visual Science, May 30, 2019, and September 1, 2020 Wyne, Kathleen, Internal Medicine, May 30, 2019, and September 1, 2020 Zhao, Weigiang, Pathology, May 30, 2019, and September 1, 2020 Zynger, Debra, Pathology, May 30, 2019, and September 1, 2020

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL AND REAPPOINTMENT

Abdel-Misih, Sherif, Surgery, May 30, 2019, and September 1, 2020 Ayan, Ahmet, Radiation Oncology, May 30, 2019, and September 1, 2020 Curren, Camilla, Internal Medicine, May 30, 2019, and September 1, 2020 Delatore, Luca, Emergency Medicine, May 30, 2019, and September 1, 2020 Kang, Stephen, Otolaryngology-Head and Neck Surgery, May 30, 2019, and September 1, 2020 Luke, Whitney, Physical Medicine and Rehabilitation, May 30, 2019, and September 1, 2020 Panchal, Bethany, Family Medicine, May 30, 2019, and September 1, 2020 Parikh, Samir, Internal Medicine, May 30, 2019, and September 1, 2020 Sawchyn, Andrea, Ophthalmology and Visual Science, May 30, 2019, and September 1, 2020 Strafford, Katherine, Obstetrics and Gynecology, May 30, 2019, and September 1, 2020

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL Abu-Arja, Rolla, Pediatrics, May 30, 2019 Ajam, Ali, Internal Medicine, May 30, 2019 Bhatnagar, Bhavana, Internal Medicine, May 30, 2019 Bhatt, Udayan, Internal Medicine, May 30, 2019 Bradley, Elisa, Internal Medicine, May 30, 2019 Carr, David, Internal Medicine, May 30, 2019 Chase, Dustin, Internal Medicine, May 30, 2019 Cooper, Robert, Emergency Medicine, May 30, 2019 Dillhoff, Mary, Surgery, May 30, 2019 Erdal, Barbaros, Radiology, May 30, 2019 Essig, Garth, Otolaryngology-Head and Neck Surgery, May 30, 2019 Flores, Antolin, Anesthesiology, May 30, 2019 May 31, 2019

Goval, Kanu, Orthopaedics, May 30, 2019 Gray II, Darrell, Internal Medicine, May 30, 2019 Groce, Jeffrey, Internal Medicine, May 30, 2019 Hanks, Christopher, Internal Medicine, May 30, 2019 Hart, Philip, Internal Medicine, May 30, 2019 Husain, Syed, Surgery, May 30, 2019 Hussan, Hisham, Internal Medicine, May 30, 2019 Jain, Sonu, Plastic Surgery, May 30, 2019 Kataki, Maria, Neurology, May 30, 2019 Kuntz, Kristin, Psychiatry and Behavioral Health, May 30, 2019 Li, Zaibo, Pathology, May 30, 2019 Lind, Meredith, Otolaryngology-Head and Neck Surgery, May 30, 2019 Logan, John Wells, Pediatrics, May 30, 2019 Macklin, Jamie, Pediatrics, May 30, 2019 Mah, May Ling, Pediatrics, May 30, 2019 Matrka, Laura, Otolaryngology-Head and Neck Surgery, May 30, 2019 Mumtaz, Khalid, Internal Medicine, May 30, 2019 Noria, Sabrena, Surgery, May 30, 2019 Otto, Bradley, Otolaryngology-Head and Neck Surgery, May 30, 2019 Plotner, Alisha, Internal Medicine, May 30, 2019 Quick, Adam, Neurology, May 30, 2019 Schamess, Andrew, Internal Medicine, May 30, 2019 Setty, Bhuvana, Pediatrics, May 30, 2019 Shabsigh, Ahmad, Urology, May 30, 2019 Shah, Zarine, Radiology, May 30, 2019 Shana'ah, Arwa, Pathology, May 30, 2019 Sikic-Klisovic, Eleonora, Psychiatry and Behavioral Health, May 30, 2019 Southerland, Lauren, Emergency Medicine, May 30, 2019 Spencer Cockerham, Sandra, Pediatrics, May 30, 2019 Stanich, Peter, Internal Medicine, May 30, 2019 Teater, Julie, Psychiatry and Behavioral Health, May 30, 2019 Texter, Karen, Pediatrics, May 30, 2019 Vasu, Sumithira, Internal Medicine, May 30, 2019 Wallihan, Rebecca, Pediatrics, May 30, 2019 Wang, Tzu-Fei, Internal Medicine, May 30, 2019 Wesolowski, Robert, Internal Medicine, May 30, 2019 William, Basem, Internal Medicine, May 30, 2019 Williams, Kent, Pediatrics, May 30, 2019 Witwer, Andrea, Psychiatry and Behavioral Health, May 30, 2019 Yu, Elizabeth, Orthopaedics, May 30, 2019

#### REAPPOINTMENT

Abdel Baki, Mohamed, Pediatrics, September 1, 2020 Abo Hassan, Mahrous, Internal Medicine, September 1, 2020 Adkins, Eric, Emergency Medicine, September 1, 2020 Agarwal, Anil, Internal Medicine, September 1, 2020 Agrawal, Punit, Neurology, September 1, 2020 Almed, Rukshana, Pediatrics, September 1, 2020 Al Tarawneh, Rawan, Neurology, September 1, 2020 Albert, Dara, Pediatrics, September 1, 2020 Albart, Dara, Pediatrics, September 1, 2020 Alfaro, Maria, Pathology, September 1, 2020 Alhafez, Bishr, Internal Medicine, September 1, 2020 Allan, Dawn, Internal Medicine, September 1, 2020 Allen, Elizabeth, Pediatrics, September 1, 2020 Allen, Jamie, Anesthesiology, September 1, 2020 Amadi, Chiemezie, Radiology, September 1, 2020 May 31, 2019

Ankrom, Sean, Internal Medicine, September 1, 2020 Apke, Tonya, School of Health and Rehabiliation Sciences, September 1, 2020 Appiah, Leslie, Obstetrics and Gynecology, September 1, 2020 Armstrong, Aimee, Pediatrics, September 1, 2020 Aylward, Shawn, Pediatrics, September 1, 2020 Ayoub, Isabelle, Internal Medicine, September 1, 2020 Ayyappan, Sabarish, Internal Medicine, September 1, 2020 Aziz, Farhad, Emergency Medicine, September 1, 2020 Bachmann, Daniel, Emergency Medicine, September 1, 2020 Badizadegan, Kamran, Pathology, September 1, 2020 Barbar-Smiley, Fatima, Pediatrics, September 1, 2020 Baum, Rebecca, Pediatrics, September 1, 2020 Bazan, Jose, Internal Medicine, September 1, 2020 Bergese, Sergio, Anesthesiology, September 1, 2020 Bertrand, John, Internal Medicine, September 1, 2020 Bhatt, Nitin, Internal Medicine, September 1, 2020 Bixel, Kristin, Obstetrics and Gynecology, September 1, 2020 Bode, Ryan, Pediatrics, September 1, 2020 Bode, Sara, Pediatrics, September 1, 2020 Bonomi, Marcelo, Internal Medicine, September 1, 2020 Boyle, Brendan, Pediatrics, September 1, 2020 Branditz, Lauren, Emergency Medicine, September 1, 2020 Cassingham, Hayley, Internal Medicine, September 1, 2020 Cataland, Spero, Internal Medicine, September 1, 2020 Chaudhry, Maria, Internal Medicine, September 1, 2020 Chicorelli, Anne Marie, Orthopaedics, September 1, 2020 Clairmont, Albert, Physical Medicine and Rehabilitation, September 1, 2020 Conteh, Lanla, Internal Medicine, September 1, 2020 Cottrell, Catherine, Pathology, September 1, 2020 Cottrill, Casev, Pediatrics, September 1, 2020 Cui, Xiaoyan, Pathology, September 1, 2020 Culver, Thomas, Emergency Medicine, September 1, 2020 Cureton, Beth Ann, Radiology, September 1, 2020 Curtis, Casey, Internal Medicine, September 1, 2020 Darmafall, Kristyn, Orthopaedics, September 1, 2020 Desai, Payal, Internal Medicine, September 1, 2020 Dienhart, Molly, Pediatrics, September 1, 2020 Doll, Heather, Internal Medicine, September 1, 2020 Doyle, Brian, Internal Medicine, September 1, 2020 Driest, Kyla, Pediatrics, September 1, 2020 Duggirala, Vijay, Internal Medicine, September 1, 2020 Duncan, Philicia, Internal Medicine, September 1, 2020 El Sayed, Hosam, Surgery, September 1, 2020 Elsheikh, Bakri, Neurology, September 1, 2020 Epperla, Narendranath, Internal Medicine, September 1, 2020 Erdman, Steven, Pediatrics, September 1, 2020 Evanchan, Jason, Internal Medicine, September 1, 2020 Evans, Cynthia, Obstetrics and Gynecology, September 1, 2020 Eze, Ogechukwu, Pathology, September 1, 2020 Fabia, Renata, Surgery, September 1, 2020 Farag, Alexander, Otolaryngology-Head and Neck Surgery, September 1, 2020 Fathi, Omid, Pediatrics, September 1, 2020 Fetko, C. Nicholas, Radiology, September 1, 2020 Fleming, Gloria, Ophthalmology and Visual Science, September 1, 2020 Fletcher, Derek, Pediatrics, September 1, 2020 Folefac, Edmund, Internal Medicine, September 1, 2020

May 31, 2019

Forrest, Lowell, Otolarvngology-Head and Neck Surgery, September 1, 2020 Frey, Heather, Obstetrics and Gynecology, September 1, 2020 Friedberg, Aaron, Internal Medicine, September 1, 2020 Friedman, Susan, Internal Medicine, September 1, 2020 Gafford, Ellin, Internal Medicine, September 1, 2020 Gajarski, Robert, Pediatrics, September 1, 2020 Gandhi, Kajal, Pediatrics, September 1, 2020 Ganith, Rashmi, Internal Medicine, September 1, 2020 Gans, Bradley, Radiology, September 1, 2020 Glawe, Charles, Psychiatry and Behavioral Health, September 1, 2020 Goist, Melissa, Obstetrics and Gynecology, September 1, 2020 Gonsenhauser, Iahn, Internal Medicine, September 1, 2020 Gordish, Deborah, Internal Medicine, September 1, 2020 Gough, Bryan, Neurology, September 1, 2020 Gowda, Charitha, Pediatrics, September 1, 2020 Gray, Chantel, Anesthesiology, September 1, 2020 Grenade, Cassandra, Internal Medicine, September 1, 2020 Grischkan, Jonathan, Otolaryngology-Head and Neck Surgery, September 1, 2020 Groth, Adam, Orthopaedics, September 1, 2020 Guo, Ling, Pathology, September 1, 2020 Gustin, Jillian, Internal Medicine, September 1, 2020 Haamid, Fareeda, Pediatrics, September 1, 2020 Hanna, Rami, Anesthesiology, September 1, 2020 Harfmann, Katya, Pediatrics, September 1, 2020 Hayes, Blair, Anesthesiology, September 1, 2020 Heacock, Allison, Internal Medicine, September 1, 2020 Heard, Jarrett, Anesthesiology, September 1, 2020 Henry, Rohan, Pediatrics, September 1, 2020 Hewitt, Geri, Obstetrics and Gynecology, September 1, 2020 Hill, Bryan, Anesthesiology, September 1, 2020 Hirsh, David, Ophthalmology and Visual Science, September 1, 2020 Hodsden, James, Internal Medicine, September 1, 2020 Holland-Hall, Cynthia, Pediatrics, September 1, 2020 Holliday, Scott, Internal Medicine, September 1, 2020 Honegger, Jonathan, Pediatrics, September 1, 2020 Houmsse, Mahmoud, Internal Medicine, September 1, 2020 Humeidan, Michelle, Anesthesiology, September 1, 2020 Hundley, Andrew, Obstetrics and Gynecology, September 1, 2020 Ibrahim, Gehan, Radiology, September 1, 2020 Indyk, Justin, Pediatrics, September 1, 2020 Islam, Monica, Pediatrics, September 1, 2020 Isley, Michelle, Obstetrics and Gynecology, September 1, 2020 Ivanov, Iouri, Pathology, September 1, 2020 Iwenofu, Obiajulu, Pathology, September 1, 2020 Iyer, Maya, Pediatrics, September 1, 2020 Jackson, Harrison, Internal Medicine, September 1, 2020 Jacobowski, Natalie, Psychiatry and Behavioral Health, September 1, 2020 Jeter, Joanne, Internal Medicine, September 1, 2020 Jiang, Xia, Radiology, September 1, 2020 Jones, Grant, Orthopaedics, September 1, 2020 Jones, Larry, Surgery, September 1, 2020 Jonesco, Michael, Internal Medicine, September 1, 2020 Jordan, Elizabeth, Internal Medicine, September 1, 2020 Julka, Abhishek, Orthopaedics, September 1, 2020 Kahwash, Samir, Pathology, September 1, 2020 Kapoor, Ritu, Anesthesiology, September 1, 2020

May 31, 2019

Karsies, Todd, Pediatrics, September 1, 2020 Kauh, Courtney, Ophthalmology and Visual Science, September 1, 2020 Keder, Lisa, Obstetrics and Gynecology, September 1, 2020 Kertesz Myers, Naomi, Pediatrics, September 1, 2020 Khandker, Nabil, Neurology, September 1, 2020 Kim, Jeffery, Orthopaedics, September 1, 2020 Kirkby, Stephen, Pediatrics, September 1, 2020 Kirschner, Richard, Plastic Surgery, September 1, 2020 Kizhakkeppat Viswanathan, Sreekanth, Pediatrics, September 1, 2020 Klamar, Karl, Physical Medicine and Rehabilitation, September 1, 2020 Klatt, Maryanna, Family Medicine, September 1, 2020 Kloos, Anne, School of Health and Rehabilitation Sciences, September 1, 2020 Kneuertz, Peter, Surgery, September 1, 2020 Knight, James, Internal Medicine, September 1, 2020 Koesters, Stephen, Internal Medicine, September 1, 2020 Konfala, Rita, Internal Medicine, September 1, 2020 Koo, Selene, Pathology, September 1, 2020 Laffey, James, Radiology, September 1, 2020 Lamb, James, Internal Medicine, September 1, 2020 Lambert, Catherine, Internal Medicine, September 1, 2020 Lazarus, Sophie, Psychiatry and Behavioral Health, September 1, 2020 Leibowitz, Scott, Psychiatry and Behavioral Health, September 1, 2020 Leung, Cynthia, Emergency Medicine, September 1, 2020 Li, Mengnai, Orthopaedics, September 1, 2020 Liu, Jim, Internal Medicine, September 1, 2020 LoRusso, Samantha, Neurology, September 1, 2020 Lustberg, Mark, Internal Medicine, September 1, 2020 Maa, Tensing, Pediatrics, September 1, 2020 MacDonald, James, Pediatrics, September 1, 2020 Macerollo, Allison, Family Medicine, September 1, 2020 Maffett, Scott, Internal Medicine, September 1, 2020 Malleske, Daniel, Pediatrics, September 1, 2020 Malone, Matthew, Emergency Medicine, September 1, 2020 Maltz, Ross, Pediatrics, September 1, 2020 Malvestutto, Carlos, Internal Medicine, September 1, 2020 Mann, Marlisa, Emergency Medicine, September 1, 2020 Mao, Shengyi, Internal Medicine, September 1, 2020 Margolis, Steven, Anesthesiology, September 1, 2020 Maturu, Sarita, Neurology, September 1, 2020 May, Anne, Pediatrics, September 1, 2020 McConaghy, John, Family Medicine, September 1, 2020 McKnight, Erin, Pediatrics, September 1, 2020 Meara, Alexa, Internal Medicine, September 1, 2020 Mehta, Laxmi, Internal Medicine, September 1, 2020 Meng, Xiaomei, Internal Medicine, September 1, 2020 Mezoff, Ethan, Pediatrics, September 1, 2020 Michaels, Anthony, Internal Medicine, September 1, 2020 Mihalov, Leslie, Pediatrics, September 1, 2020 Mikulik, Zhanna, Internal Medicine, September 1, 2020 Miller, Eric, Radiation Oncology, September 1, 2020 Misquitta, Luke, Psychiatry and Behavioral Health, September 1, 2020 Mitzman, Jennifer, Emergency Medicine, September 1, 2020 Moe, Aubrey, Psychiatry and Behavioral Health, September 1, 2020 Monk III, J Paul, Internal Medicine, September 1, 2020 Mundy, Chantelle, Ophthalmology and Visual Science, September 1, 2020 Murden, Robert, Internal Medicine, September 1, 2020

May 31, 2019

Nabhan, Fadi, Internal Medicine, September 1, 2020 Nagar, Veena, Radiology, September 1, 2020 Nandi, Deipanjan, Pediatrics, September 1, 2020 Nankervis, Craig, Pediatrics, September 1, 2020 Nayeem, Sarah, Psychiatry and Behavioral Health, September 1, 2020 Nguyen, Xuan, Radiology, September 1, 2020 Nopkhun, Wilawan, Physical Medicine and Rehabilitation, September 1, 2020 Nowacki, Nicholas, Pathology, September 1, 2020 Nunley, David, Internal Medicine, September 1, 2020 Nwomeh, Benedict, Surgery, September 1, 2020 Oberle, Edward, Pediatrics, September 1, 2020 O'Donnell, Lynn, Internal Medicine, September 1, 2020 O'Malley, David, Obstetrics and Gynecology, September 1, 2020 Onderko, George, Internal Medicine, September 1, 2020 Oppenheim-Knudsen, Eunice, Family Medicine, September 1, 2020 Ostendorf, Adam, Pediatrics, September 1, 2020 Owen, Dwight, Internal Medicine, September 1, 2020 Palanichamy, Kamalakannan, Radiation Oncology, September 1, 2020 Parsons, Jonathan, Internal Medicine, September 1, 2020 Patel, Krutiben, Internal Medicine, September 1, 2020 Patel, Virenkumar, Internal Medicine, September 1, 2020 Pearlman, Rachel, Internal Medicine, September 1, 2020 Pedraza, Sandra, Internal Medicine, September 1, 2020 Penza, Sam, Internal Medicine, September 1, 2020 Petullo, Brian, Internal Medicine, September 1, 2020 Pierson, Christopher, Pathology, September 1, 2020 Pilarski, Robert, Internal Medicine, September 1, 2020 Pindrik, Jonathan, Neurological Surgery, September 1, 2020 Prince, Benjamin, Pediatrics, September 1, 2020 Purushothaman, Priti, Psychiatry and Behavioral Health, September 1, 2020 Quimper, Megan, Obstetrics and Gynecology, September 1, 2020 Ramachandran, Manoj, Internal Medicine, September 1, 2020 Ramamurthy, Arun, Neurology, September 1, 2020 Raveendran, Rekha, Internal Medicine, September 1, 2020 Redmond, Margaret, Pediatrics, September 1, 2020 Ren, Ronggin, Pathology, September 1, 2020 Reynolds, Maegan, Pediatrics, September 1, 2020 Robinson, Monica, School of Health and Rehabilitation Sciences, September 1, 2020 Rohl, Jacqueline, Obstetrics and Gynecology, September 1, 2020 Rosen, Maggie, Obstetrics and Gynecology, September 1, 2020 Rosenberg, Nathan, Physical Medicine and Rehabilitation, September 1, 2020 Ruff, Gabrielle, Internal Medicine, September 1, 2020 Rupert Jr, Robert, Internal Medicine, September 1, 2020 Rushing, Amy, Surgery, September 1, 2020 Ryan, Eileen, Psychiatry and Behavioral Health, September 1, 2020 Ryan, James, Internal Medicine, September 1, 2020 Ryan, Laura, Internal Medicine, September 1, 2020 Sabanayagam, Aarthi, Internal Medicine, September 1, 2020 Saha, Dipanwita, Pediatrics, September 1, 2020 Sahlani, Lydia, Emergency Medicine, September 1, 2020 Saigal, Taru, Internal Medicine, September 1, 2020 Schwartz, Nadine, Psychiatry and Behavioral Health, September 1, 2020 Severyn, Steven, Anesthesiology, September 1, 2020 Shah, Harsh, Internal Medicine, September 1, 2020 Shah, Hiral, Internal Medicine, September 1, 2020 Shanks, Vanessa, Pediatrics, September 1, 2020

May 31, 2019

Shannon, Tracy, Physical Medicine and Rehabilitation, September 1, 2020 Shen, Rulong, Pathology, September 1, 2020 Shepherd, Edward, Pediatrics, September 1, 2020 Shilo, Konstantin, Pathology, September 1, 2020 Skinner, Carmen, Internal Medicine, September 1, 2020 Smith, Jimmy, Internal Medicine, September 1, 2020 Smith, Thomas, Anesthesiology, September 1, 2020 Snyder, Andrea, Obstetrics and Gynecology, September 1, 2020 Sofowora, Gbemiga, Internal Medicine, September 1, 2020 Soma, Loriana, Obstetrics and Gynecology, September 1, 2020 Song, Eunkyung, Pediatrics, September 1, 2020 Sopkovich, Jennifer, Internal Medicine, September 1, 2020 Spain, James, Radiology, September 1, 2020 Sribnick, Eric, Neurological Surgery, September 1, 2020 Sriram, Srinath, Internal Medicine, September 1, 2020 Stevens, Justin, Radiology, September 1, 2020 Stewart, Claire, Pediatrics, September 1, 2020 Stiver, Corey, Pediatrics, September 1, 2020 Strobel, Sebastian, Internal Medicine, September 1, 2020 Strothman, Kasey, Pediatrics, September 1, 2020 Suarez, Adrian, Pathology, September 1, 2020 Sweet, Kevin, Internal Medicine, September 1, 2020 Talley, Reginald, Physical Medicine and Rehabilitation, September 1, 2020 Thornton, Leah, Anesthesiology, September 1, 2020 Tong, Matthew, Internal Medicine, September 1, 2020 Trout, Wayne, Obstetrics and Gynecology, September 1, 2020 Troyer, Mark, Internal Medicine, September 1, 2020 Truxal, Kristen, Pediatrics, September 1, 2020 Tsao, Chang-Yong, Pediatrics, September 1, 2020 Vallakati, Aiav, Internal Medicine, September 1, 2020 VanDeusen, Jeffrey, Internal Medicine, September 1, 2020 Vaughan, Geoffrey, Internal Medicine, September 1, 2020 Vaz, Karla, Pediatrics, September 1, 2020 Villella, Anthony, Pediatrics, September 1, 2020 Walrod, Bryant, Family Medicine, September 1, 2020 Waterman, Brittany, Internal Medicine, September 1, 2020 Watson, Joshua, Pediatrics, September 1, 2020 Weaver, Lindy, School of Health and Rehabilitation Sciences, September 1, 2020 Weed, Harrison, Internal Medicine, September 1, 2020 Wells, Michael, Ophthalmology and Visual Science, September 1, 2020 Werman, Howard, Emergency Medicine, September 1, 2020 Williams, JoAnna, Pathology, September 1, 2020 Wininger, David, Internal Medicine, September 1, 2020 Wood, Joel, Family Medicine, September 1, 2020 Wood, Richard, Surgery, September 1, 2020 Yearsley, Martha, Pathology, September 1, 2020 Yee, Jennifer, Emergency Medicine, September 1, 2020 Yin, Ming, Internal Medicine, September 1, 2020 Young, James, Psychiatry and Behavioral Health, September 1, 2020 Zmuda, Erik, Pathology, September 1, 2020 Zollo, Joseph, Psychiatry and Behavioral Health, September 1, 2020

May 31, 2019

# COLLEGE OF MEDICINE RESEARCH

# REAPPOINTMENT

Carley, Andrew, Internal Medicine, September 1, 2020 Chen, Xiaodong, Surgery, September 1, 2020 Chung, Sangwoon, Internal Medicine, September 1, 2020 Cooper, Jennifer, Pediatrics, September 1, 2020 Hade, Erinn, Biomedical Informatics, September 1, 2020 Koboldt, Daniel, Pediatrics, September 1, 2020 Li, Haichang, Surgery, September 1, 2020 Rausch, Joseph, Pediatrics, September 1, 2020 Wei, Lai, Biomedical Informatics, September 1, 2020 Yu, Lianbo, Biomedical Informatics, September 1, 2020 Zhu, Qianzheng, Radiology, September 1, 2020

## COLLEGE OF NURSING

PROMOTION TO PROFESSOR Anderson, Cindy, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Kue, Jennifer, May 30, 2019

## COLLEGE OF NURSING CLINICAL

<u>REAPPOINTMENT</u> Warren, Barbara, September 1, 2020

# COLLEGE OF OPTOMETRY

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Dougherty, Bradley, May 30, 2019 Plageman Jr., Timothy, May 30, 2019

## COLLEGE OF OPTOMETRY CLINICAL

<u>REAPPOINTMENT</u> Wagner, Heidi, September 1, 2020 Woodruff, Christopher, September 1, 2020

## COLLEGE OF PHARMACY

PROMOTION TO PROFESSOR Fuchs, James, May 30, 2019 Govindarajan, Rajgopal, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Rakotondraibe, Harinantenaina, May 30, 2019

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May 31, 2019

May 31, 2019

#### COLLEGE OF PHARMACY CLINICAL

PROMOTION TO PROFESSOR-CLINICAL Casper, Kristin, May 30, 2019 Rodis, Jennifer, May 30, 2019 REAPPOINTMENT Mehta, Bella, September 1, 2020 Worley, Marcia, September 1, 2020

# COLLEGE OF PUBLIC HEALTH

PROMOTION TO PROFESSOR Anderson, Sarah, May 30, 2019 Seiber, Eric, May 30, 2019

#### COLLEGE OF PUBLIC HEALTH CLINICAL

PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL AND REAPPOINTMENT Robbins, Julie, May 30, 2019, and September 1, 2020

<u>REAPPOINTMENT</u> Odei, James, September 1, 2020

# COLLEGE OF SOCIAL WORK

PROMOTION TO PROFESSOR WITH TENURE Denby-Brinson, Ramona, effective September 1, 2019 Rehner, Timothy, effective April 1, 2019

#### UNIVERSITY LIBRARIES

#### PROMOTION TO PROFESSOR Reese, Terry, May 30, 2019

# COLLEGE OF VETERINARY MEDICINE

PROMOTION TO PROFESSOR Davis, Ian, Veterinary Biosciences, May 30, 2019 Kisseberth, William, Veterinary Clinical Sciences, May 30, 2019

PROMOTION TO ASSOCIATE PROFESSOR WITH TENURE Bowman, Andrew, Veterinary Preventive Medicine, May 30, 2019 Proudfoot, Kathryn, Veterinary Preventive Medicine, May 30, 2019 Ricco Pereira, Carolina, Veterinary Clinical Sciences, May 30, 2019

TENURE [AT THE CURRENT RANK OF ASSOCIATE PROESSOR] Marsh, Antoinette, Veterinary Preventive Medicine, May 30, 2019

May 31, 2019

## COLLEGE OF VETERINARY MEDICINE CLINICAL

# PROMOTION TO PROFESSOR-CLINICAL AND REAPPOINTMENT

Coble, Dondrae, Veterinary Preventive Medicine, May 30, 2019, an, September 1, 2020 Coutinho da Silva, Marco, Veterinary Clinical Sciences, May 30, 2019, and September 1, 2020 Freed, Carrie, Veterinary Preventive Medicine, May 30, 2019, and September 1, 2020 Langston, Catherine, Veterinary Clinical Sciences, May 30, 2019, and September 1, 2020 Niehaus, Andrew, Veterinary Clinical Sciences, May 30, 2019, and September 1, 2020

# PROMOTION TO ASSOCIATE PROFESSOR-CLINICAL AND REAPPOINTMENT

Barrett, Susan, Veterinary Clinical Sciences, May 30, 2019, and September 1, 2020 Cianciolo, Rachel, Veterinary Biosciences, May 30, 2019, and September 1, 2020 Knoblaugh, Susan, Veterinary Biosciences, May 30, 2019, and September 1, 2020 Yaxley, Page, Veterinary Clinical Sciences, May 30, 2019, and September 1, 2020

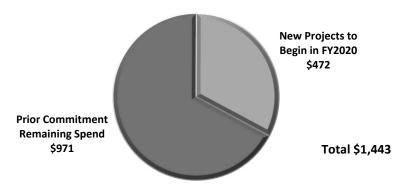
REAPPOINTMENT

Hickman-Davis, Judy, Veterinary Preventive Medicine, September 1, 2020 Jennings, Ryan, Veterinary Biosciences, September 1, 2020 Schroeder, Eric, Veterinary Clinical Sciences, September 1, 2020 Yardley, Jonathan, Veterinary Clinical Sciences, September 1, 2020

Appendix LV

# Interim FY2020-24 Capital Investment Plan

(\$ Millions)





| Line | Capital Priority                                    | Pr    | Total  |        |        |        |       |
|------|---|-------|--------|--------|--------|--------|-------|
| Line |   |       | FY2021 | FY2022 | FY2023 | FY2024 | TOLAI |
| 1    | Athletics - Covelli Multi-Sport Arena               | 6.3   | 2.4    |        |        |        | 8.7   |
| 2    | Cannon Drive Relocation - Phase I                   | 5.9   | 1.3    |        |        |        | 7.2   |
| 3    | Postle Partial Replacement                          | 48.7  | 21.7   |        |        |        | 70.4  |
| 4    | Ohio Stadium Upgrades                               | 5.8   | 0.7    |        |        |        | 6.4   |
| 5    | Wooster - New Laboratory Building                   | 17.8  | 10.2   | 0.8    |        |        | 28.8  |
| 6    | OSU East - West Wing Expansion/Renovation           | 15.9  | 5.5    |        |        |        | 21.5  |
| 7    | Campus Wi-Fi System                                 | 8.1   | 5.6    | 0.2    |        |        | 13.8  |
| 8    | A&S - Celeste Teaching Labs Renovations             | 6.3   | 7.9    | 7.9    | 6.4    |        | 28.5  |
| 9    | Athletics - Indoor Tennis Center                    | 6.8   | 9.6    | 4.9    |        |        | 21.3  |
| 10   | Engineering - Advanced Materials Corridor           | 28.0  | 16.1   | 1.3    |        |        | 45.4  |
| 11   | FAES - Controlled Env. Food Prd Research            | 17.4  | 4.6    |        |        |        | 22.0  |
| 12   | FOD - Cannon Ph 2 - (additional design funding)     | 1.6   | 1.9    | 1.5    | 0.5    |        | 5.5   |
| 13   | FOD - RDM Instructional Sciences                    | 1.0   | 6.8    | 8.8    | 8.4    |        | 25.0  |
| 14   | Newark - Science & Technology Bldg                  | 8.2   | 10.7   | 3.4    |        |        | 22.3  |
| 15   | Nursing - Newton Building Addition                  | 2.4   | 8.6    | 11.5   | 1.6    |        | 24.1  |
| 16   | TTM - Service Annex Building Renovation             | 3.9   | 2.7    |        |        |        | 6.6   |
| 17   | Arts District (design)                              | 6.8   |        |        |        |        | 6.8   |
| 18   | Interdisciplinary Research Center (design)          | 12.1  |        |        |        |        | 12.1  |
| 19   | Interdisciplinary Health Sci Center (design)        | 13.6  |        |        |        |        | 13.6  |
| 20   | Interdisciplinary Health Sci + Opt Clinic           | 19.0  | 12.7   | 2.6    |        |        | 34.3  |
| 21   | Inpatient Hospital (design)                         | 28.3  |        |        |        |        | 28.3  |
| 22   | WMC - Regional Ambulatory Site 1 Hamilton Road      | 25.4  | 25.4   | 26.8   | 6.8    |        | 84.4  |
| 23   | WMC - Ambulatory West Campus (design)               | 7.7   | 7.7    | 6.3    |        |        | 21.7  |
| 24   | WMC - Inpatient Hospital - Central Sterile Supply   | 23.1  | 15.9   | 3.1    |        |        | 42.1  |
| 25   | WMC - Inpatient Hospital - Garage, Infrast. & Roads | 28.1  | 33.1   | 21.8   | 4.5    |        | 87.5  |
| 26   | WMC - Ambulatory Dublin (design)                    | 4.0   |        |        |        |        | 4.0   |
| 27   | Energy Advancement and Innovation Center (design)   | 3.0   |        |        |        |        | 3.0   |
| 28   | Roll-up of Small Projects                           | 141.8 | 97.1   | 35.6   | 1.6    |        | 276.1 |
|      | Totals  | 496.8 | 308.3  | 136.5  | 29.7   | 0.0    | 971.3 |

May 30, 2019

# Interim FY2020-24 Capital Investment Plan

# Table 2 - New Projects Beginning in FY2020

| Line  | Capital Priority                                    |        | Total  |        |        |        |       |  |
|-------|---|--------|--------|--------|--------|--------|-------|--|
| LIIIE | Capital Fliolity                                    | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | Total |  |
| 1     | Small Programmatic Cash-Ready Projects              | 1.4    | 16.5   | 10.1   | 0.7    |        | 28.7  |  |
| 2     | Anticipated Spend for CIP Additions/Changes         | 0.4    | 8.9    | 0.7    |        |        | 10.0  |  |
| 3     | WMC - Roll-up of Multiple Cash-Ready Projects       | 152.6  |        |        |        |        | 152.6 |  |
| 4     | Roll-up of Small Infrastructure/RDM Projects        | 0.6    | 11.4   | 7.0    | 0.5    |        | 19.5  |  |
| 5     | A&S - Arts District Phase 1 (const.)                | 18.1   | 43.5   | 43.5   | 38.2   | 1.7    | 145.0 |  |
| 6     | Newark - Science & Technology Bldg (Third Floor)    | 2.4    | 5.8    | 1.2    |        |        | 9.4   |  |
| 7     | Pharmacy - Parks Hall Fume Hood Renovations         | 0.2    | 2.5    | 4.0    | 0.3    |        | 7.0   |  |
| 8     | SL - Housing - Columbus R&R & Minor Capital FY 2020 | 0.3    | 4.9    | 8.0    | 0.7    |        | 13.9  |  |
| 9     | SL - Housing - Taylor Public Space Renovation       | 0.2    | 1.3    | 3.8    | 3.9    | 1.8    | 11.0  |  |
| 10    | VetMed - Vet Community Practice Hosp. and Learning  | 0.3    | 2.1    | 6.1    | 6.2    | 2.8    | 17.5  |  |
| 11    | WMC - Ambulatory Dublin (design 2)                  | 2.0    | 5.0    | 1.0    |        |        | 8.0   |  |
| 12    | WMC - Ambulatory Hamilton Road (const. 2)           | 6.7    | 16.1   | 15.8   | 4.3    |        | 42.9  |  |
| 13    | WMC - Ambulatory West Campus (enabling)             | 0.3    | 5.9    | 0.4    |        |        | 6.6   |  |
|       | Totals  | 185.5  | 123.9  | 101.6  | 54.8   | 6.3    | 472.1 |  |

# Table 3 - Funding for New Projects Beginning in FY2020 by Unit Type

|      | ]                            |                  | Funding Sources |                  |      |      |      |                 |       |                 |       |          | Totals by |    |       |           |
|------|------------------------------|------------------|-----------------|------------------|------|------|------|-----------------|-------|-----------------|-------|----------|-----------|----|-------|-----------|
| Line | Unit Type                    | Local<br>Funding |                 | State<br>Capital |      | Debt |      | Fund<br>Raising |       | CEMP<br>Capital |       | Partners |           | -  |       | % by Unit |
| 1    | Academic/Academic<br>Support | \$               | 60.1            | \$               | -    | \$   | 25.0 | \$              | 79.0  | \$              | 68.1  | \$       | -         | \$ | 232.2 | 49.2%     |
| 2    | Student Life                 | \$               | 30.1            | \$               | -    | \$   | -    | \$              | -     | \$              | -     | \$       | -         | \$ | 30.1  | 6.4%      |
| 3    | Athletics                    | \$               | 12.6            | \$               | -    | \$   | -    | \$              | -     | \$              | -     | \$       | -         | \$ | 12.6  | 2.7%      |
| 4    | Infrastructure               | \$               | 6.7             | \$               | -    | \$   | -    | \$              | -     | \$              | -     | \$       | -         | \$ | 6.7   | 1.4%      |
| 5    | Wexner Medical Center        | \$               | 177.0           | \$               | -    | \$   | -    | \$              | 13.5  | \$              | -     | \$       | -         | \$ | 190.5 | 40.4%     |
| Тс   | otals by Funding Source      | \$               | 286.5           | \$               | -    | \$   | 25.0 | \$              | 92.5  | \$              | 68.1  | \$       | -         | \$ | 472.1 |           |
|      | % by Funding Source          |                  | 60.7%           |                  | 0.0% |      | 5.3% |                 | 19.6% |                 | 14.4% |          | 0.0%      |    |       |           |

# Appendix LVI

The Ohio State University Board of Trustees May 30, 2019

# BACKGROUND

**TOPIC:** Modification of benchmark weighting for certain asset classes for the Long-Term Investment Pool ("LTIP").

**CONTEXT:** Prior to FY10, the Long-Term Investment Pool was managed by the university treasurer. The Office of Investments began professional management of the LTIP in FY10, pursuing a more diversified strategy designed to generate steady growth over the long term while mitigating downside risk. The Long Term Investment Pool (LTIP) is valued at \$5.28 billion as of April 30, 2019. The investment objective is to generate an annual real total return (net of investment management fees) of at least +5.0%, with a +8.0% nominal return objective, utilizing a prudent level of risk.

**SUMMARY:** The LTIP annual distribution supports less than 3 percent of Ohio State's annual operating budget, which permits a long-term investment strategy approach. As stated in the Investment Policy, "Asset allocation is thought to be the largest contributor to overall LTIP return performance and risk characteristics."

The Board of Trustees approved the asset allocation and guidelines for the LTIP in April 2009 to coincide with the establishment of the Office of Investments. The asset allocation and guidelines were further revised in 2013 when we created a comprehensive Investment Policy. In 2014, the board revised the asset classes and related benchmarks and benchmark weighting to its current targets:

| Asset Class     | Range  | Benchmark                           | LTIP Benchmark Weighting |
|-----------------|--------|-------------------------------------|--------------------------|
| Global Equities | 40-80% | MSCI All Country World Index (ACWI) | 60%                      |
| Global Credit   | 10-50% | Barclays U.S. Aggregate Bond Index  | 30%                      |
| Real Assets     | 5-20%  | U.S. Consumer Price Index (CPI) +5% | 10%                      |

Over time, illiquid investments have provided superior returns when compared to publicly-traded marketable securities and will be an important part of the LTIP's asset allocation going forward. The LTIP's illiquid investments will include buyouts, venture capital, private credit, real estate and infrastructure. These investments are usually held in 10-year limited partnership structures, where the investments are made over the first four to five years and sold over the remaining term.

In the last 15-year and 20-year time periods, both venture capital and buyouts outperformed the public market equity benchmark MSCI All Country World Index (ACWI). In the most recent five- and 10-year periods, venture capital outperformed in both periods. Buyouts outperformed in the five-year period but not in the 10-year period.

Over the last five, 10, 15 and 20 years, in all periods, the top quartile endowments were overweight the mean holding of illiquid investments by greater than 4% in three of the periods and 3% in the 10-year period. The top five performing endowments in each of the periods had an even greater allocation to illiquids. Long-term, forward-looking return forecasts for both buyouts and venture capital have the highest expected real compounded returns of +8.1% and +7.6% compared to the liquid public equity markets of +5.7% for U.S. equities and +5.3% for international developed equity.

Currently, the illiquid allocation is 29.1% of the LTIP moving to a long-term target of 38%. It takes years to prudently build a cross section of vintage year buyout and venture capital portfolios with top tier general partners. The top performing endowments established relationships years ago and have mature portfolios. Each illiquid asset type has its own individual target and pace to reach its investment allocation over time.

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The LTIP's asset allocation benchmark weighting target policy should be changed effective July 1, 2019 as follows:

| Asset Class     | Current LTIP Benchmark Weighting | Proposed LTIP Benchmark Weighting |
|-----------------|----------------------------------|-----------------------------------|
| Global Equities | 60%                              | 65%                               |
| Global Credit   | 30%                              | 25%                               |
| Real Assets     | 10%                              | 10%                               |

In order to achieve this new target asset allocation benchmark weighting, we will increase our exposure to illiquid investments over time from the current 29.1% to a target of 38% of the overall portfolio. At June 2018, the mean equity exposure of the over \$1 billion endowment and university peer group is 69% (including natural resources).

**REQUESTED OF THE FINANCE COMMITTEE:** Approval of the resolution.

{00362880-2}

# Appendix LVII

# The Ohio State University Board of Trustees Finance Committee May 31, 2019

# TOPIC:

Continuation of tuition waiver for students participating in study abroad programs through a third-party provider or direct enrollment. This waiver has been in effect since fiscal 2015.

# CONTEXT:

Ohio State students are involved in three types of approved study abroad programs:

- Reciprocal Exchange Programs
  - Formal university-level agreement with a foreign university where students from one university study at the other and vice versa
  - o Students pay tuition to their home institution only
- Ohio State Sponsored Programs
  - Programs designed by Ohio State faculty
  - Students are enrolled for graded Ohio State credit and pay tuition and fees to Ohio State
- Third Party Provider/Direct Enroll Programs
  - Programs that have been approved by Ohio State but are offered by another university or provider
  - Students enroll at and pay fees to the other university or provider. (To maintain access to financial aid, a student must also enroll at Ohio State for graded academic credit.)

Before the university implemented a tuition waiver in fiscal year 2015, students participating in study abroad programs through third-party providers or direct enroll programs were required to pay the tuition or charge for these programs — in addition to Ohio State tuition and fees if they wished to remain enrolled at the university.

As a result, students either paid two tuition payments for the term (one to the host institution and one to Ohio State) or they de-enrolled from Ohio State during the time they were involved in study abroad. De-enrollment was not an option for those utilizing financial aid. De-enrolling also caused students to be "off our radar," inhibiting Ohio State's ability to provide assistance in the case of situations such as natural disasters and medical emergencies.

On April 4, 2014, the Board of Trustees approved the establishment of a waiver of tuition and fees for students enrolled in these programs and the establishment a fee of \$400 for program services. The board-approved tuition waiver was submitted to the state in accordance with procedures established by the Ohio Department of Higher Education, and approved on August 6, 2014. This waiver was renewed by the Board of Trustees and the state in 2016.

It must be renewed every two years to remain in effect.

We are requesting approval of the enclosed resolution approving the continuation of the tuition and fee waiver for third-party provider/direct enroll programs.

# Appendix LVIII

The Ohio State University Board of Trustees May 31, 2019

# BACKGROUND

**TOPICS:** Annual resolution to authorize the university treasurer and/or the university senior vice president for business and finance to undertake a variety of financial transactions on behalf of the university.

**CONTEXT:** This annual resolution is required by the institutions with which the university does business. There are no changes from last year's annual resolution.

**SUMMARY:** This resolution will continue the current policies that authorize the university treasurer and/or senior vice president for business and finance or their designees to provide oversight and signature authority over the function of buying, selling, and transferring of stocks, bonds, and other financial instruments. The resolution continues the authorization that allows the university treasurer and/or senior vice president for business and finance or their designees to designate depositories and custodians and to open and maintain accounts at various financial institutions. It allows the university treasurer or the treasurer's designees be authorized to enter into agreements with institutions providing financial products and services on behalf of the university. In addition, the university treasurer and/or senior vice president for business and finance or their designees retain the authorization to sign agreements for bank financing, underwriting, brokerage, leasing, equipment financing, deposits, foreign currency exchange, hedging vehicles including forwards, futures, swaps and options, and other financial advisory services. The resolution also will continue the current authorization that allows the university treasurer and/or senior vice president for business and finance or their designees to enter into insurance-related agreements which includes emergency response service agreements.

**REQUESTED OF THE FINANCE COMMITTEE:** Approval of the resolution.

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Appendix LIX



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Board of Trustees

# BYLAWS OF THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY

Updated: August 28, 2015

# Chapter 3335-1

# 3335-1-01 Meetings of the board of trustees.

- (A) Regular meetings. Unless otherwise specified by the chair, there shall be at least <u>five-four</u> regular meetings of the board of trustees each year. At such meetings any business related to the authority of the board of trustees may be discussed and transacted.
- (B) Special and emergency meetings. Special and emergency meetings of the board of trustees shall be held upon call of the chair on his or her own initiative, or upon written request of five members of the board to the secretary. A specific statement of purpose for the special or emergency meeting shall be provided in accordance with state law.
- (C) Notice of meetings. Unless otherwise specified, all meetings of the board shall be held at the Columbus campus of the Ohio state university at such date and time as is designated in the notice of meeting. Public notice of all meetings shall be given in accordance with the requirements of section 121.22 of the Revised Code. Any person may obtain information regarding the time, date, and location of all meetings by contacting the office of university communications or by visiting http://trustees.osu.edu.
- (D) Order of business. Unless otherwise indicated in the meeting agenda, the order of business at all meetings of the board shall be as follows:
  - (1) Roll call.
  - (2) Consideration of minutes of preceding meeting.
  - (3) Report of the president of the university.
  - (4) Report of committees of board of trustees.
  - (5) Unfinished business.
  - (6) New business.
  - (7) Consideration and approval of action items.
  - (8) Adjournment.
- (E) Quorum and manner of acting.
  - (1) A majority of the voting members of the board or a committee of the board shall be present in person at any meeting of the board or the committee in order to constitute a quorum for the transaction of business at such meeting.

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- (2) Except as otherwise provided in paragraph (E)(3) of this rule, the act of the majority of the voting members present at any such meeting at which a quorum is present shall be the act of the board of trustees or its committees. In the absence of a quorum, a majority of those present may adjourn the meeting from time to time until a quorum is had. Notice of any adjourned meeting need not be given.
- (3) The concurrence of a majority of all of the board members shall be necessary to elect or to remove the president, or adopt, amend, or repeal a bylaw of the board of trustees.
- (4) A roll call vote is necessary when electing or removing a president and when acting on motions involving the expenditure of university funds. On all other matters a voice vote shall <u>may</u> be conducted <u>instead</u>.
- (F) Parliamentary authority. Robert's Rules of Order, Newly Revised (most recent edition), shall be accepted as authority on all questions of parliamentary procedure not determined by these bylaws or provisions of the Ohio Revised Code.
- (G) Attendance. Consistent with the expectations set forth in section 3.17 of the Revised Code, every voting member of the board, the Wexner medical center board, and/or one of their committees shall, except for extraordinary reasons, attend all meetings of the board and/or their committees. When a voting member of the board or one of its committees cannot attend, the individual will so inform the chair with as much advance notice as possible and provide an explanation for the absence.
- (H) Executive session. Subject to the requirements of Ohio law, the board or a committee of the board may hold any portion of a regular, special or emergency meeting in executive session with participation limited to voting members of the board or the committee of the board. Other individuals may be invited to attend any or all portions of an executive session as deemed necessary by the board chair or committee chair.

(Board approval dates: 2/6/1987, 10/1/1999, 7/11/2008, 8/28/2015)

# 3335-1-02 Members, officers and committees of the board.

- (A) Members of the board of trustees.
  - (1) The board of trustees of the Ohio state university shall, as provided in section 3335.02 of the Revised Code, be comprised of seventeen trustees, including two student trustees, who shall be appointed by the governor, with advice and consent of the senate, with terms of office as articulated in the Ohio Revised Code.
  - (2) Student trustees. Student trustees shall be permitted to participate in all discussion and deliberations of the board, including attending executive sessions.
  - (3) Charter trustees. In order to take advantage of the diverse cultural, geographic, business, professional, public service and civic backgrounds, talents and experiences of friends and alumni of the Ohio state university who do not live in the state of Ohio, the position of charter trustee has been established, in accordance with the following guidelines:
    - (a) Charter trustees shall be non-Ohio residents and shall be chosen on the basis of the following attributes: Ohio state university alumna/alumnus or friend of the university; success in his or her chosen field or profession; state, national, or international prominence; ability to advocate for higher education; and willingness and ability to offer counsel.

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- (b) There shall be no more than three positions of charter trustee.
- (c) Each charter trustee shall be appointed for a three-year term, commencing on May fourteenth and expiring on May thirteenth, and shall be eligible to serve a second consecutive three-year term.
- (d) Charter trustees shall have no voting privileges on the board of trustees, shall not be considered in determining whether a quorum is present, and shall not be eligible to be officers of the board, but will otherwise participate in all activities of the board, including membership on committees. Charter trustees who are members of board committees shall have voting privileges on those committees and shall be eligible to serve as committee chair or vice chair.
- (e) Charter trustees shall be nominated by the governance committee and shall be appointed, and may be removed, by a vote of the board. Upon such appointment, the chair shall cause a letter of appointment to be delivered to the charter trustee, and a copy of the letter shall be delivered to the governor.
- (4) Ethics and conflicts of interest. All trustees shall follow the protections of the public set forth in Chapter 102, sections 2921.42 and 2921.43 of the Revised Code. In addition, the board of trustees shall adopt and periodically review a policy on ethics and conflicts of interest to govern all members of the board of trustees, Wexner medical center board and their committees.
- (5) Statement of expectations. The board of trustees shall adopt and periodically review a board statement of expectations, which shall address such topics as comportment among board members, with the university president and other internal constituents, and with external constituents.
- (6) Indemnification. Trustees, charter trustees, and non-trustee committee members shall be entitled to legal defense and indemnification against any claims or liabilities which might arise from the performance of their duties on behalf of the Ohio state university to the fullest extent permitted by Ohio law.
- (7) Reimbursement of expenses. All trustees, charter trustees, and non-trustee committee members shall be entitled to reimbursement for reasonable travel expenses incurred in attending meetings of a committee or of the board of trustees, or other meetings as a representative of the board, in accordance with university policy and Ohio law.
- (B) Officers
  - (1) Number. The officers of the board shall be a chair, one or more vice chairs, and a secretary. No officer of the board shall, at the same time, hold more than one board office. The board may elect such other officers as the board may deem necessary with such authority and responsibility as delegated to them by the board.
  - (2) Chair. The chair shall preside at all meetings of the board. Unless otherwise directed by the board, the chair shall have the authority to appoint members of and to fill vacancies on all standing and ad hoc committees and shall serve as an ex-officio member of all standing and ad hoc committees. Subject to these bylaws, the chair shall fix the date and time of all regular, special, and emergency meetings, shall sign the journal of all proceedings of the board, and perform such other duties as may pertain to this office.
  - (3) Vice chair. At the request of or in the absence or incapacity of the chair, the vice chair shall perform all the duties of the chair and, while so acting, shall have all the powers and authority

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of, and be subject to all the restrictions upon, the chair. In the event that there are multiple vice chairs, these powers and duties shall devolve upon the senior vice chair, based on length of service on the board, unless otherwise indicated by the board. In addition, the vice chair shall perform such other duties as may be assigned to him or her by the board or by the chair.

- (4) Secretary. Under the direction of the president and with the approval of the board of trustees, the secretary of the board of trustees shall:
  - Be the custodian of and responsible for the preservation of all official records of the board;
  - (b) Be the custodian of the university seal and cause its imprint to be placed whenever and wherever appropriate;
  - (c) Keep the minutes of all meetings of the board and of committees of the board;
  - (d) Perform all other duties customary to the office or assigned by the chair or the board.

In the absence of the secretary, the associate secretary shall perform the duties of the secretary of the board and all official actions taken by the associate secretary shall be deemed authorized and approved by the board of trustees.

- (5) Election, term of office, and qualifications.
  - (a) The officers of the board shall be elected annually by the board and shall take office at the adjournment of the <u>April\_final meeting of the fiscal year ending June 30</u>. meeting of the board, or on April first if there is no April board meeting. They shall hold their office through the following <u>final fiscal year meeting April meeting</u> of the board of trustees or until their successors are elected and qualified, so long as they shall continue to be eligible to serve as officers.
  - (b) The chair and the vice chair must be members of the board of trustees. The qualifications of all other officers shall be determined by the board.
  - (c) The chair shall be elected to a one-year term, and may serve up to three consecutive terms as chair. Before the end of each term, the governance committee shall conduct a review of the chair, and after consultation with the members of the board, shall recommend to the board whether the chair should be reelected for an additional term.
  - (d) The vote of a majority of all trustees then in office shall be necessary to elect or remove an officer of the board.
- (C) Committees of the board.
  - (1) Standing committees of the board, the members of which shall be appointed annually by the chair, shall be constituted, and shall consider and make recommendations for action by the board on the various matters as enumerated <u>below</u>:
    - (a) Academic affairs and student life committee. The academic affairs and student life committee shall consider and make recommendations to the board regarding matters pertaining to the teaching, research, and public service programs of the university and its faculty, staff, and students. Matters to be brought before the committee may include, but shall not be limited to: faculty and staff matters;

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educational policy; academic structure and organization; student welfare and housing; collective bargaining; university faculty and student rules; conferring of degrees, certificates, awards, and other honors; the university system of Ohio; regional campuses; the Ohio agricultural research and development center; agricultural technical institute; the university's <u>extension\_land-grant\_mission</u> and <u>extension</u> programs; athletics; and any other matter assigned to the committee by the board or the chair of the board.

In addition to trustees appointed to the committee, the committee shall also consist of at least one student trustee, one member of the university faculty, and up to two additional non-trustee members.

(b) Finance committee. The finance committee shall consider and make recommendations to the board regarding matters pertaining to the financial, business, and administrative management of the university. Matters to be brought before the committee may include, but shall not be limited to: capital and operating budgets and policies; issuance of debt; tuition and fees; university master planning; development and maintenance of facilities; real property matters; security and safety of the campuses; purchasing policies; self-insurance trust; the research foundation; commercialization; managed health care systems; and any other matter assigned to the committee by the board or the chair of the board.

In addition to trustees appointed to the committee, the committee shall also consist of at least one student trustee and up to three additional non-trustee members.

All individual trustees shall be appointed to either the finance committee or academic affairs and student life committee in approximately even distribution.

(c) Audit and compliance committee. The audit and compliance committee shall consider and make recommendations to the board regarding matters pertaining to auditing of university and related entity operations and oversight of compliance functions. Matters to be brought before the committee may include, but shall not be limited to: internal audit policies, plans, and reports; financial statements; internal financial control systems; oversight and monitoring of compliance programs and activities; enterprise risk management systems and business continuity planning; approval and monitoring of affiliated entities; selection of, and receiving reports from, independent auditors (in conjunction with the auditor of state); and any other matter assigned to the committee by the board or the chair of the board.

The committee shall consist of at least five trustees and up to three additional non-trustee members.

(d) Advancement committee. The advancement committee shall consider and make recommendations to the board on regarding matters of policy and strategy pertaining to the university-wide integration of fund-raising, alumni relations, communications, marketing and related efforts (known as advancement) to foster positive relationships with students, alumni, and other key audiences; provide multiple opportunities for engagement; and generate involvement with and support for the mission of the university. The committee shall advise relevant university officers and monitor progress, performance, and the integration of fund-raising efforts, alumni relations, communications and marketing strategies. Matters to be brought before the committee may include, but shall not be limited to: fundraising and development policies; capital campaigns; acceptance of gifts; relations with and activities of the university foundation, Wexner center foundation, and other related organizations;

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naming of university buildings and other spaces; and any other matter assigned to the committee by the board or the chair of the board.

The committee shall consist of at least five trustees, two members of the alumni association governing board, and two members of the university foundation board. The alumni association shall nominate its representatives for a one-year appointment, renewable for up to three years, and forward those nominations to the chair of the board. The university foundation board shall nominate its representatives for a one-year appointment, renewable for up to three years, and forward those nominations to the chair of the chair of the board. Additional non-trustee members may be appointed to ensure expertise in the areas for concentration for this committee.

(e) Governance committee. The governance committee shall consider and make recommendations to the board regarding matters pertaining to the organization of the board and involvement and role of trustees. Matters to be brought before the committee may include, but shall not be limited to: the board's structure and operation; matters related to the trustee and charter trustee selection process; trustee orientation; review of the chair of the board; expectations regarding trustee comportment; organization of the board office; and any other matter assigned to the committee by the board or the chair of the board.

The committee shall consist of at least five trustees, including one of the student trustees.

(f) Talent and compensation committee. The talent and compensation committee shall provide oversight and counsel to the president regarding matters related to the senior leadership of the university, as determined by the board and the president. Matters to be brought before the committee may include, but shall not be limited to: roles and responsibilities of senior leadership positions; position specifications and necessary qualifications; compensation strategy and comparative data; transition plans; and any other matter assigned to the committee by the board or the chair of the board.

The committee shall consist of at least three five trustees, including one of the student trustees.

(g) Master planning and facilities committee. The master planning and facilities committee shall consider and make recommendations to the board regarding the university's physical environment to ensure they enable and advance the university's academic mission and strategic goals; review and recommend for approval the planning, design, and construction activity of the university, including the Wexner medical center; serve as stewards of the campus master plans and district plans; and any other matter assigned to the committee by the board or the chair of the board.

The committee shall consist of at least three trustees and no more than three nontrustee committee members, with majority membership by trustees at all time.

(2) The chair and vice chair of each committee of the board shall be trustees or charter trustees.

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(3) The chair of the board shall appoint the chair, vice chair, and other trustee and non-trustee members of each committee. The board or the chair of the board may designate guidelines regarding non-trustee members of committees. Student trustee, charter trustee, and nontrustees committee members shall be voting members of the committees on which they serve.

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- (4) In addition to the committees enumerated in this bylaw, the board or the chair of the board may establish ad hoc committees and appoint the members thereof.
- (5) Committees of the board of trustees have no independent decision-making authority. Any matter or resolution recommended by a committee of the board shall be presented to the board for its consideration.
- (6) Except as provided in paragraph (B)(1) of rule 3335-93-01 of the Administrative Code, no trustee shall, during his or her term in office, serve as a director or officer or in any other capacity of any university affiliated entity or as a director, officer, or member or in any other capacity of any other university or related advisory or governance board, committee, or similar body, unless such service is approved by the chair of the board of trustees.

(Board approval dates: 12/2/1994, 10/1/1999, 10/4/2002, 7/11/2008, 11/7/2008, 4/3/2009, 8/30/2013, 8/28/2015)

## 3335-1-03 Administration of the university.

- (A) The president.
  - (1) The president shall be the chief executive officer of the Ohio state university and shall be responsible for the entire administration of the university, subject to control of the board of trustees. The president shall lead in fostering and promoting education, research and outreach as the primary aims of the university. It shall be the duty of the president to enforce the bylaws, rules and regulations of the board of trustees, and, as a member of the faculty, to interpret to the board proposals and actions of the faculty. The president is hereby clothed with the authority requisite to that end.
  - (2) The president shall be a voting member of all college faculties, of the graduate school faculty, and of the faculty of the arts and sciences, and shall be a voting member and presiding officer of the university faculty and of the university senate. The president shall appoint all committees of the university faculty and of the university senate, unless membership has been designated by rule.
  - (3) After consultation with the steering committee of the university senate, the president may recommend to the board of trustees candidates for honorary degrees. The number of candidates so recommended shall be limited to eight per calendar year. This right and its limitation in no way abrogates the power of the university senate to recommend candidates for honorary degrees (rule 3335-5-41 of the Administrative Code).
- (B) Executive vice president and provost. The executive vice president and provost shall, under the direction of the president, be responsible for and have the requisite authority for the oversight of all academic programs and other instructional and faculty affairs of the university, and shall be the chief operating officer of the university.
- (C) Senior vice president for business and finance and chief financial officer. The senior vice president for business and finance and chief financial officer shall, under the direction of the president, be responsible for and have the requisite authority for the administration of the university's business, financial and administrative operations. The senior vice president for business and finance and chief financial officer shall report to the president and, as appropriate, shall consult with the executive vice president and provost.

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- (D) Faculty and staff. Within parameters set forth by action of the board of trustees, the president and/or his or her designee(s) shall have the authority to appoint and set the compensation for such other administrative officers, faculty and staff as are necessary to carry out effectively the operation of the university and delegate functions to them with the authority necessary for their proper discharge.
- (E) Delegation of authority. Any authority or responsibility of the president may be delegated by the president to any other member of the faculty or staff of the university, subject to any limitations set forth by action of the board of trustees. Although the president may delegate authority to appropriate officials, the president will retain final authority and responsibility for administration of the university. Delegation of major areas of authority or responsibility shall be in writing and shall be reported to the board of trustees prior to implementation.
- (F) President's cabinet. The president shall convene a president's cabinet that will consist of such members as designated by the president. The primary responsibilities of the president's cabinet shall be to provide advice and counsel to the president, to discuss, deliberate and serve as the primary decision-making body on major university policy issues, information sharing, and such other roles as the president shall determine.
- (G) Principal administrative officials. The term "principal administrative official" shall include the members of the president's cabinet, the deans of the colleges and the dean and directors of regional campuses and their designated staffs, the director of the university libraries, chairs of academic departments, directors of schools and academic centers, and such other administrative officials as determined by the president.

(Board approval dates: 7/21/1978, 11/30/1979, 4/4/1980, 3/6/1981, 4/3/1981, 12/10/1981, 5/7/1982, 6/10/1982, 7/9/1982, 4/1/1983, 11/4/1983, 12/5/1986, 2/6/1987, 10/1/1993, 12/2/1994, 10/1/1999, 2/1/2001, 9/6/2002, 12/5/2003, 5/7/2004, 9/22/2004, 12/2/2005, 2/2/2007, 7/11/2008, 10/29/2010, 8/30/2013, 8/28/2015)

# 3335-1-04 University faculty.

- (A) University faculty; membership.
  - (1) As used in <u>these bylaws chapter and in and in the</u> "Rules of the University Faculty," the term faculty shall include persons with regular tenure-track, regular clinical, regular research, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.
  - (2) For purposes of the legislative authority described in paragraph (B) of this rule, the term university faculty shall mean all regular tenure-track faculty, the president, members of the president's cabinet, the deans of the colleges and of the graduate school, the executive dean of the colleges of the arts and sciences, and the dean for undergraduate education.
- (B) University faculty; powers.
  - (1) The legislative authority to establish educational and academic policies of the university is vested in the university faculty, subject to the approval of the board of trustees. In this connection, the university faculty shall have the authority, subject to the approval of the board of trustees, to adopt rules to effectuate the educational and academic policies of the university. It shall also act upon all matters of routine faculty business in pursuance of already established university policies and shall recommend to the board of trustees candidates for honorary degrees.
  - (2) The university faculty may delegate any or all of its authority and responsibility to a university senate if such senate is established by rule and approved by the board.

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- (C) Graduate faculty. There shall be established a graduate faculty with such membership and having such authority and responsibility as provided by rule promulgated by the university faculty or university senate and approved by the board.
- (D) College and department or school faculties. There shall be established college and department or school faculties with such membership and having such authority and responsibility as provided by rule promulgated by the university faculty or university senate and approved by the board.

(Board approval dates: 5/4/1984, 2/6/1987, 4/3/1996, 12/5/2003, 6/7/2005, 7/11/2008, 8/28/2015)

## 3335-1-05 University organization.

- (A) University organization. For the purpose of administering the various programs of the university, there shall be established educational and administrative units within the university. All educational units of the university shall be established, altered, or abolished only on vote of the board of trustees.
- (B) Basic educational organization of the university. The basic organization of the educational units of the university shall be departments, divisions, schools, academic centers, colleges, regional campuses, the graduate school, and the agricultural technical institute.
  - (1) Schools, departments, and divisions. The unit of the university for instruction, research, and extension in a defined field of learning is the school, department, or division.
  - (2) Academic centers. The unit of the university for research, instruction, or related service which crosses department, division, school, or college boundaries is the academic center.
  - (3) Colleges and graduate school. For educational administration the university shall be organized into a graduate school and fifteen colleges. The fifteen colleges are: the college of arts and sciences, the college of food, agricultural, and environmental sciences, the Max M. Fisher college of business, the college of dentistry, the college of education and human ecology, the college of engineering, the Michael E. Moritz college of parmacy, the college of medicine, the college of nursing, the college of optometry, the college of pharmacy, the John Glenn college of public affairs, the college of public health, the college of social work, and the college of veterinary medicine.
  - (4) Graduate school. The graduate school shall consist of: those members of the university faculty who are approved to give graduate instruction; a graduate faculty; the research and graduate council; and an administration composed of a curriculum committee, an executive committee, the dean, the secretary and such other administrative officers as are necessary to carry out the responsibilities of the graduate school.
  - (5) Regional campuses. There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio.
  - (6) Agricultural technical institute. The unit of the university for instruction leading to the associate of applied science degree in the agricultural technologies is the agricultural technical institute (Wooster). Regarding matters of administration and operation, the agricultural technical institute shall function as a school in the college of food, agricultural, and environmental sciences.

(Board approval dates: 2/1/1980, 7/8/1983, 7/12/1985, 6/4/1993, 12/5/2003, 6/7/2005, 7/11/2008, 2/11/2011, 8/28/2015)

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## 3335-1-06 Instruction.

- (A) The university year. The university year shall be divided into two semesters and a summer session with further definition as provided by rule promulgated by the university faculty or university senate and approved by the board.
- (B) Admission requirements. Admission requirements, including admission to advanced standing, for entrance into the university shall be adopted by the board of trustees upon recommendation of the appropriate faculty and the approval of the university senate or the university faculty.
- (C) Courses and curricula. The establishment, alteration and abolition of courses and curricula shall follow the procedures outlined by rule of the university faculty or university senate, as the rule is approved by the board of trustees, and shall be subject to review by the president and by the board (see section 3335.09 of the Revised Code).
- (D) Graduation requirements. The requirements for graduation from the university shall be adopted by the board of trustees upon recommendation of the appropriate faculty and approval of the university senate or the university faculty.
- (E) Degrees and certificates.
  - (1) Degrees and certificates shall be awarded by the board of trustees upon recommendation of the university senate or the university faculty, transmitted to the board by the president.
  - (2) All diplomas issued to those receiving degrees from the university shall be signed by the chair, the secretary of the board of trustees and by the president of the university.

(Board approval dates: 7/6/1984, 7/11/2008, 8/28/2015)

#### 3335-1-08 Miscellaneous.

- (A) Budget. The annual budget, as adopted by the board of trustees and as amended from time to time, shall govern all transactions involving the financial obligations of the university. The budget shall be comprised of classifications in accordance with the budget and financial reporting system adopted by the state of Ohio.
- (B) Appearance before governmental offices, boards and agencies. Subject to specific control by the board of trustees, the preparation and presentation of requests for appropriations from the state of Ohio and all official dealings on behalf of the university with all federal, state and local government offices, boards and agencies shall be under the direction of the president of the university or his or her designee. Unauthorized appearances before federal, state or local government offices, boards and agencies are hereby prohibited.
- (C) Non-discrimination. The Ohio state university is committed to building and maintaining a diverse community to reflect human diversity and improve opportunities for all. The university is committed to equal opportunity and eliminating discrimination. This commitment is both a moral imperative consistent with an intellectual community that celebrates individual differences and diversity, as well as a matter of law. The Ohio state university does not discriminate on the basis of age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, or veteran status in its programs, activities, employment, and admission

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(D) Naming of university buildings. University buildings and structures shall be named by the board of trustees following recommendations submitted by the president and the appropriate faculty or other group. Buildings and structures shall not be named for any person who is an officer or employee of the university or the state of Ohio, but may be named for a person who has been retired or has otherwise left such a position for a minimum of three years.

(Board approval dates: 5/8/1987, 2/1/1980, 12/2/1994, 8/28/2015)

## 3335-1-09 Bylaws, rules and regulations; their promulgation, amendment and repeal.

- (A) Statement of purpose. The foregoing bylaws are intended to provide a general framework for the functioning of the board of trustees as a governing body and for the organization, administration and operation of the Ohio state university. Detailed rules and regulations for the organization, administration and operation of the university may be promulgated, amended and repealed by the board of trustees upon its own initiative or upon the recommendation of the university faculty or the university senate.
- (B) Rules and regulations; promulgation, amendment and repeal.
  - (1) The university faculty (either directly or through the university senate) is authorized to recommend through the president to the board of trustees the adoption of detailed rules and regulations for the university faculty. If adopted, these rules shall be called "Rules of the University Faculty" and shall be amended or repealed under the procedures outlined in this rule.
  - (2) The university faculty (either directly or through the university senate) is also authorized to make recommendations through the president to the board of trustees concerning the promulgation, amendment or repeal of the other rules and regulations for the university.
- (C) Rules and regulations; vote by board of trustees. The rules and regulations for the university, including the "Rules of the University Faculty," may be adopted, amended or repealed by a majority vote of the board of trustees at any regular meeting of the board, the notice of which having specified that promulgation, amendment or repeal of the rules and regulations for the university is to be considered.
- (D) Bylaws; adoption, amendment and repeal. Bylaws may be adopted, amended or repealed by a majority vote of the entire board of trustees at any regular meeting of the board, the notice of which having specified that amendment or repeal of the bylaws is to be considered.
- (E) Bylaws; recommendations as to adoption, amendment or repeal. The university faculty or the university senate is authorized to make recommendations through the president to the board of trustees concerning the adoption, amendment or repeal of these bylaws.
- (F) Previous enactments of the board. Nothing contained within these bylaws shall invalidate any lawful action taken under any bylaw, resolution, rule, policy or other legal authority for the government of the university previously enacted by the board of trustees.
- (G) To the extent that any of these bylaws may be inconsistent with the Ohio Revised Code, the code shall control.

(Board approval date: 8/28/2015)

Appendix LX

# THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER BOARD BYLAWS

Updated: November 3, 2017

## Chapter 3335-93 Establishment of the Ohio state university medical center board

### 3335-93-01 The Ohio state university Wexner medical center board.

- The Ohio state university Wexner medical center board ("University Wexner Medical Center Board") (A) shall be the governing body responsible to the Ohio state university board of trustees ("University Board of Trustees") for operation, oversight, and coordination of the Ohio state university Wexner medical center consisting of the Ohio state university hospitals, (Ohio state university hospital, Ohio state university hospital east, Ohio state Richard M. Ross heart hospital, Ohio state Harding hospital, Ohio state brain and spine hospital and Ohio state university rehabilitation services at Dodd hall) and the Ohio state James cancer hospital and Solove research institute ("The James"), Ohio state Richard M. Ross heart hospital, OSU Harding hospital, Ohio state university rehabilitation services at Dodd hall; and other such clinical health care enterprises, including without limitation to ambulatory services and outpatient health care facilities, clinics, the faculty group practice, primary and specialty practices, university Wexner medical center signature programs, and clinical laboratories. The university Wexner medical center board shall be responsible for the development and strategic allocation of resources, planning and delivery of medical services, and such other powers and duties as detailed in rule 3335-93-02 of the Administrative Code, subject to the ultimate authority of the university board of trustees
- (B) The university Wexner medical center board shall be composed of up to sixteen voting members:
  - Up to five members of the university board of trustees appointed annually by the chair of the university board of trustees and ratified by the university board of trustees;
  - (2) Up to six public members appointed <u>annually</u> by the chair of the university board of trustees in consultation with the university president, the executive vice president and chancellor for <u>health affairs</u> and the chair of the university board of trustees' governance committee and ratified by the university board of trustees; and
  - (3) Five ex-officio voting members consisting of:
    - (a) The chair of the university board of trustees;
    - (b) The university president;
    - (c) The executive vice president and chancellor for health affairsfor health sciences;
    - (d) The university senior vice president and chief financial officer; and
    - (e) The university executive vice president and provost.
- (C) The university Wexner medical center board shall also include the following ex-officio nonvoting members:
  - (1) The dean of the college of medicine;
  - The president of the university faculty group practice;
  - (3) The chief executive officer of the Ohio state university health system;

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- (4) The chief executive officer(s) or executive director(s) of all university Wexner medical center hospitals.
- (5) The chief administrative officer of the Ohio state university health system;
- (6) The chief clinical officer of the Ohio state university Wexner medical center; and
- (7) The chief financial officer of the Ohio state university Wexner medical center.
- (D) The selection criteria for public members shall ensure that the university Wexner medical center board membership will include persons with a broad array of skill sets, perspectives, backgrounds, including knowledge in health care delivery, sophisticated business expertise, prior board service, and/or persons who can assist the <u>university Wexner</u> medical center in its outreach to and relationships with the public, communities, and patients served, and governmental entities to ensure optimal operations and advancement of the university Wexner medical center's strategic mission, vision, and goals. Membership shall be national in scope and the selection processes shall incorporate the diversity policies of the university.
- (E) The term of office for public members shall be three years, except that the terms of the initial members shall be staggered, with three year, two year, and one year terms to ensure that no more than onethird of the public members' terms will expire within a given year. No public member shall serve more than six consecutive years.

(Board approval dates: 8/30/2013, 8/28/2015, 6/9/2017, 11/3/2017)

## 3335-93-02 Powers and duties.

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The university board of trustees retains its ultimate sovereign power and authority over and fiduciary responsibility for all aspects of the mission and operations of the university Wexner medical center, health sciences colleges, and clinical health care enterprises.

Under the ultimate authority of the university board of trustees and consistent with Ohio law, the university board of trustees authorizes and designates the university Wexner medical center board to act as a governing body on behalf of the university for certain quality and patient care matters, for all of the hospitals and clinics of the university. In accordance with that responsibility, as authorized by the university board of trustees and within the university board of trustees defined and approved guidelines, the university Wexner medical center board will be responsible for the following:

- (A) Assuring the quality of patient care throughout the university Wexner medical center, including the planning and delivery of patient services and formation of quality assessments, improvement mechanisms and monitoring the achievement of quality standards and patient safety goals;
- (B) Oversight for the purposes of the accreditation and licensure process; and
- (C) Approval of clinical privileging forms, medical and dental staff appointments, clinical privileges, medical staff operations, including the approval, adoption, and amendment of medical staff bylaws and rules and regulations, and the conducting of peer review and professional review actions for medical staff and credentialed providers within university board of trustees-defined and approved parameters.

Any action taken by the board pursuant to the powers and duties as defined in paragraphs (A) to (C) of this rule shall be taken only by the voting, non-public members and approved by majority vote thereof.

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In addition, in accordance with that authority and responsibility authorized by the university board of trustees, and consistent with Ohio law, the university Wexner medical center board shall serve in a consultative role and shall be responsible for, subject to the review and approval of the university board of trustees, the following:

- (D) Making recommendations to the university board of trustees, university president, and executive vice president for health sciences and chancellor for health affairs regarding the development and strategic allocations of resources of the university Wexner medical center, including operations, fiscal health, space and facilities management and utilization, personnel, safety and security, and technology;
- (E) Oversight of extramural affiliations, partnerships, operating agreements, and strategic business opportunities as approved by the university board of trustees, with regard to the university Wexner medical center and its affiliated entities;
- (F) Upon recommendation by the medical staff of university hospitals or the medical staff of the James, approval of medical staff bylaws amendments and recommendation thereof to the university board of trustees;
- (G) Making recommendations for approval to the university board of trustees of the purpose and governance documents of any organization established as an auxiliary service organization to the university Wexner medical center;
- (H) Monitoring and assisting the university Wexner medical center in its relationship with the public, affected communities, governmental entities, and public and private organizations;
- Monitoring the university Wexner medical center integrity and compliance programs as adopted by the university board of trustees; and
- (J) Reviewing strategic plans, capital and operating budgets of the university Wexner medical center, and making recommendations for approval to the university board of trustees, university president, and executive vice president for health sciences and chancellor for health affairs.

Subject to the ultimate authority of the university board of trustees, the university Wexner medical center board will serve in an advisory and consultative role to the university board of trustees, university president, and executive vice president for health sciences and chancellor for health affairs, with regard to the following areas of operation of the university Wexner medical center:

- (K) Providing general advice and guidance to the university board of trustees, university president, and executive vice president for health sciences and chancellor for health affairs regarding extramural affiliations, operating agreements and other strategic business opportunities of the university Wexner medical center; and
- (L) Advising the university board of trustees, university president, and executive vice president for health sciences and chancellor for health affairs regarding strategic aspects the university's education and research programs in the health sciences colleges.

(Board approval dates: 8/30/2013, 11/8/2013, 8/28/2015)

# 3335-93-03 Relationship of the university Wexner medical center board to the health sciences academic programs.

The health sciences schools and colleges of the university carry out a significant portion of their educational and research activity in facilities of the university Wexner medical center. The university board of trustees shall have exclusive governing authority over the academic and research programs of the <u>university Wexner</u> medical center, including the college of medicine, the planning, administration, and operations of the health

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sciences schools and colleges and all other educational and research institutes, centers, and programs. The university Wexner medical center board shall lend its best efforts to assure that the programs of the health sciences colleges are effectively supported in collaboration with the <u>university Wexner</u> medical center's patient care programs. The executive vice president for health sciences and chancellor for health affairs shall be charged with maintaining an effective liaison between the health sciences colleges and the university Wexner medical center board to assure excellence in both academic and patient care programs.

(Board approval dates: 8/30/2013, 8/28/2015)

## 3335-93-04 Accountability and reporting.

- (A) To ensure that the university board of trustees meets its governance obligations under all applicable laws and regulations, the university Wexner medical center board shall be accountable to the university board of trustees.
  - (1) The chair of the university Wexner medical center board or other designee as selected by the chair of the university board of trustees shall provide a summary report of its activities and actions taken at each regular meeting of the university board of trustees.
  - (2) The chair of the university Wexner medical center board shall report annually also to the university board of trustees or appropriate Board committee on the following topics:
    - (a) Annual patient safety and quality report;
    - (b) Annual compliance report; and
    - (c) Annual financial report.

(Board approval dates: 8/30/2013, 11/08/2013)

#### 3335-93-05 Meetings and notice.

- (A) Board year. The board year, shall be from May fourteenth to May thirteenth of each year to coincide with the terms of membership of the university board of trustees as articulated in the Ohio Revised Code section 3335.02.
- (B) Regular meetings. Regular meetings of the university Wexner medical center board shall be held at least five four times per year on a schedule established by the university board of trustees. The regular meetings shall be set and publically announced and/or at such other time or place as may be announced by the chair.
- (C) Special meetings. Special meetings may be called at the discretion of the chair of the university Wexner medical center board, the university president, the executive vice president and chancellor for health affairs, or the chair of the board of trustees, and shall be called by the chair at the request of three members of the university Wexner medical center board, provided that notice of any special meeting shall be given in accordance with Ohio law.
- (D) Meetings of the university Wexner medical center board shall be conducted in accordance with the state laws of Ohio and open meetings laws, including, but not limited to, the production and maintenance of minutes for all proceedings of the university Wexner medical center board.
- (E) Except as otherwise specified in these bylaws, all meetings of the university Wexner medical center board and its committees shall be conducted in accordance with the latest revision of "Robert's Rules of Order."

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(Board approval dates: 8/30/2013, 11/6/2015)

## 3335-93-06 Quorum.

A majority of voting members, including at least three university trustees, shall constitute a quorum for the conducting of business at any meeting of the university Wexner medical center board. If quorum is present, a majority vote of those members present and voting, subject to these bylaws, shall be required for approval of actions by the university Wexner medical center board. If there is a vacancy in an ex-officio voting position of the university Wexner medical center board, that position shall not be included for the purposes of determining quorum for a meeting.

(Board approval date: 8/30/2013, 6/9/2017)

#### 3335-93-07 Vacancies.

Whenever a vacancy occurs on the university Wexner medical center board, the chair of the university Wexner medical center board shall immediately notify the chair of the university board of trustees, and the university president, and the executive vice president and chancellor for health affairs, so that the university board of trustees or the appropriate appointing authority identified in paragraph (B) of rule 3335-93-01 of the Administrative Code may appoint a new member as soon as possible to fill the unexpired term.

(Board approval date: 8/30/2013)

#### 3335-93-08 Removal.

The university Wexner medical center board chair, in consultation with the chair of the university board of trustees, the chair of the university board of trustees governance committee, and the university president, and the executive vice president and chancellor for health affairs may recommend to the university board of trustees that a public member of the university Wexner medical center board be removed or suspended. The university board of trustees has sole authority to appoint and remove public members of the university Wexner medical center board.

(Board approval date: 8/30/2013)

#### 3335-93-09 Indemnification of university Wexner medical center board members.

Members of the university Wexner medical center board shall be entitled to legal defense and indemnification against any claims or liabilities which might arise from the performance of their duties on behalf of the university Wexner medical center board to the full extent permitted by Ohio law.

(Board approval date: 8/30/2013)

# 3335-93-10 Compensation of university Wexner medical center board and board committee members.

No university Wexner medical center board member shall receive compensation for services rendered in the capacity as a board member. However, nothing herein shall be construed to preclude any board member or committee member from receiving reimbursement for actual expenses incurred in the course of such service.

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#### 3335-93-11 Confidentiality and conflicts of interest.

In addition to any applicable restrictions or obligations set forth in Chapter 102-, section 2921.42 of the Revised Code and section 2921.43 of the Revised Code, which may apply to university trustees and exofficio members of the university Wexner medical center board as employees of the university, all members of the university Wexner medical center board, including public members and the appointed members of any and all board committees have a duty of loyalty and fidelity to the university, and they must govern their affairs honestly, exercising their best care, skill and judgment for the benefit of the university so as to avoid conflicts of interest and the appearance of impropriety.

Members of the university Wexner medical center board and its committees shall disclose to the chair of the university Wexner medical center board and the university general counsel any situation wherein such member has a <u>potential</u> conflict of interest that could possibly cause that member to act in other than the best interest of the university. In any such situation <u>deemed as a conflict of interest</u> the member shall abstain from acquiring any information developed by the university Wexner medical center board and from participating in any discussions or voting related to such situation.

All members of the university Wexner medical center board and its committees shall keep confidential all sensitive information of every kind including the strategic goals of groups, <u>practices</u>, entities or subdivisions within the university Wexner medical center to the extent permitted by law. Members of the board and its committees also shall abide by all confidentiality and conflict of interest policies and programs adopted by the university board of trustees from time to time.

The university Wexner medical center board shall <u>adopt develop</u> and periodically review a statement of expectations, consistent with the university board of trustees' statement of expectations, which shall address comportment among board members, with the university president, executive vice president for health sciences and <u>other</u> internal constituents, and with external constituents regarding such topics as behavior, confidentiality, participation, civility, loyalty, conflicts of interest, and compliance with board expectations, bylaws, university policies, rules, and state and federal law.

(Board approval date: 8/30/2013)

## Chapter 3335-95 Officers of the board

## 3335-95-01 Officers of the board.

The officers of the university Wexner medical center board shall consist of a chair and such other officers appointed by as the university board of trustees may deem advisable.

(Board approval dates: 4/3/2009, 10/29/2010, 8/30/2013)

#### 3335-95-02 Chair.

The chair shall be selected among the voting members of the university Wexner medical center board and shall be appointed by the chair of the university board of trustees, in consultation with the university president and the executive vice president and chancellor for health affairs, and ratified by the university board of trustees. The chair shall be appointed for a one-year termannually and have specific skills and qualifications including, but not limited to, prior experience leading a board and demonstrated experience in business management. The chair of the university Wexner medical center board shall preside at all meetings of the board.

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(Board approval date: 5/22/2009, 10/29/2010, 2/1/2013, 8/30/2013, 8/28/2015, 11/3/2017)

## Chapter 3335-97 Committees

#### 3335-97-01 University Wexner medical center board standing committees.

The university Wexner medical center board shall approve the appointment of a finance committee and a quality and professional affairs committee. The chair of the university Wexner medical center board shall appoint the members of the board's committees. The chair of each committee of the university Wexner medical center board shall be selected from the voting members of the university Wexner medical center board. The board or the chair of the board may designate guidelines for the selection and participation of non-trustee members of committees.

(Prior effective date: 5/22/2009, Board approval date: 8/30/2013)

## 3335-97-02 Finance committee.

- (A) Responsibilities. The finance committee shall review and evaluate the financial results, plans, and audits of the university Wexner medical center and its component entities for the purpose of assessing the overall financial risks and capacities of the university Wexner medical center and the congruity of the financial management, plans and objectives of the university Wexner medical center. The committee shall be responsible for: monitoring financial performance including achievement of financial goals and targets approved by the university Wexner medical center board and university board of trustees; reviewing and recommendation of operating and capital budgets to the university Wexner medical center board and the university board of trustees; advising on the acquisition or sale of property; construction, use, and allocation of physical space and facilities and technology; advising on current and future strategic business opportunities, including, but not limited to, affiliations, partnerships, mergers, acquisitions, and other business ventures; and other responsibilities as assigned by the chair of the university Wexner medical center board.
- (B) Composition. The finance committee shall be composed of no fewer than five voting members of the university Wexner medical center board, with at least three members being university trustees; the university chief financial officer; and such other members as determined by the chair of the university Wexner medical center board.
- (C) Meetings. The committee shall meet at the call of the chairperson of the committee, but not less than quarterly. A majority of the voting members of the committee shall constitute a quorum. Meetings shall be conducted in accordance with the state laws of Ohio and open meetings laws.

(Board approval dates: 4/3/2009, 10/29/2010, 2/1/2013, 8/30/2013)

## 3335-97-03 Quality and professional affairs committee.

- (A) Responsibilities. The quality and professional affairs committee shall be responsible for the following specific duties:
  - Reviewing and evaluating the patient safety and quality improvement programs of the university Wexner medical center, including, but not limited to, the hospitals, clinics, ambulatory care facilities, and physician office facilities;

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- (2) Overseeing all patient care activity in all facilities that are a part of the university Wexner medical center, including, but not limited to, the hospitals, clinics, ambulatory care facilities, and physicians' office facilities;
- (3) Monitoring quality assurance performance in accordance with the standards set by the university Wexner medical center;
- (4) Monitoring the achievement of accreditation and licensure requirements;
- (5) Reviewing and recommending to the university Wexner medical center board changes to the medical staff bylaws and medical staff rules and regulations;
- (6) Reviewing and approving clinical privilege forms;
- (7) Reviewing and approving membership and granting appropriate clinical privileges for the credentialing of practitioners recommended for membership and clinical privileges by the university hospitals medical staff administrative committee and the James medical staff administrative committee;
- (8) Reviewing and approving membership and granting appropriate clinical privileges for the expedited credentialing of such practitioners that are eligible by satisfying minimum approved criteria as determined by the university Wexner medical center board and are recommended for membership and clinical privileges by the university hospitals medical staff administrative committee;
- (9) Reviewing and approving reinstatement of clinical privileges for a practitioner after a leave of absence from clinical practice;
- (10) Conducting peer review activities and recommending professional review actions to the university Wexner medical center board;
- (11) Reviewing and resolving any petitions by the medical staffs for amendments to any rule, regulation or policy presented by the chief of staff on behalf of the medical staff pursuant to the medical staff bylaws and communicating such resolutions to the university hospitals medical staff administrative committee and the James medical staff administrative committee for further dissemination to the medical staffs; and
- (12) Such other responsibilities as assigned by the chair of the university Wexner medical center board.
- (B) Composition. The committee shall consist of: no fewer than four voting members of the university Wexner medical center board, appointed annually by the chair of the university Wexner medical center board, one of whom shall be appointed as chair of the committee. The <u>executive vice president</u> and <u>chancellor for health affairs</u>: the chief executive officer of the Ohio state university health system; chief <u>medical clinical officer</u> of the medical center; <u>the chief administrative officer of the Ohio state</u> <u>university health system</u>, the director of medical affairs of the James; the medical director of credentialing for the James; the chief of the medical staff of the James; the associate dean of graduate medical education; the chief quality and patient safety officer; the chief nurse executive for the OSU <u>Ohio state university</u> health system; and the chief nursing officer for the James shall serve as ex-officio, voting members. Such other members may be appointed by the chair of the university Wexner medical center board, in consultation with the chair of the quality and professional affairs committee.
- (C) Review and recommendation. The chief medical clinical officer of the medical center and the chief of staff for the medical staff of university hospitals shall present and make recommendations to the quality and professional affairs committee only with respect to those actions involving the university

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hospitals. The director of medical affairs of the James, the medical director of credentialing for <u>i</u>The James and chief of <u>staff for</u> the medical staff of the James shall present and make recommendations to the quality and professional affairs committee only with respect to those actions involving <u>i</u>The James.

- (D) Voting. With respect to items coming before the quality and professional affairs committee as detailed in paragraph (A) of this rule, at least two voting, non-public members of the <u>u</u>University Wexner <u>m</u>Medical <u>c</u>Center <u>b</u>Board must be present. Any action taken by this <u>c</u>Committee pursuant to the responsibilities as defined in section 3335-97-03 (A)(1) to (A)(11) of the Administrative Code shall be taken only by the voting, non-public, committee members and approved by a majority vote thereof. The chief quality and patient safety officer shall recuse themselves from voting on matter<u>s</u> defined in section 3335-97-03 (A)(7) and (A) (10) of the Administrative Code.
- (E) Meetings. The committee shall meet at least bimonthly (six times per calendar year), typically in the even numbered months) or at the call of the chair of the committee and shall advise the university Wexner medical center board of its activities regularly. The committee shall act on behalf of the university Wexner medical center board in order to maintain the continuity of operations of the hospitals of the Ohio state university and the university hospitals and the James medical staffs; to review and to approve medical staff membership and to grant appropriate clinical privileges for practitioners in accordance with applicable laws, accreditation requirements, bylaws and rules established by the university board of trustees, university Wexner medical center board and university hospitals and the James medical staffs. Meetings shall be conducted in accordance with the state laws of Ohio and open meetings laws.

(Board approval dates: 8/30/2013, 11/08/2013, 11/6/2015, 4/8/2016)

#### 3335-97-04 University Wexner medical center board special or ad-hoc committees

The university Wexner medical center board may establish special or ad-hoc committees as needed upon the approval of the university board of trustees.

(Board approval date: 8/30/2013)

## Chapter 3335-101 Medical staff

#### 3335-101-01 General.

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The university Wexner medical center board shall hold the medical staff organization of university hospitals and the medical staff organization of the James cancer hospital accountable to the university Wexner medical center board for establishing and maintaining standards of medical care for their respective facilities. As provided in rule 3335-101-04 of the Administrative Code, revisions to medical staff bylaws are subject to review and approval by the university Wexner medical center board before they are submitted to the Ohio state university board of trustees for adoption.

(Board approval dates: 4/3/2009, 10/29/2010, 2/01/2013)

## 3335-101-02 Medical staff.

For purposes of this chapter, the words "medical staff" shall include all physicians, psychologists, podiatrists, and dentists who are authorized to <u>provide care forattend</u> patients in any medical care facility or program administered by the university Wexner medical center, and may include such other health care professionals as the medical staff bylaws designate.

Updated: November 3, 2017

(Board approval dates: 4/3/2009, 2/01/2013, 8/28/2015)

### 3335-101-03 Medical staff organization.

The organization of the medical staffs of the university Wexner medical center shall discharge those duties and responsibilities assigned to them by the university Wexner medical center board and is subject to the approval and authorization of the university Wexner medical center board. Those duties and responsibilities include the following purposes:

- (A) To monitor the quality of medical care and make recommendations to the university Wexner medical center board to ensure that all patients - admitted to or treated at any of the facilities, departments, or services of university hospitals or the James cancer hospital - receive high quality medical care.
- (B) To recommend, through the appropriate medical staff administrative committee, to the quality and professional affairs committee of the university Wexner medical center board the appointment or reappointment of an applicant to the medical staff of university hospitals or the James cancer hospital, the clinical privileges such applicant shall enjoy in the facilities of or associated with university hospitals or the James cancer hospital, and appropriate professional review action that may be necessary in connection with any member of the medical staff.
- (C) To represent the medical staffs of university hospitals and the James cancer hospital and to provide the means whereby issues concerning the medical staffs of and university hospitals and the James cancer hospital are discussed within the medical staff organization and among representatives of the medical staff, the <u>quality and professional affairs committee</u>, the <u>university Wexner</u> medical center board, and the <u>university Wexner</u> medical center administration.
- (D) To establish and enforce medical staff bylaws, rules and regulations governing actions of members of the medical staffs and practitioners granted clinical privileges.

(Board approval dates: 4/3/2009; 10/29/2010; 2/1/2013, 8/28/2015)

#### 3335-101-04 Medical staff bylaws.

The medical staff organization shall recommend to the quality and professional affairs committee and the university Wexner medical center board amendments to medical staff bylaws, rules, and regulations that set forth by the medical staff organization and the governance process for maintaining such bylaws, rules, and regulations to accomplish the purposes set forth in rule 3335-101-03 of the Administrative Code. When such medical staff bylaws, rules, and regulations are adopted by the university Wexner medical center board and the Ohio state university board of trustees, they shall become effective and be part of the medical staff bylaws, rules, and regulations of the <u>university Wexner</u> medical center and the hospital and other facilities to which they apply. The medical staff organizations shall also be responsible for reviewing these bylaws, rules, and regulations periodically and recommending appropriate revisions to the quality and professional affairs committee and university Wexner medical center board.

(Board approval dates: 4/3/2009; 10/29/2010; 2/01/2013, 8/28/2015)

#### 3335-101-05 Appointment to the medical staff and assignment of clinical privileges.

Upon recommendation of the medical staff of university hospitals or the James cancer hospital and in accordance with the medical staff bylaws, the university Wexner medical center board may appoint physicians, dentists, psychologists, and podiatrists meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the university hospitals and the James cancer hospital and

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shall grant clinical privileges to such practitioners. Appointment to the medical staff carries with it full responsibility for the treatment of patients of the university Wexner medical center subject to such limitations as may be imposed by the university Wexner medical center board or the medical staff bylaws, rules, and regulations of the medical staff. Appointment and reappointment to the medical staff shall be for a period not to exceed two years and shall be renewable in accordance with the reappointment procedure set forth in the medical staff bylaws. The chief medical officer of the medical center and the director of medical affairs for the James cancer hospital are delegated the responsibility by the university Wexner medical center board to grant temporary clinical privileges. The granting of temporary privileges shall be limited to situations which fulfill an important patient care need, and shall not be granted for a period of more than one hundred twenty days.

(Board approval dates: 4/3/2009; 10/29/2010; 2/01/2013, 8/28/2015)

## 3335-101-06 Medical staff administrative committees.

- (A) Purpose. The medical staff administrative committee for the university hospitals medical staff and the medical staff administrative committee for the James cancer hospital each shall establish and maintain means of accountability to the university Wexner medical center board, in accordance with their respective medical staff bylaws. Each medical staff administrative committee shall concern itself primarily with the quality of medical care within the facilities of, or associated with, the university Wexner medical center. Each medical staff administrative committee shall receive and act upon all medical staff committee reports and make recommendations regarding medical staff appointmentsstatus and clinical privileges to the university Wexner medical center board, through the board's quality and professional affairs committee. Other specific duties of the medical staff administrative committee are identified in the medical staff bylaws.
- (B) Composition. The composition of the medical staff administrative committee of the university hospitals medical staff shall be determined in accordance with the university hospitals medical staff bylaws and the chief medical officer of the medical center shall serve as chair of the university hospitals medical staff administrative committee. The composition of the medical staff administrative committee of the James cancer hospital medical staff shall be determined in accordance with the James cancer hospital medical staff bylaws and the James cancer hospital medical staff shall be determined in accordance with the James cancer hospital medical staff bylaws and the James cancer hospital director of medical affairs shall serve as chair of the James cancer hospital medical staff administrative committee. Any members may be removed from the medical staff administrative committee in accordance with the medical staff bylaws. Replacement or additional members may be appointed to the medical staff administrative committees in accordance with the medical staff bylaws and subject to review/renewal on a yearly basis to maintain the medical staff administrative committee's constituency.
- (C) Meetings. Each medical staff administrative committee shall meet monthly. Minutes of the meetings shall be available to all members of the university Wexner medical center board and the quality and professional affairs committee of the university Wexner medical center board, the executive vice president for health sciencesand chancellor for health affairs, the dean of the college of medicine, the dean of the college of dentistry, and the deans of other professional colleges whose faculty have appointments on the medical and dental staffs.

(Board approval dates: 4/3/2009; 10/29/2010; 2/01/2013, 8/28/2015)

## 3335-101-07 Hospitals clinical departments.

(A) Appointment of the chief of each clinical department of each hospital as defined in Chapter 3335-104 of the Administrative Code is subject to approval by the university Wexner medical center board on the recommendation of the dean of the applicable professional college and the executive vice president and chancellor for health affairsfor health sciences. All such appointments shall be periodically reviewed by the university Wexner medical center board. Any vacancy in the position of

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chief of a clinical department may be filled on an interim basis by the dean of the appropriate professional college, after consultation with the university Wexner medical center board. (In standard practice, the chief of a clinical department will be the chair of the corresponding academic department.)

- (B) The university Wexner medical center board may delegate, through approval of the medical staff bylaws or by appropriate board resolution, to the chiefs of the clinical departments responsibility for maintaining the quality of medical care in their services, and for recommending an applicant's appointment or reappointment to the appropriate medical staff and privileges for such an applicant.
- (C) The executive vice president and chancellor for health affairs of health sciences shall recommend a candidate for the appointment of the chief medical\_clinical\_officer of the medical center to the university Wexner medical center board, and the Ohio state university board of trustees. The Ohio state university <u>Wexner medical center</u> board of trustees shall appoint the chief medical\_clinical officer of the medical center shall report to the vice president for health services, the executive vice president for health sciences and chancellor for <u>health affairs</u> and to the university Wexner medical center board. In matters relating to medical care in the university hospitals, members of the clinical departments of the university hospitals are accountable to the clinical chiefs, and medical directors who are accountable to the chief medical center.
- (D) The chief medical\_clinical officer is the senior medical officer for the medical center with the responsibility and authority for all health and medical care delivered at the medical center. The chief medical\_clinical\_officer is responsible for overall quality improvement and clinical leadership throughout the medical center, physician alignment, patient safety and medical staff development. The chief medical\_clinical\_officer is a key member of the senior management team and is expected to participate in all strategic, operational and policy decisions as a senior corporate officer of the medical center. The chief medical\_clinical\_officer is accountable for developing and managing systems and forums that foster the transfer of knowledge, information and process improvement methodologies to administrative and clinical leadership and staff. The chief medical\_clinical\_officer has the authority and responsibility of the organization of clinical service to optimize high quality care.
- (E) The executive vice president and chancellor for health affairs for health sciences shall appoint a medical director for each of the university hospitals, university hospitals east, Harding hospital, and Ross heart hospital. The medical director of each hospital shall report to the chief executive officer or executive director of the respective hospital, to the chief medical clinical officer of the medical center, and to the university Wexner medical center board. In matters relating to medical care in the hospitals, members of the clinical departments of the hospitals are accountable to the clinical directors.
- (F) The executive vice president and chancellor for health affairs for health sciences shall appoint a director of medical affairs for the James cancer hospital who shall be the chief medical officer of the James cancer hospital. The director of medical affairs shall report to the chief executive officer of the James cancer hospital and to the university Wexner medical center board. In matters relating to medical care in the James cancer hospital, members of the clinical departments of the hospitals are accountable to the clinical chiefs, who are accountable to the director of medical affairs.
- (G) The chief medical clinical officer of the medical center, the director of medical affairs of the James cancer hospital and the medical directors of each hospital shall each be a physician and shall maintain an appointment as an attending staff member of his or her respective medical staff. The chief medical clinical officer of the medical center, medical directors of each hospital and director of medical affairs shall have authority as conferred by the executive vice president <u>and chancellor for health affairs for health sciences</u> and the university Wexner medical center board; including the responsibility for clinical research and education programs and services, supervision of patient and clinical activity; and responsibility for the clinical organization of his or her respective hospital. The chief medical\_clinical officer of the medical center and director of medical affairs shall direct and

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supervise the medical staff quality assurance, utilization review, and credentialing activity. The chief medical\_clinical\_officer of the medical center, medical directors of each hospital and director of medical affairs shall establish priorities, jointly with the chief executive officer or executive director of his or her respective hospital, for capital medical equipment, clinical space, and the establishment of new clinical programs, or the revision of existing clinical programs.

(Board approval dates: 4/3/2009; 10/29/2010; 2/01/2013, 8/28/2015)

Updated: November 3, 2017

## Appendix I

## **RESCINDED Rules**

- 3335-99-01 Relationship to health sciences academic programs.
- 3335-103-01 Amendments to board bylaws.
- 3335-104-01 Establishment of medical center hospital boards.
- 3335-104-02 Indemnification of hospital board members.
- 3335-104-03 Compensation of hospital board and board committee members.
- 3335-104-04 Confidentiality and conflicts of interest.
- 3335-104-05 Officers
- 3335-104-06 University hospitals board.
- 3335-104-07 James cancer hospital board.
- 3335-104-08 Ohio state university Harding hospital board.
- 3335-104-09 University hospitals east board.
- 3335-104-10 Ross heart hospital board.

Appendix LXI

## MEDICAL STAFF RULES AND REGULATIONS The Ohio State University Hospitals

Updated April 6, 2018



WEXNER MEDICAL CENTER

#### MEDICAL STAFF RULES AND REGULATIONS The Ohio State University Hospitals as of April 6, 2018

## 84-1 Ethical pledge.

No changes.

## 84-2 Admission procedures.

No changes.

84-3 Attending assignment.

No changes.

## 84-4 Consultations.

No changes.

## 84-5 Privileges for giving orders.

No changes.

84-6 Death and autopsy procedures.

No changes.

84-7 Emergency care.

No changes.

## 84-8 Surgical case review.

No changes.

## 84-9 Tissue disposition.

No changes.

## 84-10 Committees and policy groups.

No changes.

## 84-11 Medical records.

- (A) Each member of the medical staff shall conform to the medical information management department policies, including the following:
  - (1) Medical Record contents

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The attending medical staff member shall be ultimately responsible for the preparation of a complete medical record of each patient. The medical record may contain information collected and maintained by members of the medical staff, limited staff, other licensed healthcare professionals, medical students or providers who participate in the care of the patient in an electronic or paper form. This record shall include the following elements as it applies to the patient encounter:

- (a) Identification and demographic data including the patient's race and ethnicity.
- (b) The patient's language and communication needs.
- (c) Emergency care provided to the patient prior to arrival, if any.
- (d) The legal status of patients receiving mental health services.
- (e) Evidence of known advance directives.
- (f) Statement of present complaint.
- (g) History and physical examination.
- (h) Any patient generated information.
- (i) Provisional diagnosis.
- (j) Documentation of informed consent when required.
- (k) Any and all orders related to the patient's care.
- (I) Special reports, as those from:
  - (i) The clinical laboratory, including examination of tissues and autopsy findings, when applicable.
  - Signed and dated reports of nuclear medicine interpretations, consultations, and procedures.
  - (iii) The radiology department.
  - (iv) Consultants.
- (m) Medical and surgical treatments.
- (n) Progress notes.
- (o) Pre-sedation or pre-anesthesia assessment and plans of care for patients receiving anesthesia.
- (p) An intra-operative anesthesia record.
- (q) Postoperative documentation records, including the patient's vital signs and level of consciousness; medications, including IV fluids, blood and blood components; any unusual events or postoperative complications; and management of such events
- (r) Postoperative documentation of the patient's discharge from the post-sedation or postanesthesia care area by the responsible licensed independent practitioner or according to discharge criteria.

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- (s) A post-anesthesia follow-up report written within forty-eight hours after surgery.
- (t) Reassessments and revisions of the treatment plan.
- (u) Every dose of medication administered and any adverse drug reaction.
- (v) Every medication dispensed to an inpatient at discharge.
- (w) Summary and final diagnosis as verified by the attending medical staff member's signature.
- (x) Discharge disposition, condition of patient at discharge, and instructions given at that time and the plan for follow up care.
- (y) Any referrals and communications made to external or internal providers and to community agencies.
- (z) Any records of communication with the patient made by telephone or email or patient electronic portal.
- (2) Deadlines and sanctions.
  - (a) A procedure note shall be entered in the record by the responsible attending medical staff member or the medical staff member's designee, who is appropriately credentialed by the hospital, immediately upon completion of an invasive procedure. Procedure notes must be written for any surgical or medical procedures, irrespective of their repetitive nature, which involve material risk to the patient. Notes for procedures completed in the operating rooms must be finalized in the operating room information system by the attending surgeon. For any formal operative procedures, a note shall include preoperative and postoperative diagnoses, procedure(s) performed and description of each procedure, surgeon(s), resident(s), anesthesiologist(s), surgical service, type of anesthesia (general or local), complications, estimated blood loss, any pertinent information not included on the O.R./anesthesia record, preliminary surgical findings, and specimens removed and disposition of each specimen. Where a formal operative report is appropriate, the report must be completed immediately following the procedure. The operative/procedure report must be signed by the attending medical staff member. Any operative/procedure report not completed or any procedure note for procedures completed in the operating rooms not completed in the operating room information system by ten a.m. the day following the procedure shall be deemed delinguent and the attending medical staff member responsible shall lose operating/procedure room and medical staff privileges the following day. The operating rooms and procedure rooms will not cancel cases scheduled before the suspension occurred. Effective with the suspension, the attending medical staff member will lose all privileges to schedule elective and add-on cases. The attending medical staff member will only

be allowed to schedule emergency cases until all delinquent operative/procedure reports are completed. All emergency cases scheduled by suspended medical staff members are subject to the review of the medical director and will be reported to the suspended medical staff members' chief of the clinical department and the medical director by the operating room staff. Affected medical staff members shall receive telephone calls from the medical information management department indicating the delinquent operative/procedure reports.

(b) Progress notes must provide a pertinent chronological report of the patient's course in the hospital and reflect any change in condition, or results of treatment. In the event that the patient's condition has not changed, and no diagnostic studies have been done, a progress note must be completed by the attending medical staff member or his or her designated member of the limited medical staff or practitioner with appropriate

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privileges at least once every day.

Each medical student or other licensed health care professional progress note in the medical records should be signed or counter-signed by a member of the attending, courtesy, or limited staff.

- (c)
   Medical staff members with more than twenty-five verbal orders that remain

   unsigned greater than twenty-one days after the date of the order will be subject

   to corrective action including administrative suspension which may include

   suspension of admitting and operating room scheduling privileges until the

   orders are signed.
   Medical staff members shall be notified electronically prior to

   suspension for unsigned verbal orders.
- (c) Birth certificates must be signed by the medical staff member who delivers the baby within one week of completion of the certificate. Fetal death certificates and death certificates must be signed and the cause of death must be recorded by the medical staff member with a permanent Ohio license within twenty-four hours of death.
- (d) Outpatient visit notes and letters to referring physicians, when appropriate, shall be completed within three days of the patient's visit.
- (e) All entries not previously defined must be signed within ten business days of completion.
- (f) Queries by clinical documentation specialists requesting clarification of a patient's diagnoses and procedures will be resolved within five business days of confirmed notification of request.
- (g) Office visit encounters shall be closed within one week of the patient's visit.
- (3) Discharges
  - (a) Patients may not be discharged without a written or electronically entered discharge order from the appropriately credentialed, responsible medical staff member, limited staff member, or other licensed healthcare professional.
  - (b) At the time of discharge, the appropriately credentialed attending medical staff member, limited staff member, or other licensed healthcare professional is responsible for verifying the principal diagnosis, secondary diagnoses, the principal procedure, if any, and any other significant invasive procedures that were performed during the hospitalization. If a principal diagnosis has not yet been determined, then a "provisional" principal diagnosis should be used instead.
  - (c) The discharge summary must be available to any facility receiving the patient before the patient arrives at the facility. Similarly, the discharge summary must be available to the care provider before the patient arrives at any outpatient care visit subsequent to discharge. The discharge summary should be available within forty-eight hours of discharge for all patients. The discharge summary should be signed by the responsible medical staff member within forty-eight hours of availability.
  - (d) The discharge summary must contain the following elements:
    - hospital course including reason for hospitalization and significant findings upon admission;
    - ii. principal and secondary diagnoses or provisional diagnoses;
    - iii. relevant diagnostic test results;

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iv. procedures performed and care, treatment and services provided; ivi.

condition at discharge;

- vi. medication list and medication instructions;
- vii. plan for follow up of tests and studies for which results are pending at discharge;
- viii. coordination and planning for follow-up testing and appointments;
- ix. plans for follow up care and communication, and the instructions provided to the patient.
- (e) A complete summary is required on all patients who expire, regardless of length of stay.
- (f) All medical records must be completed by the attending medical staff member or, when applicable, the limited staff member or other licensed healthcare professional within twenty-one days of discharge of the patient.
- (g) Attending medical staff members shall be notified prior to suspension for all incomplete records. After notification, attending medical staff members shall have their admitting and operative scheduling privileges suspended until all records are completed. Attending medical staff members shall receive electronic notification of delinquent records. If an attempt is made by the attending medical staff member, or the attending medical staff member's designee, who is appropriately credentialed by the hospital, when applicable, to complete the record, and the record is not available, electronically for completion, the record shall not be counted against the attending medical staff member. Medical staff members who are suspended for a period of longer than one hundred twenty consecutive days are required to appear before the practitioner evaluation committee.
- (h) Records which are incomplete, more than twenty-one days after discharge or the patient's visit are defined as delinquent.
- (4) Confidentiality.

Access to medical records is limited to use in the treatment of patients, research, and teaching. All medical staff members are required to maintain the confidentiality of medical records. Improper use or disclosure of patient information is subject to disciplinary action.

(5) Ownership.

Medical records of hospital-sponsored care including pathological examinations, slides, radiological films, photographic records, cardiographic records, laboratory reports, statistical evaluations, etc. are the property of the hospital and shall not be removed from the hospital's jurisdiction and safekeeping except in accordance with a court order, subpoena, or statute.

(6) Records storage and security.

In general, medical records shall be maintained by the hospital. Records on microfilms, paper, electronic tape recordings, magnetic media, optical disks, and such other acceptable storage techniques shall be used to maintain patient records for twenty-one years for minors and ten years for adults. In the case of readmission of the patient, all records or copies thereof from the past ten/twenty-one years shall be available for the use of the attending medical staff member or other health care providers.

- (7) Informed consent documentation.
  - (a) Where informed consent is required for a special procedure (such as surgical operation), documentation that such consent has been obtained must be made in

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the hospital record prior to the initiation of the procedure. Such documentation shall be incompliance with the hospitals policy and procedure manual section 03-27.

- (b) In the case of limb amputation, a limb disposition form, in duplicate, must be signed prior to the operation.
- (8) Sterilization consent.

Prior to the performance of an operative procedure for the expressed purpose of sterilization of a (male or female) patient, the attending medical staff member shall be responsible for the completion of the legal forms provided by the hospital and signed by the patient. Patients who are enrolled in the Medicaid program must have their forms signed at least thirty days prior to the procedure. Informed consent must also be obtained from one of the parents or the guardian of an unmarried minor.

(9) Criteria changes.

The medical information management department shall define the criteria for record completion subject to the approval of the medical staff.

- (10) Entries and authentication.
  - (a) Entries in the medical record can only be made by staff recommended by the medical information management department subject to the approval of the medical staff.
  - (b) All entries must be legible and complete and must be authenticated, timed and dated promptly by the person, identified by name and discipline, who is responsible for ordering, providing, or evaluating the service furnished.
  - (c) The electronic signature of medical record documents requires a signing password. At the time the password is issued, the individual is required to sign a statement that she/he will be the only person using the password. This statement will be maintained in the department responsible for the electronic signature system.
  - (d) Signature stamps may not be used in the medical record.

(Board approval dates: 9/6/2002, 3/5/2003, 6/4/2004, 5/6/2005, 11/4/2005, 2/2/2007, 11/2/2007, 6/6/2008, 9/18/2009, 4/8/2011, 8/31/2012, 4/6/2016, 9/2/2016, 4/6/2018)

## 84-12 Operating room committee.

No changes.

#### 84-13 Pharmacy and therapeutics committee.

No changes.

## 84-14 Transfusion and isoimmunization committee.

No changes.

#### 84-15 Standards of practice.

No changes.

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## 84-16 Mechanism for changing rules and regulations.

No changes.

## 84-17 Adoption of the rules and regulations.

No changes.

## 84-18 Sanctions.

No changes.

Appendix LXII



Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

## 01 Ethical pledge.

No change

02 Admission procedures.

No change

03 Attending assignment.

No change

## 04 Consultations.

No change

## 05 Order writing privileges.

No change

## 06 Death procedures.

No Change

## 07 Emergency preparedness.

No Change

## 08 Surgical case review (tissue committees).

No Change

## 09 Tissue disposition.

No Change



## Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

## 10 Medical records.

(A) Each member of the medical staff shall conform to the following medical information management department policies:

(1) Medical record contents.

(a) The attending physician is ultimately responsible for the preparation of a complete medical record for each patient. The medical record may contain information collected and maintained by members of the medical staff, limited staff, other licensed healthcare professionals, medical students or providers who participate in the care of the patient. This record shall including the following elements as it applies to the patient encounter:

- (i) Identification demographic data including the patient's race and ethnicity.
- (ii) The patient's language and communication needs.
- (iii) Emergency care provided to the patient prior to arrival, if any.
- (iv) The legal status of patients receiving mental health services.
- (v) Evidence of known advance directives.
- (vi) Statement of present complaint.
- (vii) History and physical examination.
- (viii) Any patient generated information.
- (ix) Provisional diagnosis.
- (x) Documentation of informed consent when required.
- (xi) Any and all orders related to the patient's care.
- (xii) Special reports, as those from:
- (a) The clinical laboratory, including examination of tissues and autopsy findings, when applicable.
- (b) Signed and dated reports of nuclear medicine interpretations, consultations, and procedures.



## Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

- (c) The radiology department.
- (d) Consultants as verified by the attending medical staff member's signature.
- (xiii) Medical and surgical treatments.
- (xiv) Progress notes.
- (xv) Pre-sedation or pre-anesthesia assessment and plans of care for patients receiving anesthesia.
- (xvi) An intra-operative anesthesia record.

(xvii) Postoperative documentation records, the patient's vital signs and level of consciousness; medications, including IV fluids, blood and blood components; any unusual events or postoperative complications; and management of such events.

(xviii) Postoperative documentation of the patient's discharge from the post-sedation or post-anesthesia care area by the responsible licensed independent practitioner or according to discharge criteria.

(xix) A post anesthesia follow-up report written within forty-eight hours after surgery by the individual who administers the anesthesia.

(xx) All reassessments and any revisions of the treatment plan.

(xxi) Every dose of medication administered and any adverse drug reaction.

(xxii) Every medication dispensed to an inpatient at discharge.

(xxiii) Summary and final diagnosis as verified by the attending physician's signature.

(xxiv) Discharge disposition, condition of patient at discharge, instructions given at that time and the plan for follow up care.

(xxv) Any referrals and communications made to external or internal providers and to community agencies.

(xxvi) Any records of communication with the patient made by telephone or email or patient electronic portal.

(xxvii) Memorandum copy of the death certificate when applicable.

(2) Deadlines and sanctions.

# The James



## Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

(a) A procedure note shall be entered in the record by the responsible attending medical staff member or the medical staff member's designee (who is appropriately credentialed) immediately upon completion of an invasive procedure. Procedure notes must be written for any surgical or medical procedures, irrespective of their repetitive nature, which involve material risk to the patient. Notes for procedures performed in the operating rooms must be finalized in the operating room information system by the attending surgeon. For any formal operative procedures, a note shall include pre-operative and post-operative diagnoses, procedure(s) performed and description of each procedure, surgeon(s), resident(s), anesthesiologist(s), surgical service, type of anesthesia (general or local), complications, estimated blood loss, any pertinent information not included on the O.R./anesthesia record, preliminary surgical findings, and specimens removed and disposition of each specimen. Where a formal operative procedure report is appropriate, the report must be completed immediately following the procedure. The operative/procedure report must be signed by the attending medical staff member. Any operative/procedure report not completed or any procedure note for procedures completed in the operating rooms not completed in the operating room information system by 10:00 a.m. the day following the procedure shall be deemed delinquent and the attending medical staff member responsible shall lose operating/procedure room and medical staff privileges the following day. The operating rooms and procedure rooms will not cancel cases scheduled before the suspension occurred. Effective with the suspension, the attending medical staff member will lose all privileges to schedule elective cases. Affected medical staff members shall receive telephone calls from the medical information management department indicating the delinquent operative/procedure reports.

(b) Progress notes must provide a pertinent chronological report of the patient's course in the hospital and reflect any change in condition or results of treatment. A progress note must be completed by the attending medical staff member or his or her designated member of the limited medical staff or practitioner with appropriate privileges at least once every day. Each medical student or other licensed health care professional progress note in the medical records should be signed or counter-signed by a member of the attending, courtesy, or limited staff.

(c) Medical staff members with more than twenty-five verbal orders that remain unsigned greater than twenty-one days after the date of the order will be subject to corrective action including administrative suspension which may include suspension of admitting and operating room scheduling privileges until the orders are signed. Medical staff members shall be notified electronically prior to suspension for unsigned verbal orders.

## twenty fiveadministrative

(ed) Birth certificates must be signed by the medical staff member who delivers the baby within one week of completion of the certificate. Fetal death certificates and death certificates must be signed and the cause of death must be recorded by the medical staff member with a permanent Ohio license within twenty-four hours of death.

 $(d\underline{e})$  Outpatient visit notes and letters to referring physicians, when appropriate, shall be completed within three days of the patient's visit.



# Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

(ef) All entries not previously defined must be signed within ten business days of completion.

(fg) Queries by clinical documentation specialists requesting clarification of a patient's diagnoses and procedures will be resolved within five business days of confirmed notification of request.

(gh) Office visit encounters shall be closed within one week of the patient's visit.

(3) Discharges.

(a) Patients may not be discharged without a written or electronically entered discharge order from the appropriately credentialed, responsible medical staff member, a limited staff member or other licensed healthcare professional.

(b) At the time of discharge, the appropriately credentialed attending medical staff member, limited staff member, or other licensed healthcare professional is responsible for certifying the principal diagnosis, secondary diagnosis, the principal procedure, if any, and any other significant invasive procedures that were performed during the hospitalization. If a principal diagnosis has not yet been determined, then a "provisional" principal diagnosis should be used instead.

(c) The discharge summary must be available to any facility receiving the patient before the patient arrives at the facility. Similarly, the discharge summary must be available to the care provider before the patient arrives at any outpatient care visit subsequent to discharge. The discharge summary should be available within forty-eight hours of discharge for all patients. The discharge summary should be signed by the responsible attending medical staff member within forty-eight hours of availability.

- (d) The discharge summaries must contain the following elements:
- i. hospital course including reason for hospitalization and significant findings upon admission;
- ii. principal and secondary diagnoses or provisional diagnosis;
- iii. relevant diagnostic test results;
- iv. procedures performed and care, treatment and services provided;
- v. condition on discharge;
- vi. medication list and medication instructions;
- vii. plan for follow-up of tests and studies for which results are pending at discharge;



# Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

viii. coordination and planning for follow-up testing and physician appointments;

ix. plans for follow-up care and communication, and the instructions provided to the patient.

(e) All medical records must be completed by the attending medical staff member or, when applicable, the limited staff member or other licensed healthcare professional who is appropriately credentialed by the hospital, within twenty-one days of discharge of the patient.

(f) Attending medical staff members shall be notified prior to suspension for all incomplete records. After notification, attending medial staff members shall have their admitting and operative scheduling privileges suspended until all records are completed. Attending medical staff members shall receive electronic notification of delinquent records. If an attempt is made by the attending medical staff member, or the attending medical staff member's designee, who is appropriately credentialed by the hospital, when applicable, to complete the record, and the record is not available electronically for completion, the record shall not be counted against the attending medical staff member. Medical staff members who are suspended for a period of longer than one hundred twenty consecutive days are required to appear before the practitioner evaluation committee.

(g) Records which are incomplete greater than twenty-one days after discharge or the patient's visit are defined as delinquent.

(4) Confidentiality.

Access to medical records is limited to use in the treatment of patients, research, and teaching. All medical staff members are required to maintain the confidentiality of medical records. Improper use or disclosure of patient information is subject to disciplinary action.

(5) Ownership.

Medical records of hospital sponsored care are the property of the hospital and shall not be removed from the hospital's jurisdiction and safekeeping except in accordance with a court order, subpoena, or statute.

(6) Records storage, security, and accessibility.

All patient's records, pathological examinations, slides, radiological films, photographic records, cardiographic records, laboratory reports, statistical evaluations, etc., are the property of the CHRI and shall not be taken from the CHRI except on court order, subpoena or statute duly filed with the medical record administrator or the hospital administration. The hospital administration may, under certain conditions, arrange for copies or reproductions of the above records to be made. Such copies may be removed from the hospital after the medical record administrator or the proper administrative authority has received a written receipt thereof. In



## Rules and Regulations of the Medical Staff of the

Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

the case of readmission of the patient, all previous records or copies thereof shall be available for the use of the attending medical staff member.

In general, medical records shall be maintained by the hospital. Records on microfilms, paper, electronic tape recordings, magnetic media, optical disks, and such other acceptable storage techniques shall be used to maintain patient records for twenty-one years for minors and ten years for adults. In the case of readmission of the patient, all records or copies thereof from the past ten/twenty-one years shall be available for the use of the attending medical staff member or other health care providers.

(7) Informed consent documentation.

(a) Where informed consent is required for a special procedure (such as surgical operation), documentation that such consent has been obtained must be made in the hospital record prior to the initiation of the procedure.

(b) In the case of limb amputation, a limb disposition form, in duplicate, must be signed prior to the operation.

(8) Sterilization consent.

Prior to the performance of an operative procedure for the expressed purpose of sterilization of a (male or female) patient, the attending medical staff member shall be responsible for the completion of the legal forms provided by the hospital and signed by the patient. Patients who are enrolled in the Medicaid program must have their forms signed at least thirty days prior to the procedure. Informed consent must also be obtained from one of the parents or the guardian of an unmarried minor.

(9) Criteria changes.

The medical information management department shall make recommendations for changes in the criteria for record completion with approval of the medical staff.

(10) Entries and authentication.

(a) Entries in the medical record can only be made by staff recommended by the medical information management department subject to the approval of the medical staff.

(b) All entries must be legible and complete and must be authenticated, dated and timed promptly by the person, identified by name and credentials, who is responsible for ordering, providing, or evaluating the service furnished.

(c) The electronic signature of medical record documents requires a signing password. At the time the password is issued, the individual is required to sign a statement that she/he will be the only person using the password. This statement will be maintained in the department responsible for the electronic signature.



## Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

(d) Signature stamps may not be used in the medical record.

(11) Abbreviations.

Abbreviations, acronyms and symbols appearing on the non-approved abbreviations list may not be used in the medical record.

(Board approval dates: 9/18/2009, 4/8/2011, 8/31/2012, 4/6/2016, 9/2/2016, 4/6/2018)

## 10 Committees.

No Change

## 11 Standards of practice.

No Change

## 12 Mechanism for changing rules and regulations.

No change

## 13 Adoption of the rules and regulations.

No Change

## 14 Sanctions.

No Change

## Appendix LXIII

#### SUMMARY OF ACTIONS TAKEN

May 29, 2019 - Wexner Medical Center Board Meeting

Non-Voting, Ex-Officio Members Present:

#### Voting Members Present:

Leslie H. Wexner Timothy P. Smucker Abigail S. Wexner Cheryl L. Krueger Hiroyuki Fujita

Janet Porter Stephen D. Steinour Robert H. Schottenstein W.G. "Jerry" Jurgensen

Andrew M. Thomas

Elizabeth O. Seely

Mary A. Howard

William B. Farrar

John W. Zeiger

Cindy Hilsheimer Michael V. Drake (ex officio) Bruce A. McPheron (ex officio) Michael Papadakis (ex officio)

Thomas Ryan Amanda N. Lucas

#### K. Craig Kent L. Arick Forrest David P. McQuaid

Mark E. Larmore

Members Absent:

Susan D. Moffat-Bruce

#### PUBLIC SESSION

The Wexner Medical Center Board convened for its 30th meeting on Wednesday, May 29, 2019, in the Ross Auditorium of the Richard M. Ross Heart Hospital. Board Secretary Jessica A. Eveland called the meeting to order at 10:03 a.m.

#### Item for Action

1. <u>Approval of Minutes</u>: No changes were requested to the February 20, 2019, meeting minutes; therefore, a formal vote was not required and the minutes were considered approved.

#### Items for Discussion

- 2. <u>Pelotonia Update</u>: Dr. Raphael Pollock and Doug Ulman talked about the success of Pelotonia. In the past 10 years, riders, volunteers and donors from all 50 states and 72 countries have raised more than \$186 million through Pelotonia, and 100 percent of every dollar raised has gone directly to research on campus. Those dollars have recruited some of the top scientists in the world, invested in some of the brightest young minds at Ohio State and ultimately translated into therapies that are improving and saving lives around the world, not just in Ohio.
- 3. <u>The Future of Learning</u>: In keeping with the "Innovations in Learning" theme for this meeting, College of Medicine students and faculty discussed the future of learning. One fascinating development in the medical school curriculum has been the creation of virtual patients. These are avatar representations of human patients that are controlled by artificial intelligence, and they have the ability to carry on nuanced conversations. The College of Medicine in collaboration with the areas of Computer Science & Engineering, Computational Linguistics and the Advanced Computing Center for the Arts and Design created these virtual patients as learning tools for med students who need to practice their interactions in a clinical setting.
- 4. <u>The James Report</u>: Dr. Bill Farrar gave progress updates on two programs within The James Total Cancer Care and CancerBridge. Over the past five years, 52,000 patients have joined the Total Cancer Care Protocol, which involves the collection and study of tissue and blood samples from cancer patients in order to help researchers find ways to individualize cancer prevention, detection and treatment. Nearly 4,000 specimens have already been submitted. Meanwhile, more than 20 companies are using CancerBridge to help employees and their families understand and navigate the cancer healthcare environment.
- 5. <u>College of Medicine Report</u>: Dr. Craig Kent introduced two new recruits Isabelle Deschênes, who will serve as chair of the Department of Physiology and Cell Biology and the inaugural Bernie Frick Research Chair in Heart Failure and Arrhythmia; and Luan Phan, the Charles F. Sinsabaugh Chair in Psychiatry and chair of the Department of Psychiatry and Behavioral Health. Dr. Kent also shared that Ohio State was recently selected to receive a \$66 million grant as part of the federal HEALing Communities Study to address the opioid epidemic. This is the largest research grant ever awarded to the university and it will enable us to lead a consortium of academic, state and community partners with a goal of reducing overdose deaths by 40 percent over three years.

- 6. <u>Wexner Medical Center Operations Report</u>: David McQuaid shared that Dr. Tom Ryan has been named executive director of the Ross Heart Hospital, a role he has been filling in an interim capacity. Mr. McQuaid also noted that the medical center has once again received an "A" letter grade from the Leapfrog Group in recognition of our high levels of patient safety.
- 7. Wexner Medical Center Financial Summary and FY20 Budget Review: Mark Larmore conducted a review of the FY20 budget, which will go before the University Board of Trustees for approval. As part of the financial summary, Mr. Larmore also shared that admissions volume is slightly ahead of prior year numbers and ambulatory volume continues to be strong. Length of stay has been higher than preferred, but progress is being made to bring that number down. Operating revenue is ahead of budget by 1.2 percent and growth year-over-year is 7.6 percent. The bottom line across the medical center is \$224 million.

#### Items for Action

8. Resolution No. 2019-90, Recommend for Approval to Enter Into/Increase Professional Services and Construction Contracts

<u>NOTE</u>: This item for action contains only the contracts related to the Wexner Medical Center. The complete version of Resolution No. 2019-90 is available as part of the May 31, 2019, University Board of Trustees meeting minutes.

Synopsis: Authorization to enter into/increase professional services and construction contracts, as detailed in the attached materials, is proposed.

WHEREAS in accordance with the attached materials, the university desires to enter into professional services contracts for the following project; and

|  | Professional<br>Service Approval<br>Requested | Total<br>Project<br>Cost |                 |
|--|---|--------------------------|-----------------|
| Wexner Medical Center Regional<br>Ambulatory Facilities – Dublin | \$12.0M                                       | TBD                      | Auxiliary Funds |

WHEREAS in accordance with the attached materials, the university desires to enter into/increase professional services contracts and construction contracts for the following projects; and

|   | Prof.Serv. Approval<br>Requested | Construction<br>Approval<br>Requested | Total<br>Requested |                 |
|---|----------------------------------|---------------------------------------|--------------------|-----------------|
| Morehouse Tower – 7th & 8th Floor<br>Updates            | \$0.7M                           | \$4.3M                                | \$5.0M             | Auxiliary Funds |
| Wexner Medical Ambulatory Facilities –<br>Hamilton Road | \$11.0M                          | \$114.9M                              | \$137.9M           | Auxiliary Funds |

WHEREAS in accordance with the attached materials, the university desires to enter into construction contracts for the following project; and

|  | Construction<br>Approval<br>Requested | Total<br>Requested |                 |
|--|---------------------------------------|--------------------|-----------------|
| Wexner Medical Center West Campus<br>Ambulatory Facilities | \$6.6M                                | TBD                | Auxiliary Funds |

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves and proposes that the professional services and construction contracts for the projects listed above be recommended to the University Board of Trustees for approval; and

BE IT FURTHER RESOLVED, That the President and/or Senior Vice President for Business and Finance be authorized to enter into/increase professional services and construction contracts for the projects listed above in accordance with established university and State of Ohio procedures, with all actions to be reported to the board at the appropriate time.

(See Attachment XII for background information, page 1449)

Action: Upon the motion of Dr. Drake, seconded by Ms. Krueger, the board adopted the foregoing motion by majority voice vote with the following members present and voting: Mr. Wexner, Mr. Smucker, Ms. Krueger, Dr. Fujita, Mr. Zeiger, Dr. Porter, Mr. Steinour, Mr. Schottenstein, Mr. Jurgensen, Ms. Hilsheimer, Dr. Drake, Dr. McPheron and Mr. Papadakis. Mrs. Wexner abstained.

9. Resolution No. 2019-81, Approval of the Franklin County Health Map Priorities

Synopsis: Consistent with federal requirements, a community health needs assessment is conducted every three years for Franklin County, and Hospitals, public health entities and others work collaboratively to determine health status and community needs. Approval of the resulting Franklin County Health Map priorities and plan of action, is proposed.

WHEREAS the mission and strategic plan of the Wexner Medical Center is to improve health in Ohio and across the world through innovation in research, education and patient care; and

WHEREAS the Franklin County Health Map 2019 gives a comprehensive overview of our community's health status and needs; and

WHEREAS each hospital is asked to obtain approval from their respective hospital boards of the Franklin County Health Map priorities and interventions: and

WHEREAS the community priorities of 1) Mental Health and Addiction, 2) Poverty and Income, and 3) Infant Mortality, will be addressed through our Healthy Communities action plan, and are being recommended to the Wexner Medical Center Board for approval:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the Franklin County Health Map priorities and plan of action for The Ohio State University Wexner Medical Center.

(See Attachment XIII for background information, page 1456)

#### 10. Resolution No. 2019-82, Ratification of Committee Appointments 2019-2020

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves that the ratification of appointments to the Quality and Professional Affairs Committee for 2019-2020 are as follows:

> Quality and Professional Affairs Committee Cheryl L. Krueger, Chair JANET PORTER, VICE CHAIR HAROLD L. PAZ Bruce A. McPheron Michael Papadakis David P. McQuaid Andrew M. Thomas David E. Cohn Jon P. Walker (term ends June 30, 2019) MINKA SCHOFIELD (term begins July 1, 2019) John C. Grecula Scott A. Holliday lahn Gonsenhauser JACALYN BUCK Kristopher M. Kipp Abigail S. Wexner (ex officio)

#### 11. Resolution No. 2019-83, Approval of Patient Care Services Contract Evaluation - University Hospitals

Synopsis: Approval of the annual review of patient care services contracts for The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East, is proposed.

WHEREAS the mission of the Wexner Medical Center is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the University Hospitals patient care services contracts are evaluated annually to review scope, nature and quality of services provided to clinical departments and personnel who provide care and services for inpatient and outpatient care at The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East; and

WHEREAS the annual review of these contracts was approved by University Hospitals Medical Staff Administrative Committee on December 12, 2018; and

WHEREAS the annual review of these contracts was approved by the Quality and Professional Affairs Committee on February 19, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the annual review of patient care services contracts for The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East as outlined in the attached UH Patient Care Contract Evaluation Summary.

(See Attachment XIV for background information, page 1458)

#### 12. Resolution No. 2019-84, Approval of Patient Care Services Contract Evaluation - The James Cancer Hospital

Synopsis: Approval of the annual review of patient care services contracts for the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, is proposed.

WHEREAS the mission of the Wexner Medical Center is to improve people's lives through the provision of high-quality patient care: and

WHEREAS the James Cancer Hospital patient care services contracts are evaluated annually to review scope, nature and quality of services provided to clinical departments and personnel who provide care and services for inpatient and outpatient care at the James Cancer Hospital; and

WHEREAS the annual review of these contracts was approved by the James Medical Staff Administrative Committee on April 13, 2018; and

WHEREAS the annual review of these contracts was approved by the Quality and Professional Affairs Committee on February 19, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the annual review of patient care services contracts for the James Cancer Hospital as outlined in the attached the James Cancer Hospital Patient Care Contract Evaluation Summary. (See Attachment XV for background information, page 1462)

#### 13. Resolution No. 2019-119, Amendments to the Rules and Regulations of the Medical Staff of University Hospitals

Synopsis: The amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals are recommended for approval.

WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff Administrative Committee on January 9, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff on January 23, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff on January 23, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University

Hospitals were approved by the Quality and Professional Affairs Committee on March 26, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals were approved by the Wexner Medical Center Board on May 29, 2019; and NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the Rules and Regulations of the Medical Staff of The Ohio State University Hospitals.

(See Attachment XVI for background information, page 1466)

## 14. <u>Resolution No. 2019-120 Amendments to the Rules and Regulations of the Medical Staff of The James Cancer Hospital</u> Synopsis: The amendments to the Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute are recommended for approval. WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the James Medical Staff Administrative Committee on January 18, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the James Medical Staff on January 23, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the James Medical Staff on January 23, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the Quality and Professional Affairs Committee on March 26, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the Quality and Professional Affairs Committee on March 26, 2019; and WHEREAS the proposed amendments to the Rules and Regulations of the Medical Staff of the James Cancer Hospital were approved by the Wexner Medical Center Board on May 29, 2019: NOW THEREFORE BE IT RESOLVED, That the Board of Trustees hereby approves the attached amendments to the Rules and Regulations of

the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute. (See Attachment XVII for background information, page 1474)

#### 15. Resolution No. 2019-85, Patient Complaint and Grievance Management Process - Wexner Medical Center

Synopsis: Approval of the process for managing patient complaints and grievances for University Hospital, East Hospital, Brain and Spine Hospital, Richard M. Ross Heart Hospital, Harding Hospital, Dodd Rehabilitation Hospital, Ambulatory Clinics and Services, is proposed.

WHEREAS the mission of the Wexner Medical Center is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the Wexner Medical Center provides patient care in a manner that promotes patient satisfaction; and WHEREAS in order to promote patient satisfaction, the Wexner Medical Center is committed to resolving any patient complaints and grievances that may arise in a timely and effective manner; and

WHEREAS the patient complaint and grievance management process was approved by the Quality and Professional Affairs Committee on May 28, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves the process for managing patient complaints and grievances as outlined in the attached policy; and

BE IT FURTHER RESOLVED, That the Wexner Medical Center Board hereby delegates the responsibility of reviewing and resolving grievances to the OSU Wexner Medical Center Grievance Committee chaired by the Chief Quality and Patient Safety Officer for the Wexner Medical Center and comprised of such other members as the committee deems necessary to review and resolve any individual grievance.

(See Attachment XVIII for background information, page 1483)

 <u>Resolution No. 2019-86, Patient Complaint and Grievance Management Process – The James Cancer Hospital</u> Synopsis: Approval of the process for managing patient complaints and grievances for The Arthur G. James Cancer Hospital and Solove Research Institute (the "James Cancer Hospital"), is proposed.

WHEREAS the mission of the Wexner Medical Center and the James Cancer Hospital is to improve people's lives through the provision of high quality patient care; and

WHEREAS the Wexner Medical Center and the James Cancer Hospital provide patient care in a manner that promotes patient satisfaction; and

WHEREAS in order to promote patient satisfaction, the Wexner Medical Center and the James Cancer Hospital are committed to resolving any patient complaints and grievances that may arise in a timely and effective manner; and

WHEREAS the patient complaint and grievance management process for the James Cancer Hospital was approved by the Quality and Professional Affairs Committee on May 28, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves the process for managing patient complaints and grievances for the James Cancer Hospital as outlined in the attached policy; and

BE IT FURTHER RESOLVED, That the Wexner Medical Center Board hereby delegates the responsibility of reviewing and resolving grievances to the James Grievance Committee which shall be comprised of the Director of Medical Affairs of the James or respective designee, the Patient Experience Director for the James or respective designee and such other members as the committee deems necessary to review and resolve patient grievances.

(See Attachment XVIII for background information, page 1483)

 <u>Resolution No. 2019-87, Approval of the Clinical Quality, Patient Safety and Reliability Plan – The James Cancer Hospital</u> Synopsis: Approval of the annual review of the clinical quality, patient safety and reliability plan for The Arthur G. James Cancer Hospital, is proposed.

WHEREAS the mission of the Wexner Medical Center and The James Cancer Hospital is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the clinical quality, patient safety and reliability plan outlines assessment and improvement of processes in order to deliver safe, effective, optimal patient care and services in an environment of minimal risk for inpatients and outpatients of the James Cancer Hospital:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves the Clinical Quality, Patient Safety and Reliability

Plan for the James Cancer Hospital.

(See Attachment XIX for background information, page 1493)

Action: Upon the motion of Dr. Drake, seconded by Mrs. Wexner, the board adopted the foregoing motions by unanimous voice vote with the following members present and voting: Mr. Wexner, Mr. Smucker, Mrs. Wexner, Ms. Krueger, Dr. Fujita, Mr. Zeiger, Dr. Porter, Mr. Steinour, Mr. Schottenstein, Mr. Jurgensen, Ms. Hilsheimer, Dr. Drake, Dr. McPheron and Mr. Papadakis.

#### EXECUTIVE SESSION

It was moved by Dr. Drake, and seconded by Mrs. Wexner, that the board recess into executive session to consider business-sensitive trade secrets required to be kept confidential by federal and state statutes, to discuss quality matters which are required to be kept confidential under Ohio law, to consult with legal counsel regarding pending or imminent litigation, and to discuss the purchase of real property and personnel matters regarding the employment, appointment, compensation, discipline and dismissal of public officials.

A roll call vote was taken and the board unanimously voted to go into executive session, with the following members present and voting: Mr. Wexner, Mr. Smucker, Mrs. Wexner, Ms. Krueger, Dr. Fujita, Mr. Zeiger, Dr. Porter, Mr. Steinour, Mr. Schottenstein, Mr. Jurgensen, Ms. Hilsheimer, Dr. Drake, Dr. McPheron and Mr. Papadakis.

The board entered executive session at 12:25 p.m. and the board meeting adjourned at 2:11 p.m.

Attachment XII

The Ohio State University Wexner Medical Center Board May 29, 2019

## RECOMMEND FOR APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

| WMC Regiona  |   | ONAL SERVICES C<br>Facilities – Dublir  |  |                                    |
|--|---|---|--|------------------------------------|
| APPROVAL TO ENTER INTO/INCREASE P<br>Morehouse T<br>WMC Regional A   | ower - 7th & 8  | <sup>th</sup> Floor Updates   |  | ONTRACTS                           |
| Approval to Ent<br>WMC West  |   | TRUCTION CONTRA   | ACTS   |                                    |
| Synopsis: Authorization to enter into/increase<br>n the attached materials, is proposed.   | e professional  | services and cor  | struction cont   | racts, as detailed                 |
| WHEREAS in accordance with the attached<br>services contracts for the following project; a   |   | university desire   | s to enter into  | professional                       |
|  | Prof. Ser<br>Requeste   | rv. Approval<br>ed  | Total<br>Project<br>Cost   |                                    |
| WMC Regional Ambulatory Facilities –<br>Dublin   | \$12.0M   |   | TBD  | Auxiliary Funds                    |
| WHEREAS in accordance with the attached  | materials the   | university desired  | to optor intol   | 1                                  |
|  |   |   |  | Increase                           |
| orofessional services contracts and construc   |   |   | orojects; and<br>n Total<br>Project  | Increase                           |
|  | tion contracts<br>Prof. Serv.<br>Approval   | for the following  <br>Constructio<br>Approval  | orojects; and<br>n Total<br>Project  | Auxiliary Funds                    |
| professional services contracts and construc<br>Morehouse Tower – 7 <sup>th</sup> & 8 <sup>th</sup> Floor  | tion contracts<br>Prof. Serv.<br>Approval<br>Requested  | for the following  <br>Constructio<br>Approval<br>Requested   | projects; and<br>n Total<br>Project<br>Cost  | Auxiliary Funds                    |
| orofessional services contracts and construc<br>Morehouse Tower – 7 <sup>th</sup> & 8 <sup>th</sup> Floor<br>Updates<br>WMC Regional Ambulatory Facilities<br>– Hamilton Rd<br>WHEREAS in accordance with the attached | tion contracts<br>Prof. Serv.<br>Approval<br>Requested<br>\$0.7M<br>\$11.0M                                     | for the following  <br>Constructic<br>Approval<br>Requested<br>\$4.3M<br>\$114.9M                       | orojects; and<br>n Total<br>Project<br>Cost<br>\$5.0M<br>\$137.9M  | Auxiliary Funds<br>Auxiliary Funds |
| professional services contracts and construct<br>Morehouse Tower – 7 <sup>th</sup> & 8 <sup>th</sup> Floor<br>Updates<br>WMC Regional Ambulatory Facilities  | tion contracts<br>Prof. Serv.<br>Approval<br>Requested<br>\$0.7M<br>\$11.0M<br>materials, the<br>Cc<br>Ap       | for the following  <br>Constructic<br>Approval<br>Requested<br>\$4.3M<br>\$114.9M                       | orojects; and<br>n Total<br>Project<br>Cost<br>\$5.0M<br>\$137.9M  | Auxiliary Funds<br>Auxiliary Funds |
| orofessional services contracts and construc<br>Morehouse Tower – 7 <sup>th</sup> & 8 <sup>th</sup> Floor<br>Updates<br>WMC Regional Ambulatory Facilities<br>– Hamilton Rd<br>WHEREAS in accordance with the attached | tion contracts<br>Prof. Serv.<br>Approval<br>Requested<br>\$0.7M<br>\$11.0M<br>materials, the<br>Cc<br>Ap<br>Re | for the following  <br>Constructio<br>Approval<br>Requested<br>\$4.3M<br>\$114.9M<br>university desires | orojects; and<br>n Total<br>Project<br>Cost<br>\$5.0M<br>\$137.9M<br>s to enter into<br>Total<br>Project | Auxiliary Funds<br>Auxiliary Funds |

The Ohio State University Wexner Medical Center Board May 29, 2019

#### RECOMMEND FOR APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS (CONT)

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves and proposes that the professional services and construction contracts for the projects listed above be recommended to the University Board of Trustees for approval; and

BE IT FURTHER RESOLVED, That the President and/or Senior Vice President for Business and Finance be authorized to enter into/increase professional services and construction contracts for the projects listed above in accordance with established university and State of Ohio procedures, with all actions to be reported to the board at the appropriate time.

## WMC Regional Ambulatory Facilities - Dublin

OSU-180636-1 (CNI#18000177, 19000140) Project Location: Dublin, Ohio

| • | approval requested and amount<br>professional services   | \$12.0M               |
|---|--|-----------------------|
| • | project budget<br>professional services (through DD)<br>construction w/contingency<br>total project budget | \$12.0M<br>TBD<br>TBD |
| • | <b>project funding</b> <ul> <li>university debt</li> </ul>   |                       |

- □ development funds
- university funds
- $\boxtimes$  auxiliary funds (health system)
- □ state funds

#### • project schedule

| BoT professional services approval | 5/19        |
|------------------------------------|-------------|
| design                             | 6/19 – 6/20 |
| construction                       | 7/20 – 6/22 |
| facility opening                   | 9/22        |
|                                    |             |

### project delivery method

- □ general contracting
- □ design/build
- ⊠ construction manager at risk

#### planning framework

- consistent with the strategic plans of the university and Wexner Medical Center to provide medical services within community-based ambulatory facilities
- the FY 2019 Capital Investment Plan includes the \$4.0M professional services; the FY 2020 Capital Investment Plan includes \$8.0M for a total of \$12.0M for design services through Design Development

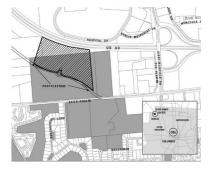
#### project scope

 the project will design an ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support

#### approval requested

 approval is requested to enter into professional services contracts for design services through Design Development

project team University project manager: Holly Cloud AE/design architect: CMR:



# Morehouse Tower – 7<sup>th</sup>& 8<sup>th</sup> Floor Updates

OSU-190180 (CNI#18000154)

Project Location: Morehouse Medical Plaza - Tower

| • | approval requested and amount prof serv/construction  | \$5.0M                     |
|---|---|----------------------------|
| • | project budget<br>professional services<br>construction w/contingency<br>total project budget | \$0.7M<br>\$4.3M<br>\$5.0M |

#### project funding

- university debt
- $\Box$  fundraising
- university funds
- auxiliary funds (health system)
- □ state funds

| 5/19        |
|-------------|
| 6/19 – 6/20 |
| 7/20 – 2/21 |
|             |



#### project delivery method

- ☑ general contracting
- □ design/build
- □ construction manager at risk

#### • planning framework

o this project is included in the FY 2019 Capital Investment Plan

#### project scope

- the project will renovate the recently vacated 7th floor for the Gastrointestinal Cancer Center, which is currently on the 8th floor. The program will include patient exam rooms, procedure room and support spaces
- o the project will also renovate the 8th floor for future patient services
- the scope includes HVAC updates, updates for ADA restroom compliance, and interior finish upgrades

#### approval requested

o approval is requested to enter into professional services contracts and construction contracts

project team
 University project manager: Kevin Koesters
 AE/design architect:

# WMC Regional Ambulatory Facilities – Hamilton Road

OSU-180636 (CNI# 18000157, 19000139) Project Location: Hamilton Road and SR 161

approval requested and amount

prof serv/construction \$125.9M

| <ul> <li>project budget</li> </ul> |          |
|------------------------------------|----------|
| professional services              | \$20.1M  |
| construction w/contingency         | \$117.8M |
| total project budget               | \$137.9M |

#### project funding

- university debt
- development funds
- university funds
- auxiliary funds (health system)
- ☐ state funds

#### • project schedule

| BoT professional services approval       | 4/18         |
|--|--------------|
| design                                   | 4/18 – 5/19  |
| BoT construction approval (site)         | 8/18         |
| BoT construction approval (full project) | 5/19         |
| construction                             | 10/18 – 5/21 |
| facility opening                         | 7/21         |

#### • project delivery method

- general contracting
- □ design/build
- ☑ construction manager at risk

#### planning framework

- consistent with the strategic plans of the university and Wexner Medical Center to provide medical services within community-based ambulatory facilities
- the FY 2019 Capital Investment Plan includes the remainder of professional services and a portion of construction costs; the FY 2020 Capital Investment Plan includes the remainder of construction costs

#### project scope

- design and construct an approximately 244,000 square foot ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support
- the facility will be located at Hamilton Road and SR 161 in Columbus

#### approval requested

- approval is requested to increase professional services and construction contracts for the remainder of design and construction
- project team
   University project manager: Holly Cloud
   AE/design architect: DLR Group
   CMR: Daimler Group



# WMC West Campus Ambulatory Facilities

OSU-180390 (CNI# 18000175)

Project Location: Kenny Road and Carmack Road

 approval requested and amount construction w/contingency

### project budget

- professional services (through DD) \$23.0M construction – enabling projects \$6.6M construction w/contingency TBD total project budget TBD
- project funding
  - university debt
  - □ development funds
  - □ university funds
  - ⊠ auxiliary funds (health system)
  - □ state funds

#### • project schedule

| BoT professional services approval   | 11/18        |
|--------------------------------------|--------------|
| design                               | 12/18 – 8/20 |
| BoT construction approval - enabling |              |
| construction                         | 9/20 - 12/22 |
| facility opening – proton            | 2022         |
| facility opening – ambulatory        | 2023         |

#### project delivery method

- □ general contracting
- □ design/build
- ⊠ construction manager at risk

#### planning framework

 consistent with the strategic plans of the university and Wexner Medical Center to provide highvalue care with an unparalleled patient experience

\$6.6M

- this project was included in the FY 2019 Capital Investment Plan for design; the enabling projects are included in the FY 2020 Capital Investment Plan
- o total project cost will be validated during design

#### project scope

- o the project will construct a new ambulatory facility on west campus
- the ambulatory center will be approximately 395,000 square feet and will include outpatient operating rooms, an endoscopy unit, an urgent care, a pre-anesthesia center, an outpatient diagnostic imaging center, and patient and building support spaces

#### approval requested

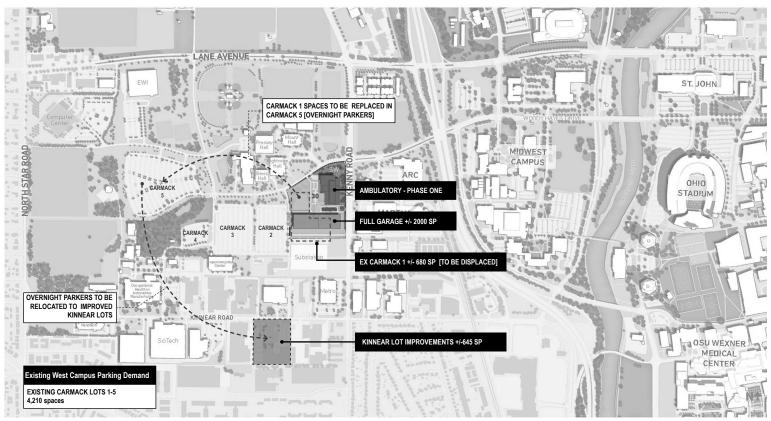
 approval is requested to enter into construction contracts to construct a parking lot on Kinnear Road and for initial proton equipment procurement

| • | project team                |                |
|---|-----------------------------|----------------|
|   | University project manager: | Mitch Dollery  |
|   | Study/Planning AE:          | Perkins & Will |
|   | AE/design architect:        | Perkins & Will |
|   | CM at Risk:                 | (selected)     |



# FIRST STEPS | KINNEAR LOT IMPROVEMENTS

0SU West Campus Master Plan May 2019



1455

Attachment XIII

The Ohio State University Wexner Medical Center Board May 29, 2019

#### APPROVAL OF THE FRANKLIN COUNTY HEALTH MAP PRIORITIES

#### THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

Synopsis: Consistent with federal requirements, a community health needs assessment is conducted every three years for Franklin County, and Hospitals, public health entities and others work collaboratively to determine health status and community needs. Approval of the resulting Franklin County Health Map priorities and plan of action, is proposed.

WHEREAS the mission and strategic plan of the Wexner Medical Center is to improve health in Ohio and across the world through innovation in research, education and patient care; and

WHEREAS the Franklin County Health Map 2019 gives a comprehensive overview of our community's health status and needs; and

WHEREAS each hospital is asked to obtain approval from their respective hospital boards of the Franklin County Health Map priorities and interventions; and

WHEREAS the community priorities of 1) Mental Health and Addiction, 2) Poverty and Income, and 3) Infant Mortality, will be addressed through our Healthy Communities action plan, and are being recommended to the Wexner Medical Center Board for approval:

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the Franklin County Health Map priorities and plan of action for The Ohio State University Wexner Medical Center.



Driving breakthrough healthcare solutions to improve people's lives.

HEALTHY COMMUNITIES

To create healthy communities by addressing Ohio's most pressing health needs

#### Strategic Plan Goals



Talent and Culture Foster an environment to attract and develop a diverse and talented team of people committed to creating a culture of innovation and discovery

Research Pioneer life-altering biomedical discoveries and their translation into breakthrough healthcare solutions



#### Education

Implement an innovative multidisciplinary education model to educate the most diverse and sought-after health professionals in the world



#### Healthcare Delivery Create innovative healthcare delivery models that deliver high-value care with unparalleled patient experience and access



Healthy Communities Create healthy communities by addressing Ohio's most pressing health needs. With partnerships throughout the state and nation, the medical center can leverage its tremendous resources to address Ohio's most pressing health needs.

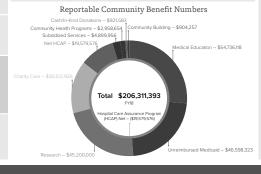


#### What is the Franklin County HealthMap?

- The Franklin County HealthMap 2019 serves as:
- A guide to target and prioritize limited resources.
- A vehicle to strengthen community relationships.
   A source of information that contributes to our op-

 A source of information that contributes to our goal of keeping people healthy.

Participating organizations include: The Ohio State University Wexner Medical Center, OhioHealth, Mount Carmel Health System, Nationwide Children's Hospital, Columbus Public Health, the Central Ohio Trauma System, the Central Ohio Area Agency on Aging, Franklin County Public Health, the Ohio Department of Health, the Ohio Disability and Health Program, PrimaryOne Health and the United Way of Central Ohio.



#### Wexner Medical Center Action Plan



- 1. Mental Health and Addiction:
- Recruit an addiction fellowship leader
- Monitor prescribing of opioids system-wide
- Start Medically Assisted Treatment (MAT) for addicted patients in our emergency departments and hospitals
- Through the Healthy State Alliance, partner with Mercy Health to address opioid crises across the state
- Enhance the primary care video visits program
- Add 18 beds at Harding Hospital



Moms2B<sup>2</sup>

- 2. Income/Poverty:
- Launch a mobile health unit that will include a medical provider and social worker
- Expand Community Health Day
- · Develop a health equity report
- Continue to evaluate and offer targeted health services on the Near East side
- Continue to partner with many community-based organizations
- 3. Maternal and Infant Health:
- Launch a mobile health unit that will include an Ob/Gyn provider and social worker
- Expand enrollment in Moms2B
- Expand lactation service consults and home visits
- Recruit additional staff to support Ob/Gyn outpatient clinics
- · Enhance awareness of smoking risks in pregnancy

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1457

Attachment XIV

The Ohio State University Wexner Medical Center Board May 29, 2019

#### PATIENT CARE SERVICES CONTRACT EVALUATION

UNIVERSITY HOSPITALS

Synopsis: Approval of the annual review of patient care services contracts for The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East, is proposed.

WHEREAS the mission of the Wexner Medical Center is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the University Hospitals patient care services contracts are evaluated annually to review scope, nature and quality of services provided to clinical departments and personnel who provide care and services for inpatient and outpatient care at The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East; and

WHEREAS the annual review of these contracts was approved by University Hospitals Medical Staff Administrative Committee on December 12, 2018; and

WHEREAS the annual review of these contracts was approved by the Quality and Professional Affairs Committee on February 19, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the annual review of patient care services contracts for The Ohio State University Hospital, Richard M. Ross Heart Hospital, Harding Hospital and University Hospital East as outlined in the attached UH Patient Care Contract Evaluation Summary.

{00282823-1}

# University Hospitals - Patient Care Contract Evaluation Summary: 2018 Contracts

| eniversity mosphuls Tuttent cure contr   | uce Li a   | autio  |                                |   |   | -010 0   | oner  | ucus   |   |   |  |  |  |  | -   |  |
|--|--|--|--------------------------------|---|---|--|---|--|---|---|--|--|--|--|---|--|
| Evaluation Criteria<br>All questions were answered by contract manager at Wexner<br>Medical Center. (Note: Some contracts do not have staff on-site<br>performing hands-on patient functions and thus not all<br>questions were applicable). | Alere – Home monitoring for patient weight, INR, and<br>Doppler blood pressure (NEW) | American Kidney Stone Management (AKSM) –<br>Lithotripsy technician at Outpatient Surgery Center | American Orthotics - Orthotics | American Red Cross – provides blood & blood<br>products | AMN HealthCare Inc – All temporary staffing needs | Asist Translations / US Together / Deaf Services /<br>Language Access Network - Translations – Interpreter<br>Services | <b>Bella Baby</b> – Onsite newborn photos (NEW) | <b>Cardinal Health</b> – provides radionucleotides for<br>nuclear medicine | CareLink - telephone interpretation of implantable cardiac devices by Medtronic | Champion – Environmental Services (NEW) | <b>Comtex</b> – cleans and disinfects soiled linen | <b>Crothall</b> – Environmental Services | EDM Express - Environmental Services (NEW) | For Tec Medical – Laser and Technician at Outpatient<br>Surgery Center | Fresinius Medical Holdings, Inc. – Dialysis equipment | <b>G Brands</b> – Environmental Services (NEW) |
| Accredited / certified?  | Y  | N  | Y                              | Y   | Y   | N  | Ν   | Y  | Ν   | Ν                                       | Y  | Ν  | Ν  | Ν  | Y   | Ν  |
| If not accredited / certified, meets standards?  | NA   | Ν  | Y                              | NA  | NA  | Y  | NA  | NA   | NA  | Y                                       | NA   | Y  | Y  | Y  | Y   | Y  |
| Outstanding requirements issued by accrediting body?   | Ν  | NA   | Ν                              | Y   | Ν   | Ν  | Ν   | Ν  | Ν   | Ν                                       | Ν  | Ν  | Ν  | Ν  | Ν   | Ν  |
| Nature and scope of services in writing?   | Y  | Y  | Y                              | Y   | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Contract expectations defined?   | Y  | Y  | Y                              | Y   | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Key quality indicators monitored?  | Y  | Y  | Y                              | Y   | Y   | Y  | Y   | Y  | Ν   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Performance / quality data provided?   | Ν  | Y  | Y                              | Y   | Y   | Y  | Y   | Ν  | Ν   | Ν                                       | Y  | Y  | Y  | Ν  | Y   | Y  |
| Protocol for improvement efforts when needed?  | Y  | Y  | Y                              | Y   | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Any improvements in the past year?   | Ν  | Ν  | Ν                              | Y   | Y   | Y  | Ν   | Ν  | Ν   | NA                                      | Y  | Y  | Y  | Y  | Y   | Y  |
| Agency:  |  |  |                                |   |   |  |   |  |   |   |  |  |  |  |   |  |
| Maintains job descriptions?  | Y  | Y  | Y                              | NA  | Y   | Y  | Y   | Y  | Ν   | Y                                       | Y  | Y  | NA   | Y  | Y   | NA   |
| Assures licensure, registration, or certifications?  | Y  | Y  | Y                              | NA  | Y   | Y  | Y   | Y  | Ν   | Y                                       | Y  | Y  | NA   | Y  | Y   | NA   |
| Provides orientation, initial competency assessment?   | Y  | Y  | Y                              | NA  | Y   | Y  | Y   | Y  | Ν   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Provides / ensures ongoing education?  | Y  | Y  | Y                              | NA  | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Performance appraisal / competency evaluation?   | Y  | Y  | Y                              | NA  | Y   | Y  | Y   | Y  | Ν   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
| Has a Corporate Compliance Plan?   | Unclear  | Y  | Y                              | Y   | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | NA                                       | NA   | Y  | Y   | NA   |
| Educate its staff and monitor HIPAA compliance?  |  |  |                                |   | Y   | Y  | Y   | Y  | Y   | Y                                       | Y  | Y  | Y  | Y  | Y   | Y  |
|  | Unclear  | Y  | Y                              | Y   | I   | 1  | 1   | 1  | 1   | 1                                       | 1  | 1  | I  | ĩ  | 1   | -  |
| Ever sanctioned by CMS?  | Unclear<br>Unclear   | Y<br>N   | Y<br>N                         | Y<br>N  | I<br>N  | N  | N   | N  | N   | N                                       | N  | N  | I<br>NA                                    | Y<br>N   | N   | NA   |
|  |  |  |                                |   |   |  | -   |  | -   |   |  |  | -  |  |   |  |

# Patient Care Contract Evaluation Summary: 2018 Contracts

|   | Healogics – provides outpatient wound healing services<br>including hyperbaric care at UH & UHE | V95 Fit Test | Infinity Orthopedics – Referrals from Spine Center for<br>back graces and TENS units (NEW) | In Touch – web enabled acute stroke medical treatment<br>consultation and decision support system with integrated<br>audio-visual capabilities | Langer – Sports Med Custom Foot Orthotics | Lifeline of Ohio – tissue and organ procurement organization for donor hospitals | LOOP - Organ Procurement Organization coordinates<br>organ and tissue donation for transplant (recipient) patients | Mayo Medical Labs – Primary reference lab for services<br>not available at OSU Wexner Medical Center | MedCare Ambulance – transportation for hospital<br>patients for which hospital is responsible for payment | MedFlight – Patient Transport as requested by hospital | <b>MModal</b> – Medical dictation equipment and edited transcription | Mobile Instruments – Repairs instruments and scopes in<br>Central Sterile Supply (NEW) | Nationwide Children's Echo – cardio echo tech on site<br>with equipment to scan neonates; results read by<br>Nationwide Childrens Hospital | Nationwide Children's Hospital – NICU management | Nationwide Children's Hospital – Healthy New Albany<br>- Radiology Services (NEW) | Nuvasive – Intra-operative services for neurosurgery |
|---|---|--------------|--|--|---|--|--|--|---|--|--|--|--|--|---|--|
| Accredited / certified?   | Y   | Y            | N  | N  | N   | Y  | Y  | Y  | Y   | Y  | N  |  | Y  | Y  | Y   | Y  |
| If not accredited / certified, meets standards?                         | NA  | NA           | Y  | NA   | Ν   | Y  | Y  | NA   | NA  | NA   | Y  | Y  | NA   |  |   | NA   |
| Outstanding requirements issued by accrediting body?                    | Ν   | Ν            | Ν  | Ν  | Ν   | Ν  | Ν  | Ν  | Ν   | Ν  | NA   | Ν  | Ν  | Ν  | Ν   | Ν  |
| Nature and scope of services in writing?                                | Y   | Y            | Y  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  | Y  | Y   | Y  |
| Contract expectations defined?  | Y   | Y            | Y  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  | Y  | Y   | Y  |
| Key quality indicators monitored?                                       | Y   | Y            | Y  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  | Y  | Y   | Y  |
| Performance / quality data provided?                                    | Y   | Y            | Y  | Y  | Ν   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Ν  | Y  | Y   | Y  |
| Protocol for improvement efforts when needed?                           | Y   | Y            |  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  |  | Y  |  | Y   | Y  |
| Any improvements in the past year?                                      | Y   | Y            |  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  |  | Ν   | Ν  |
| Agency:   |   |              |  |  |   |  |  |  |   |  |  |  |  |  |   |  |
| <ul> <li>Maintains job descriptions?</li> </ul>                         | Y   | Y            | Y  | NA   | Ν   | Y  |  | NA   | Y   | Y  | Y  | Ν  | Y  |  | Y   | Y  |
| <ul> <li>Assures licensure, registration, or certifications?</li> </ul> | NA  | Y            | Y  | NA   | Y   | Y  |  | NA   | Y   | Y  | NA   |  | Y  |  | Y   | Y  |
| Provides orientation, initial competency assessment?                    | Y   | Y            | Y  | NA   | Y   | Y  |  | NA   | Y   | Y  | Y  | Ν  | Y  |  | Y   | Y  |
| Provides / ensures ongoing education?                                   | Y   | Y            | Y  | NA   | Y   | Y  |  | NA   | Y   | Y  | Y  | Ν  | Y  |  | Y   | Y  |
| Performance appraisal / competency evaluation?                          | Y   | Y            | Y  | NA   | Y   | Y  |  | NA   | Y   | Y  | Y  | Ν  | Y  |  | Y   | Y  |
| Has a Corporate Compliance Plan?  | Ν   |              | Y  | Y  | Ν   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  |  | Y   | Ν  |
| Educate its staff and monitor HIPAA compliance?                         | Y   |              | Y  | Y  | Y   | Y  | Y  | Y  | Y   | Y  | Y  | Y  | Y  |  | Y   | Y  |
| Ever sanctioned by CMS?   |   | Ν            | Ν  | Ν  | Ν   | Ν  | Ν  | Ν  | Ν   | Ν  | Ν  |  | Ν  |  | Ν   | Ν  |
| Continuity plans if contract terminates?                                | Y   | Y            |  | Y  | Y   | Y  | NA   | Y  |   | Y  | Y  |  | Ν  |  | Y   | Y  |
| Federal regulations for clinical lab met?                               | NA  |              | NA   | NA   | NA  | NA   | NA   | Y  |   |  | NA   | Y  | NA   |  | NA  |  |

# Patient Care Contract Evaluation Summary: 2018 Contracts

|   | Pacific Interpreters – telephone service<br>for non-English proficient patients | PharMEDium – Compounds available<br>sterile drugs into FDA approved sterile<br>parenteral containers | <b>Quest – R</b> eference Lab Testing and United Healthcare Testing | <b>Recover Care Inc</b> – Repair and preventative maintenance to all hospital owned beds | Safecor Health - repackages oral solid, oral liquid and oral powder medications in unit dose or units of use packaging | <b>SBH</b> – Provides compounded sterile<br>projects not commercially available, assists<br>in compliance with USP 797 requirements<br>for high risk compounding | Scioto Services – EVS at CarePoint East | <b>Sound – 2</b> 4/7 hospitalists coverage for UHE | Specialty Care* - Neurophysiology<br>monitoring | <b>The Kings</b> – Environmental Services<br>(NEW) | US Together / CRIS / Reliable / Deaf<br>Services / Language Access Network–<br>Interpreter Services (evaluated in<br>conjunction with Asist Translations) | Versiti – Blood products (NEW) | Wright Center** - MRI overflow |
|---|---|--|---|--|--|--|---|--|---|--|---|--------------------------------|--------------------------------|
| Accredited / certified?   | Ν   | Y  | Y   | Ν  | Y  | Y  | Ν                                       | Ν  | Y   | Ν  | Ν   | Y                              |                                |
| If not accredited / certified, meets standards?                         | Y   | NA   | Y   | Y  | NA   |  |   | NA   |   | Y  | Y   | NA                             |                                |
| Outstanding requirements issued by accrediting body?                    | Ν   | Y  | N   | Ν  | Ν  | N  | Ν                                       | NA   | Ν   | Ν  | N   | Ν                              |                                |
| Nature and scope of services in writing?                                | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | TBD  | Y   | Y  | Y   | Y                              |                                |
| Contract expectations defined?  | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Key quality indicators monitored?                                       | Y   |  | Y   | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Performance / quality data provided?                                    | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Protocol for improvement efforts when needed?                           | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Any improvements in the past year?                                      | Y   | Y  | Y   | Y  | Ν  | N  | Y                                       | Y  | Ν   | Y  | Y   | NA                             |                                |
| Agency:   |   |  |   |  |  |  |   |  |   |  |   |                                |                                |
| Maintains job descriptions?   | Y   | Y  | NA  | Y  | Y  | Y  | Y                                       | Y  | Y   | NA   | Y   | Y                              |                                |
| <ul> <li>Assures licensure, registration, or certifications?</li> </ul> | Y   | Y  | NA  | Y  | Y  | Y  | Y                                       | Y  | Y   | NA   | Y   | Y                              |                                |
| Provides orientation, initial competency assessment?                    | Y   | Y  | NA  | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Provides / ensures ongoing education?                                   | Y   | Y  | NA  | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Performance appraisal / competency evaluation?                          | Y   | Y  | NA  | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Has a Corporate Compliance Plan?  | Y   | Y  | Y   | Ν  |  | Y  | Y                                       | Y  | Y   | NA   | Y   | Y                              |                                |
| Educate its staff and monitor HIPAA compliance?                         | Y   | NA   | Y   | Y  | Y  | Y  | Y                                       | Y  | Y   | Y  | Y   | Y                              |                                |
| Ever sanctioned by CMS?   | Ν   | N  | N   | Ν  | Ν  | Ν  | Ν                                       | N  | Ν   | NA   | Ν   | Ν                              |                                |
| Continuity plans if contract terminates?                                | Y   | Y  | Y   | Ν  | Y  | Y  |   | Ν  | Y   | Y  | Y   | Y                              |                                |
| Federal regulations for clinical lab met?                               | NA  | NA   | Y   | NA   | NA   | NA   | NA                                      | NA   | NA  | NA   | NA  | Y                              |                                |

\* Specialty Care formerly called Sentient \*\*Wright Center contract not yet signed for patient overflow. Terminated Contracts: Healthy New Albany Community Partnership, IMS Instrument Repair, OHA staffing solutions

#### Attachment XV

The Ohio State University Wexner Medical Center Board May 29, 2019

#### PATIENT CARE SERVICES CONTRACT EVALUATION

#### THE ARTHUR G. JAMES CANCER HOSPITAL AND RICHARD J. SOLOVE RESEARCH INSTITUTE

Synopsis: Approval of the annual review of patient care services contracts for the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, is proposed.

WHEREAS the mission of the Wexner Medical Center is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the James Cancer Hospital patient care services contracts are evaluated annually to review scope, nature and quality of services provided to clinical departments and personnel who provide care and services for inpatient and outpatient care at the James Cancer Hospital; and

WHEREAS the annual review of these contracts was approved by the James Medical Staff Administrative Committee on April 13, 2018; and

WHEREAS the annual review of these contracts was approved by the Quality and Professional Affairs Committee on February 19, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board approves the annual review of patient care services contracts for the James Cancer Hospital as outlined in the attached the James Cancer Hospital Patient Care Contract Evaluation Summary.

{00282826-1}

# James Cancer Hospital - Patient Care Contract Evaluation Summary: 2018 Contracts

| Evaluation Criteria<br>All questions were answered by contract manager at Wexner<br>Medical Center. (Note: Some contracts do not have staff on-site<br>performing hands-on patient functions and thus not all questions<br>were applicable). | American Kidney Stone Management (AKSM) –<br>Litthotripsy technician at Outpatient Surgery Center |          | AMN HealthCare Inc – Traveling RNs, sitters,<br>phlebotomists, surgical techs, sterile processing techs &<br>mammo techs contract | Asist Translations / US Together / Deaf Services /<br>Language Access Network - Translations – Interpreter<br>Services | Nuvasive– Intra-operative services for neurosurgery<br>(replaced Biotronics) | Cardinal Health – provides radionucleotides for nuclear<br>medicine | CareLink - telephone interpretation of implantable<br>cardiac devices by Medtronic | Comtex – cleans and disinfects soiled linen | Crothall – Environmental Services | ForTec Medical – Laser and Technician at Outpatient<br>Surgery Center | Fresinius Medical Holdings, Inc. | American Orthotics – Orthotics (replaced Hanger) | Healogics – provides outpatient wound healing services<br>including hyperbaric care at UH & UHE |
|--|---|----------|---|--|--|---|--|---|-----------------------------------|---|----------------------------------|--|---|
| Accredited / certified?  | Ν   | Y        | Y   | N  | Y  | Y   | N  | Y   | Ν                                 | Ν   | Y                                | Y  | Y   |
| If not accredited / certified, meets standards?  | Y   | NA       | NA  | Y  | NA   | NA  | N  | NA  | Y                                 | Y   | NA                               | NA   | NA  |
| Outstanding requirements issued by accrediting body?   | NA  | Y        | N   | N  | N  | Ν   | N  | Ν   | Ν                                 | Ν   | Ν                                | N  | Y   |
| Nature and scope of services in writing?   | Y   | Y        | Y   | Y  | Y  | Y   | Y  | Y   | Y                                 | Y   | Y                                | Y  | Y   |
| Contract expectations defined?   | Y   | Y        | Y   | Y  | Y  | Y   | Y  | Y   | Y                                 | Y   | Y                                | Y  | Y   |
| Key quality indicators monitored?  | Y   | Y        | Y   | Y  | Y  | Y   | N  | Y   | Y                                 | Y   | Y                                | Y  | Y   |
| Performance / quality data provided?   | Y   | Y        | Y   | Y  | Y  | N   | N  | Y   | Y                                 | N   | Y                                | Y  | Y   |
| Protocol for improvement efforts when needed?  | Y   | Y<br>Y   | Y<br>Y  | Y<br>Y   | Y<br>N   | Y   | Y<br>N   | Y<br>Y                                      | Y<br>Y                            | Y   | Y                                | Y  | Y   |
| Any improvements in the past year?   | Y   | Y        | Y   | Y  | IN   | Ν   | N  | Ŷ   | Y                                 | Y   | Y                                | N  | Y   |
| Agency:  |   |          |   |  |  |   |  |   |                                   |   |                                  |  |   |
| Maintains job descriptions?  | Y   | NA       | Y   | Y  | Y  | Y   | N  | Y   | Y                                 | Y   | Y                                | Y  | N   |
| Assures licensure, registration, or certifications?  | Y   | NA       | Y   | Y  | Y  | Y<br>Y  | N  | Y   | Y                                 | Y<br>Y  | Y<br>Y                           | Y  | N   |
| Provides orientation, initial competency assessment?     Provides / ensures ongoing education?   | Y   | NA<br>NA | Y<br>Y  | Y<br>Y   | Y<br>Y   | Y<br>Y  | N<br>Y   | Y<br>Y                                      | Y<br>Y                            | Y<br>Y  | Y<br>Y                           | Y<br>Y   | N<br>Y  |
| Performance appraisal / competency evaluation?   | Y   | NA       | Y   | Y  | Y  | Y   | N I  | Y   | Y                                 | Y   | Y                                | Y  | N   |
| Has a Corporate Compliance Plan?   | Y   | Y        | Y   | Y  | Y  | Y   | Y  | Y   | NA                                | Y   | Y                                | Y  | Y   |
| Educate its staff and monitor HIPAA compliance?  | Y   | Y<br>Y   | Y   | Y<br>Y   | Y  | Y   | Y<br>Y   | Y   | Y                                 | Y Y   | Y                                | Y  | Y   |
|  |   |          |   |  | Y<br>N   |   | Y<br>N   | Y<br>N                                      |                                   |   |                                  |  |   |
| Ever sanctioned by CMS?  | N   | N        | N   | N  | N<br>Y   | N   |  |   | N                                 | N   | N                                | N  | N   |
| Continuity plans if contract terminates?   | Y   | Y        | Y   | Y  |  | Y   | N  | Y   | Y                                 | Y   | N                                | Y  | Y   |
| Federal regulations for clinical lab met?  | NA  | Y        | NA  | NA   | NA   | NA  | N  | NA  | NA                                | NA  | NA                               | NA   | Y   |

# Patient Care Contract Evaluation Summary: 2018 Contracts

|   | Healthy New Albany – Community Partnership | In Touch – web enabled acute stroke medical<br>treatment consultation and decision support system<br>with integrated audio-visual capabilities | Langer – Sports Med Custom Foot Orthotics | Lifeline of Ohio – tissue and organ procurement<br>organization for donor hospitals | LOOP - Organ Procurement Organization coordinates<br>organ and tissue donation for transplant (recipient)<br>aatients | Mayo Medical Labs – primary reference lab for<br>services not available at OSU Wexner Medical Center | MedCare Ambulance – transportation for hospital<br>patients for which hospital is responsible for payment | MedFlight – Patient Transport as requested by hospital | MModal – Medical dictation equipment and edited<br>transcription | Nationwide Children's Echo – cardio echo tech on site<br>with equipment to scan neonates; results read by<br>Nationwide Childrens Hospital | Nationwide Children's – NICU management | *OHA - staffing solutions program for nursing, labs,<br>surgical techs, clerical, custodial, food services and<br>others |
|---|--|--|---|---|---|--|---|--|--|--|---|--|
| Accredited / certified?   | Y  | N  | N   | Y   | Y   | Y  | Y   | Ν  | N  | Y  | Y                                       | Ν  |
| If not accredited / certified, meets standards?                         | NA   | Y  | Y   | Y   | NA  | NA   | NA  | Y  | Y  | NA   | NA                                      | Y  |
| Outstanding requirements issued by accrediting body?                    | Ν  | N  | Ν   | Ν   | N   | Ν  | N   | Ν  | NA   | Ν  | Ν                                       | Ν  |
| Nature and scope of services in writing?                                | Y  | Y  | Y   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  |
| Contract expectations defined?  | Y  | Y  | Y   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  |
| Key quality indicators monitored?                                       | Y  | Y  | Y   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  |
| Performance / quality data provided?                                    | N  | Y  | N   | Y   | Y   | Y  | Y   | Y  | Y  | N  | Y                                       | N  |
| Protocol for improvement efforts when needed?                           | Y  | Y  | Y   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | Y  |
| Any improvements in the past year?                                      | Ν  | Y  | Y   | Y   | Y   | Y  | Ν   | Y  | Y  | Y  | Y                                       | Y  |
| Agency:   |  |  |   |   |   |  |   |  |  |  |   |  |
| <ul> <li>Maintains job descriptions?</li> </ul>                         | Y  | NA   | Ν   | Y   | Y   | NA   | Y   | Y  | Y  | Y  | Y                                       | Ν  |
| <ul> <li>Assures licensure, registration, or certifications?</li> </ul> | Y  | NA   | Y   | Y   | Y   | NA   | Y   | Y  | NA   | Y  | Y                                       | Y  |
| Provides orientation, initial competency assessment?                    | Y  | NA   | Y   | Y   | Y   | NA   | Y   | Y  | Y  | Y  | Y                                       | Y  |
| Provides / ensures ongoing education?                                   | Y  | NA   | Y   | Y   | Y   | NA   | Y   | Y  | Y  | Y  | Y                                       | N  |
| Performance appraisal / competency evaluation?                          | Y  | NA   | Y   | Y   | Y   | NA   | Y   | Y  | Y  | Y  | Y                                       | NA   |
| Has a Corporate Compliance Plan?  | Y  | Y  | N   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | ?  |
| Educate its staff and monitor HIPAA compliance?                         | Y  | Y  | Y   | Y   | Y   | Y  | Y   | Y  | Y  | Y  | Y                                       | N  |
| Ever sanctioned by CMS?   | Ν  | Ν  | Ν   | Ν   | N   | N  | N   | N  | N  | N  | Ν                                       | Ν  |
| Continuity plans if contract terminates?                                | Y  | Y  | Y   | Y   | NA  | Y  | Y   | Y  | Y  | N  | Y                                       | Y  |
| Federal regulations for clinical lab met?                               | NA   | NA   | NA  | NA  | NA  | Y  | NA  | NA   | NA   | NA   | NA                                      | NA   |

|  | Pacific Interpreters – telephone service<br>for non-Fnolish medicient natients | PharMEDium – Compounds available<br>sterile drugs into FDA approved sterile | Quest – Reference Lab Testing and<br>United Healthcare Testing | Recover Care Inc – Repair and<br>preventative maintenance to all hospital<br>owned beds | Safecor Health - repackages oral solid,<br>oral liquid and oral powder medications<br>in unit dose or units of use packaging with<br>human readable and machine readable | SBH – Provides compounded sterile<br>projects not commercially available,<br>assists in compliance with USP 797<br>requirements for high risk compounding | Sentient – Neurophysiology monitoring | Sound – 24/7 hospitalists coverage for<br>UHE | US Together / CRIS / Reliable / Deaf<br>Services / Language Access Network- |
|--|--|---|--|---|--|---|---------------------------------------|---|---|
| Accredited / certified?  | Ν  | Y   | Y  | N   | Y  | Y   | Ν                                     | Ν   | Ν   |
| If not accredited / certified, meets standards?  | Y  | NA  | Y  | Y   | NA   | NA  | Y                                     | Y   | Y   |
| Outstanding requirements issued by accrediting body?   | Ν  | Y   | Ν  | N   | Ν  | Ν   | Ν                                     | Ν   | Ν   |
| Nature and scope of services in writing?   | Y  | Y   | Y  | Y   | Y  | Y   | Ν                                     | Y   | Y   |
| Contract expectations defined?   | Y  | Y   | Y  | Y   | Y  | Y   | Y                                     | Y   | Y   |
| Key quality indicators monitored?  | Y  | Y   | Y  | Y   | Y  | Y   | Ν                                     | Y   | Y   |
| Performance / quality data provided?   | Y  | Y   | Y  | Y   | Y  | Y   | Ν                                     | Y   | Y   |
| Protocol for improvement efforts when needed?  | Y  | Y   | Y  | Y   | Y  | Y   | Y                                     | Y   | Y   |
| Any improvements in the past year?   | Y  | Y   | Y  | Y   | Y  | Ν   | Ν                                     | Y   | Y   |
| Agency:<br>• Maintains job descriptions?<br>• Assures licensure, registration, or certifications?<br>• Provides orientation, initial competency assessment?<br>• Provides / ensures ongoing education? | Y<br>Y<br>Y<br>Y   | Y<br>Y<br>Y<br>Y  | NA<br>NA<br>NA<br>NA   | Y<br>Y<br>Y<br>Y  | Y<br>Y<br>Y<br>Y   | Y<br>Y<br>Y<br>Y  | Y<br>Y<br>Y<br>Y                      | Y<br>Y<br>Y<br>Y                              | Y<br>Y<br>Y<br>Y  |
| <ul> <li>Performance appraisal / competency evaluation?</li> </ul>   | Y  | Y   | NA   | Y   | Y  | Y   | Y                                     | Y   | Y   |
| Has a Corporate Compliance Plan?   | Y  | Y   | Y  | Y   | Y  | Y   | Y                                     | Y   | Y   |
| Educate its staff and monitor HIPAA compliance?  | Y  | Y   | Y  | Y   | Y  | Y   | Y                                     | Y   | Y   |
| Ever sanctioned by CMS?  | N  | N   | N  | N   | N  | N   | N                                     | N   | N   |
| Continuity plans if contract terminates?   | Y  | Y   | Y  | Y   | Y  | Y   | Y                                     | N   | Y   |
| Federal regulations for clinical lab met?  | NA   | Y   | NA   | NA  | NA   | NA  | NA                                    | NA  | NA  |

\*Contract being canceled for 2018

Note: IMS contract elapsed late 2017. Replaced with Mobile Instruments. No data yet available for review. Wright Center contract not yet signed for patient overflow. Attachment XVI

The Ohio State University Wexner Medical Center Board May 29, 2019

#### AMENDMENTS TO THE RULES AND REGULATIONS OF THE MEDICAL STAFF OF UNIVERSITY HOSPITALS

Synopsis: The amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals are recommended for approval.

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff Administrative Committee on January 9, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the University Hospitals Medical Staff on January 23, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals were approved by the Quality and Professional Affairs Committee on March 26, 2019:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves and recommends that the attached amendments to the *Rules and Regulations of the Medical Staff* of The Ohio State University Hospitals be forwarded to the University Board of Trustees for approval.

Updated April 6, 2018

# THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

#### MEDICAL STAFF RULES AND REGULATIONS The Ohio State University Hospitals as of April 6, 2018

#### 84-1 Ethical pledge.

No changes.

#### 84-2 Admission procedures.

No changes.

84-3 Attending assignment.

No changes.

#### 84-4 Consultations.

No changes.

#### 84-5 Privileges for giving orders.

No changes.

84-6 Death and autopsy procedures.

No changes.

84-7 Emergency care.

No changes.

#### 84-8 Surgical case review.

No changes.

#### 84-9 Tissue disposition.

No changes.

#### 84-10 Committees and policy groups.

No changes.

#### 84-11 Medical records.

- (A) Each member of the medical staff shall conform to the medical information management department policies, including the following:
  - (1) Medical Record contents

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The attending medical staff member shall be ultimately responsible for the preparation of a complete medical record of each patient. The medical record may contain information collected and maintained by members of the medical staff, limited staff, other licensed healthcare professionals, medical students or providers who participate in the care of the patient in an electronic or paper form. This record shall include the following elements as it applies to the patient encounter:

- (a) Identification and demographic data including the patient's race and ethnicity.
- (b) The patient's language and communication needs.
- (c) Emergency care provided to the patient prior to arrival, if any.
- (d) The legal status of patients receiving mental health services.
- (e) Evidence of known advance directives.
- (f) Statement of present complaint.
- (g) History and physical examination.
- (h) Any patient generated information.
- (i) Provisional diagnosis.
- (j) Documentation of informed consent when required.
- (k) Any and all orders related to the patient's care.
- (I) Special reports, as those from:
  - The clinical laboratory, including examination of tissues and autopsy findings, when applicable.
  - Signed and dated reports of nuclear medicine interpretations, consultations, and procedures.
  - (iii) The radiology department.
  - (iv) Consultants.
- (m) Medical and surgical treatments.
- (n) Progress notes.
- (o) Pre-sedation or pre-anesthesia assessment and plans of care for patients receiving anesthesia.
- (p) An intra-operative anesthesia record.
- (q) Postoperative documentation records, including the patient's vital signs and level of consciousness; medications, including IV fluids, blood and blood components; any unusual events or postoperative complications; and management of such events
- (r) Postoperative documentation of the patient's discharge from the post-sedation or postanesthesia care area by the responsible licensed independent practitioner or according to discharge criteria.

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- (s) A post-anesthesia follow-up report written within forty-eight hours after surgery.
- (t) Reassessments and revisions of the treatment plan.
- (u) Every dose of medication administered and any adverse drug reaction.
- (v) Every medication dispensed to an inpatient at discharge.
- (w) Summary and final diagnosis as verified by the attending medical staff member's signature.
- (x) Discharge disposition, condition of patient at discharge, and instructions given at that time and the plan for follow up care.
- (y) Any referrals and communications made to external or internal providers and to community agencies.
- (z) Any records of communication with the patient made by telephone or email or patient electronic portal.
- (2) Deadlines and sanctions.
  - (a) A procedure note shall be entered in the record by the responsible attending medical staff member or the medical staff member's designee, who is appropriately credentialed by the hospital, immediately upon completion of an invasive procedure. Procedure notes must be written for any surgical or medical procedures, irrespective of their repetitive nature, which involve material risk to the patient. Notes for procedures completed in the operating rooms must be finalized in the operating room information system by the attending surgeon. For any formal operative procedures, a note shall include preoperative and postoperative diagnoses, procedure(s) performed and description of each procedure, surgeon(s), resident(s), anesthesiologist(s), surgical service, type of anesthesia (general or local), complications, estimated blood loss, any pertinent information not included on the O.R./anesthesia record, preliminary surgical findings, and specimens removed and disposition of each specimen. Where a formal operative report is appropriate, the report must be completed immediately following the procedure. The operative/procedure report must be signed by the attending medical staff member. Any operative/procedure report not completed or any procedure note for procedures completed in the operating rooms not completed in the operating room information system by ten a.m. the day following the procedure shall be deemed delinguent and the attending medical staff member responsible shall lose operating/procedure room and medical staff privileges the following day. The operating rooms and procedure rooms will not cancel cases scheduled before the suspension occurred. Effective with the suspension, the attending medical staff member will lose all privileges to schedule elective and add-on cases. The attending medical staff member will only

be allowed to schedule emergency cases until all delinquent operative/procedure reports are completed. All emergency cases scheduled by suspended medical staff members are subject to the review of the medical director and will be reported to the suspended medical staff members' chief of the clinical department and the medical director by the operating room staff. Affected medical staff members shall receive telephone calls from the medical information management department indicating the delinquent operative/procedure reports.

(b) Progress notes must provide a pertinent chronological report of the patient's course in the hospital and reflect any change in condition, or results of treatment. In the event that the patient's condition has not changed, and no diagnostic studies have been done, a progress note must be completed by the attending medical staff member or his or her designated member of the limited medical staff or practitioner with appropriate

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privileges at least once every day.

Each medical student or other licensed health care professional progress note in the medical records should be signed or counter-signed by a member of the attending, courtesy, or limited staff.

- (c)
   Medical staff members with more than twenty-five verbal orders that remain

   unsigned greater than twenty-one days after the date of the order will be subject

   to corrective action including administrative suspension which may include

   suspension of admitting and operating room scheduling privileges until the

   orders are signed.
   Medical staff members shall be notified electronically prior to

   suspension for unsigned verbal orders.
- (c) Birth certificates must be signed by the medical staff member who delivers the baby within one week of completion of the certificate. Fetal death certificates and death certificates must be signed and the cause of death must be recorded by the medical staff member with a permanent Ohio license within twenty-four hours of death.
- (d) Outpatient visit notes and letters to referring physicians, when appropriate, shall be completed within three days of the patient's visit.
- (e) All entries not previously defined must be signed within ten business days of completion.
- (f) Queries by clinical documentation specialists requesting clarification of a patient's diagnoses and procedures will be resolved within five business days of confirmed notification of request.
- (g) Office visit encounters shall be closed within one week of the patient's visit.
- (3) Discharges
  - (a) Patients may not be discharged without a written or electronically entered discharge order from the appropriately credentialed, responsible medical staff member, limited staff member, or other licensed healthcare professional.
  - (b) At the time of discharge, the appropriately credentialed attending medical staff member, limited staff member, or other licensed healthcare professional is responsible for verifying the principal diagnosis, secondary diagnoses, the principal procedure, if any, and any other significant invasive procedures that were performed during the hospitalization. If a principal diagnosis has not yet been determined, then a "provisional" principal diagnosis should be used instead.
  - (c) The discharge summary must be available to any facility receiving the patient before the patient arrives at the facility. Similarly, the discharge summary must be available to the care provider before the patient arrives at any outpatient care visit subsequent to discharge. The discharge summary should be available within forty-eight hours of discharge for all patients. The discharge summary should be signed by the responsible medical staff member within forty-eight hours of availability.
  - (d) The discharge summary must contain the following elements:
    - hospital course including reason for hospitalization and significant findings upon admission;
    - ii. principal and secondary diagnoses or provisional diagnoses;
    - iii. relevant diagnostic test results;

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iv. procedures performed and care, treatment and services provided; ivi.

condition at discharge;

- vi. medication list and medication instructions;
- vii. plan for follow up of tests and studies for which results are pending at discharge;
- viii. coordination and planning for follow-up testing and appointments;
- ix. plans for follow up care and communication, and the instructions provided to the patient.
- (e) A complete summary is required on all patients who expire, regardless of length of stay.
- (f) All medical records must be completed by the attending medical staff member or, when applicable, the limited staff member or other licensed healthcare professional within twenty-one days of discharge of the patient.
- (g) Attending medical staff members shall be notified prior to suspension for all incomplete records. After notification, attending medical staff members shall have their admitting and operative scheduling privileges suspended until all records are completed. Attending medical staff members shall receive electronic notification of delinquent records. If an attempt is made by the attending medical staff member, or the attending medical staff member's designee, who is appropriately credentialed by the hospital, when applicable, to complete the record, and the record is not available, electronically for completion, the record shall not be counted against the attending medical staff member. Medical staff members who are suspended for a period of longer than one hundred twenty consecutive days are required to appear before the practitioner evaluation committee.
- (h) Records which are incomplete, more than twenty-one days after discharge or the patient's visit are defined as delinquent.
- (4) Confidentiality.

Access to medical records is limited to use in the treatment of patients, research, and teaching. All medical staff members are required to maintain the confidentiality of medical records. Improper use or disclosure of patient information is subject to disciplinary action.

(5) Ownership.

Medical records of hospital-sponsored care including pathological examinations, slides, radiological films, photographic records, cardiographic records, laboratory reports, statistical evaluations, etc. are the property of the hospital and shall not be removed from the hospital's jurisdiction and safekeeping except in accordance with a court order, subpoena, or statute.

(6) Records storage and security.

In general, medical records shall be maintained by the hospital. Records on microfilms, paper, electronic tape recordings, magnetic media, optical disks, and such other acceptable storage techniques shall be used to maintain patient records for twenty-one years for minors and ten years for adults. In the case of readmission of the patient, all records or copies thereof from the past ten/twenty-one years shall be available for the use of the attending medical staff member or other health care providers.

- (7) Informed consent documentation.
  - (a) Where informed consent is required for a special procedure (such as surgical operation), documentation that such consent has been obtained must be made in

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the hospital record prior to the initiation of the procedure. Such documentation shall be incompliance with the hospitals policy and procedure manual section 03-27.

- (b) In the case of limb amputation, a limb disposition form, in duplicate, must be signed prior to the operation.
- (8) Sterilization consent.

Prior to the performance of an operative procedure for the expressed purpose of sterilization of a (male or female) patient, the attending medical staff member shall be responsible for the completion of the legal forms provided by the hospital and signed by the patient. Patients who are enrolled in the Medicaid program must have their forms signed at least thirty days prior to the procedure. Informed consent must also be obtained from one of the parents or the guardian of an unmarried minor.

(9) Criteria changes.

The medical information management department shall define the criteria for record completion subject to the approval of the medical staff.

- (10) Entries and authentication.
  - (a) Entries in the medical record can only be made by staff recommended by the medical information management department subject to the approval of the medical staff.
  - (b) All entries must be legible and complete and must be authenticated, timed and dated promptly by the person, identified by name and discipline, who is responsible for ordering, providing, or evaluating the service furnished.
  - (c) The electronic signature of medical record documents requires a signing password. At the time the password is issued, the individual is required to sign a statement that she/he will be the only person using the password. This statement will be maintained in the department responsible for the electronic signature system.
  - (d) Signature stamps may not be used in the medical record.

(Board approval dates: 9/6/2002, 3/5/2003, 6/4/2004, 5/6/2005, 11/4/2005, 2/2/2007, 11/2/2007, 6/6/2008, 9/18/2009, 4/8/2011, 8/31/2012, 4/6/2016, 9/2/2016, 4/6/2018)

#### 84-12 Operating room committee.

No changes.

#### 84-13 Pharmacy and therapeutics committee.

No changes.

#### 84-14 Transfusion and isoimmunization committee.

No changes.

#### 84-15 Standards of practice.

No changes.

Updated April 6, 2018

## 84-16 Mechanism for changing rules and regulations.

No changes.

#### 84-17 Adoption of the rules and regulations.

No changes.

#### 84-18 Sanctions.

No changes.

#### Attachment XVII

The Ohio State University Wexner Medical Center Board May 29, 2019

#### AMENDMENTS TO RULES AND REGULATIONS OF THE MEDICAL STAFF OF THE ARTHUR G. JAMES CANCER HOSPITAL AND RICHARD J. SOLOVE RESEARCH INSTITUTE

Synopsis: The amendments to the *Rules and Regulations of the Medical Staff* of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute are recommended for approval.

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by a joint University Hospitals and James Medical Staff Bylaws Committee on January 4, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the James Medical Staff Administrative Committee on January 18, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the James Medical Staff on January 23, 2019; and

WHEREAS the proposed amendments to the *Rules and Regulations of the Medical Staff* of the James Cancer Hospital were approved by the Quality and Professional Affairs Committee on March 26, 2019:

#### NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves and recommends that the attached amendments to the *Rules and Regulations of the Medical Staff* of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute be forwarded to the University Board of Trustees for approval.



#### 01 Ethical pledge.

No change

02 Admission procedures.

No change

03 Attending assignment.

No change

#### 04 Consultations.

No change

#### 05 Order writing privileges.

No change

#### 06 Death procedures.

No Change

#### 07 Emergency preparedness.

No Change

#### 08 Surgical case review (tissue committees).

No Change

#### 09 Tissue disposition.

No Change



#### 10 Medical records.

(A) Each member of the medical staff shall conform to the following medical information management department policies:

(1) Medical record contents.

(a) The attending physician is ultimately responsible for the preparation of a complete medical record for each patient. The medical record may contain information collected and maintained by members of the medical staff, limited staff, other licensed healthcare professionals, medical students or providers who participate in the care of the patient. This record shall including the following elements as it applies to the patient encounter:

- (i) Identification demographic data including the patient's race and ethnicity.
- (ii) The patient's language and communication needs.
- (iii) Emergency care provided to the patient prior to arrival, if any.
- (iv) The legal status of patients receiving mental health services.
- (v) Evidence of known advance directives.
- (vi) Statement of present complaint.
- (vii) History and physical examination.
- (viii) Any patient generated information.
- (ix) Provisional diagnosis.
- (x) Documentation of informed consent when required.
- (xi) Any and all orders related to the patient's care.
- (xii) Special reports, as those from:
- (a) The clinical laboratory, including examination of tissues and autopsy findings, when applicable.
- (b) Signed and dated reports of nuclear medicine interpretations, consultations, and procedures.



- (c) The radiology department.
- (d) Consultants as verified by the attending medical staff member's signature.
- (xiii) Medical and surgical treatments.
- (xiv) Progress notes.
- (xv) Pre-sedation or pre-anesthesia assessment and plans of care for patients receiving anesthesia.
- (xvi) An intra-operative anesthesia record.

(xvii) Postoperative documentation records, the patient's vital signs and level of consciousness; medications, including IV fluids, blood and blood components; any unusual events or postoperative complications; and management of such events.

(xviii) Postoperative documentation of the patient's discharge from the post-sedation or post-anesthesia care area by the responsible licensed independent practitioner or according to discharge criteria.

(xix) A post anesthesia follow-up report written within forty-eight hours after surgery by the individual who administers the anesthesia.

(xx) All reassessments and any revisions of the treatment plan.

(xxi) Every dose of medication administered and any adverse drug reaction.

(xxii) Every medication dispensed to an inpatient at discharge.

(xxiii) Summary and final diagnosis as verified by the attending physician's signature.

(xxiv) Discharge disposition, condition of patient at discharge, instructions given at that time and the plan for follow up care.

(xxv) Any referrals and communications made to external or internal providers and to community agencies.

(xxvi) Any records of communication with the patient made by telephone or email or patient electronic portal.

(xxvii) Memorandum copy of the death certificate when applicable.

(2) Deadlines and sanctions.

# The James



# Rules and Regulations of the Medical Staff of the Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

(a) A procedure note shall be entered in the record by the responsible attending medical staff member or the medical staff member's designee (who is appropriately credentialed) immediately upon completion of an invasive procedure. Procedure notes must be written for any surgical or medical procedures, irrespective of their repetitive nature, which involve material risk to the patient. Notes for procedures performed in the operating rooms must be finalized in the operating room information system by the attending surgeon. For any formal operative procedures, a note shall include pre-operative and post-operative diagnoses, procedure(s) performed and description of each procedure, surgeon(s), resident(s), anesthesiologist(s), surgical service, type of anesthesia (general or local), complications, estimated blood loss, any pertinent information not included on the O.R./anesthesia record, preliminary surgical findings, and specimens removed and disposition of each specimen. Where a formal operative procedure report is appropriate, the report must be completed immediately following the procedure. The operative/procedure report must be signed by the attending medical staff member. Any operative/procedure report not completed or any procedure note for procedures completed in the operating rooms not completed in the operating room information system by 10:00 a.m. the day following the procedure shall be deemed delinquent and the attending medical staff member responsible shall lose operating/procedure room and medical staff privileges the following day. The operating rooms and procedure rooms will not cancel cases scheduled before the suspension occurred. Effective with the suspension, the attending medical staff member will lose all privileges to schedule elective cases. Affected medical staff members shall receive telephone calls from the medical information management department indicating the delinquent operative/procedure reports.

(b) Progress notes must provide a pertinent chronological report of the patient's course in the hospital and reflect any change in condition or results of treatment. A progress note must be completed by the attending medical staff member or his or her designated member of the limited medical staff or practitioner with appropriate privileges at least once every day. Each medical student or other licensed health care professional progress note in the medical records should be signed or counter-signed by a member of the attending, courtesy, or limited staff.

(c) Medical staff members with more than twenty-five verbal orders that remain unsigned greater than twenty-one days after the date of the order will be subject to corrective action including administrative suspension which may include suspension of admitting and operating room scheduling privileges until the orders are signed. Medical staff members shall be notified electronically prior to suspension for unsigned verbal orders.

#### twenty fiveadministrative

(ed) Birth certificates must be signed by the medical staff member who delivers the baby within one week of completion of the certificate. Fetal death certificates and death certificates must be signed and the cause of death must be recorded by the medical staff member with a permanent Ohio license within twenty-four hours of death.

 $(d\underline{e})$  Outpatient visit notes and letters to referring physicians, when appropriate, shall be completed within three days of the patient's visit.



(ef) All entries not previously defined must be signed within ten business days of completion.

(fg) Queries by clinical documentation specialists requesting clarification of a patient's diagnoses and procedures will be resolved within five business days of confirmed notification of request.

(gh) Office visit encounters shall be closed within one week of the patient's visit.

(3) Discharges.

(a) Patients may not be discharged without a written or electronically entered discharge order from the appropriately credentialed, responsible medical staff member, a limited staff member or other licensed healthcare professional.

(b) At the time of discharge, the appropriately credentialed attending medical staff member, limited staff member, or other licensed healthcare professional is responsible for certifying the principal diagnosis, secondary diagnosis, the principal procedure, if any, and any other significant invasive procedures that were performed during the hospitalization. If a principal diagnosis has not yet been determined, then a "provisional" principal diagnosis should be used instead.

(c) The discharge summary must be available to any facility receiving the patient before the patient arrives at the facility. Similarly, the discharge summary must be available to the care provider before the patient arrives at any outpatient care visit subsequent to discharge. The discharge summary should be available within forty-eight hours of discharge for all patients. The discharge summary should be signed by the responsible attending medical staff member within forty-eight hours of availability.

- (d) The discharge summaries must contain the following elements:
- i. hospital course including reason for hospitalization and significant findings upon admission;
- ii. principal and secondary diagnoses or provisional diagnosis;
- iii. relevant diagnostic test results;
- iv. procedures performed and care, treatment and services provided;
- v. condition on discharge;
- vi. medication list and medication instructions;
- vii. plan for follow-up of tests and studies for which results are pending at discharge;



viii. coordination and planning for follow-up testing and physician appointments;

ix. plans for follow-up care and communication, and the instructions provided to the patient.

(e) All medical records must be completed by the attending medical staff member or, when applicable, the limited staff member or other licensed healthcare professional who is appropriately credentialed by the hospital, within twenty-one days of discharge of the patient.

(f) Attending medical staff members shall be notified prior to suspension for all incomplete records. After notification, attending medial staff members shall have their admitting and operative scheduling privileges suspended until all records are completed. Attending medical staff members shall receive electronic notification of delinquent records. If an attempt is made by the attending medical staff member, or the attending medical staff member's designee, who is appropriately credentialed by the hospital, when applicable, to complete the record, and the record is not available electronically for completion, the record shall not be counted against the attending medical staff member. Medical staff members who are suspended for a period of longer than one hundred twenty consecutive days are required to appear before the practitioner evaluation committee.

(g) Records which are incomplete greater than twenty-one days after discharge or the patient's visit are defined as delinquent.

(4) Confidentiality.

Access to medical records is limited to use in the treatment of patients, research, and teaching. All medical staff members are required to maintain the confidentiality of medical records. Improper use or disclosure of patient information is subject to disciplinary action.

(5) Ownership.

Medical records of hospital sponsored care are the property of the hospital and shall not be removed from the hospital's jurisdiction and safekeeping except in accordance with a court order, subpoena, or statute.

(6) Records storage, security, and accessibility.

All patient's records, pathological examinations, slides, radiological films, photographic records, cardiographic records, laboratory reports, statistical evaluations, etc., are the property of the CHRI and shall not be taken from the CHRI except on court order, subpoena or statute duly filed with the medical record administrator or the hospital administration. The hospital administration may, under certain conditions, arrange for copies or reproductions of the above records to be made. Such copies may be removed from the hospital after the medical record administrator or the proper administrative authority has received a written receipt thereof. In



### Rules and Regulations of the Medical Staff of the

Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (As of April 6, 2018)

the case of readmission of the patient, all previous records or copies thereof shall be available for the use of the attending medical staff member.

In general, medical records shall be maintained by the hospital. Records on microfilms, paper, electronic tape recordings, magnetic media, optical disks, and such other acceptable storage techniques shall be used to maintain patient records for twenty-one years for minors and ten years for adults. In the case of readmission of the patient, all records or copies thereof from the past ten/twenty-one years shall be available for the use of the attending medical staff member or other health care providers.

(7) Informed consent documentation.

(a) Where informed consent is required for a special procedure (such as surgical operation), documentation that such consent has been obtained must be made in the hospital record prior to the initiation of the procedure.

(b) In the case of limb amputation, a limb disposition form, in duplicate, must be signed prior to the operation.

(8) Sterilization consent.

Prior to the performance of an operative procedure for the expressed purpose of sterilization of a (male or female) patient, the attending medical staff member shall be responsible for the completion of the legal forms provided by the hospital and signed by the patient. Patients who are enrolled in the Medicaid program must have their forms signed at least thirty days prior to the procedure. Informed consent must also be obtained from one of the parents or the guardian of an unmarried minor.

(9) Criteria changes.

The medical information management department shall make recommendations for changes in the criteria for record completion with approval of the medical staff.

(10) Entries and authentication.

(a) Entries in the medical record can only be made by staff recommended by the medical information management department subject to the approval of the medical staff.

(b) All entries must be legible and complete and must be authenticated, dated and timed promptly by the person, identified by name and credentials, who is responsible for ordering, providing, or evaluating the service furnished.

(c) The electronic signature of medical record documents requires a signing password. At the time the password is issued, the individual is required to sign a statement that she/he will be the only person using the password. This statement will be maintained in the department responsible for the electronic signature.



(d) Signature stamps may not be used in the medical record.

(11) Abbreviations.

Abbreviations, acronyms and symbols appearing on the non-approved abbreviations list may not be used in the medical record.

(Board approval dates: 9/18/2009, 4/8/2011, 8/31/2012, 4/6/2016, 9/2/2016, 4/6/2018)

#### 10 Committees.

No Change

#### 11 Standards of practice.

No Change

#### 12 Mechanism for changing rules and regulations.

No change

#### 13 Adoption of the rules and regulations.

No Change

#### 14 Sanctions.

No Change

|           | THE OHIO STATE UNIVERSITY | Attachment XVIII |
|-----------|---------------------------|------------------|
| $\square$ | WEXNER MEDICAL CENTER     |                  |
| $(\cap)$  | THE OHIO STATE UNIVERSITY |                  |
|           | WEXNER MEDICAL CENTER     |                  |

The James



# The James



THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

#### Policy Name: Patient Complaint and Grievance Management Policy Number: 03-28

Applies to: <u>OSU Wexner Medical Center [</u>University Hospital, East Hospital, Brain and Spine Hospital, <u>Richard M.</u> Ross Heart Hospital, Harding Hospital, Dodd Rehabilitation Hospital, Ambulatory Clinics and Services] and <u>Arthur G.</u> <del>OSUCCC-James Cancer Hospital and Richard J. Solove Research Institute</del> and Outreach Sites

### POLICY

The Ohio State University Wexner Medical Center is committed to promptly resolving complaints at the first level of contact whenever possible.

The purpose of this policy is to provide guidelines for staff to respond and manage patient/family complaints and grievances; and to define the process for responding to patient grievances according to <u>The Joint</u> <u>Commission and</u> CMS Hospital Conditions of Participation.

The Ohio State University Wexner Medical Center Board has delegated the responsibility for review and resolution of all grievances received from patients of University Hospital, East Hospital, Brain and Spain Hospital, Richard M. Hospitaler, Ross Heart Hospital (Ross Hospital), —Harding Hospital, University Hospital East, Dodd Rehabilitation Hospital, Hall, UH Ambulatory Clinics and Services to the OSU Wexner Medical Center University Hospitals Grievance Committee and Arthur G. James and Richard J. Solove Research Institute (James Cancer Hospital), (Hereafter referred to as the Grievance Committee for grievances received from patients of the James Cancer Hospital and Outreach Sites) and OSUCCC-James.

The Patient Experience Department is responsible for supporting the complaint management process and assuring patients are adequately educated regarding their rights to register complaints and concerns.

In order to achieve the highest level of satisfaction possible, and to provide protection of their rights, patients will be encouraged to report concerns.

Concerns from patients, families, visitors, or other members of the community will be received courteously, treated seriously, and dealt with promptly. The act of voicing a concern will not jeopardize the care a patient is currently receiving, nor any future access to appropriate care.

It is expected that the staff of University <u>Hospital</u>Hospitals (including medical staff) and the James Cancer <u>Hospital</u> will respond to patient concerns promptly and offer reasonable and appropriate solutions.

## Definitions

| Term          | Definition   |
|---------------|--|
| Staff Present | 4Includes any hospital staff present at the time of the complaint or who can quickly be<br>at the patients location (i.e. nursing, administration, nursing supervisors, patient<br>advocate, etc.) to resolve the patient's complaint. |

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| Complaint | 1. A clinical care issue that is verbally conveyed by a patient or the patient's representative to staff and generally resolved within twenty-four (24) hours.  |  |  |  |  |  |  |
|-----------|---|--|--|--|--|--|--|
|           | <ol><li>A complaint regarding discrimination on the basis of race, color, national<br/>origin, sex, age, or disability, unless unable to resolve within 24 hours.</li></ol>   |  |  |  |  |  |  |
|           | <ol> <li>A complaint such as not having a qualified interpreter available for a patient, patients spouse, family, and/or partner, even if the patient does not require an interpreter.</li> <li>Minor service complaints such as housekeeping, bedding, billing issues and food.</li> <li>Complaints regarding property loss.</li> <li>Privacy and HIPAA complaints, unless unable to be resolved within twenty-four (24) hours.</li> </ol>   |  |  |  |  |  |  |
|           | nouis.  |  |  |  |  |  |  |
| Grievance | <ol> <li>Any written complaint received from a patient or the patient's representative regarding clinical care, whether from an inpatient, outpatient or released/discharged patient. An e-mail or facsimile (fax) will be considered to be "written".</li> <li>Verbal complaints about clinical care that are not resolved by staff at the time of the complaint, generally within twenty-four (24) hours, and made by a patient or the patient's representative.</li> <li>All verbal or written complaints regarding:         <ul> <li>Abuse, neglect, patient harm;</li> <li>Hospital compliance with CMS Hospital Conditions of Participation (CoP); and</li> <li>Medicare Beneficiary Billing complaints related to rights and limitations provided by 42CFR§489.</li> </ul> </li> <li>Any complaint that the patient, or their representative, requests be handled as a formal grievance.</li> <li>Post-discharge complaints, made by a patient or their representative, related to clinical care or services during a stay shall be considered grievances, unless the complaint would have routinely been handled by staff generally within twenty four (24) hours had the communication occurred during the stay or visit. In this instance, the communication will be considered a complaint.</li> </ol> |  |  |  |  |  |  |

### **Policy Details**

### Staff Reporting Complaints via the Hospital's Intranet Site (OneSource)

2-<u>1.</u> Whenever possible, staff members are encouraged to enter non-clinical complaints directly into the Complaint Management <u>DatabaseSystem</u> on the hospital's intranet site, OneSource.

3.2. The Complaint Management DatabaseSystem provides a mechanism for tracking and

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reporting complaint data, as well as coordinating timely follow-up.

4-3.\_All verbal or written complaints regarding quality of care issues, abuse, neglect or patient harm shall be entered into the Patient Safety Reporting System for appropriate investigation and follow-up.

## Patients or Visitors Reporting Complaints via Telephone

- 1. Complaints about care delivered at University Hospital, Ross <u>Heart</u> Hospital, <u>Dodd</u> <u>Rehabilitation and Brain and Spain Hospital, Ambulatory</u> or the <u>Specialty</u> Primary Care Network may be directed to the Patient Experience Department at 1-614-293-8944.
- 2. Complaints about care delivered at James Cancer Hospital may be directed to James Patient Experience at 1-614-293-8609.
- Complaints about care delivered at <u>East-University</u> Hospital <u>East-may be directed to UHE</u> Patient Experience at 1-614-257-2310.
- 4. Complaints about care delivered at Harding Hospital may be directed to Harding Patient Experience at 1-614-688-8941.
- 5. After regular business hours, complaints may be escalated to the Hospital Administrative Manager or Nursing Supervisor for each location.

### Procedures for Complaints

- 1. All clinical care complaints <u>handled within 24 hours</u> should be referred to the attending physician or manager for appropriate follow-up and entered in the Complaint Management Database.
- 2. All non-clinical complaints should be referred to the appropriate department manager for follow-up.
- Patient Experience will forward all issues regarding property loss to the Property Loss Committee and enter the issue into the Complaint Management <u>DatabaseSystem</u>.
- 4. Privacy and HIPAA complaints will be forwarded to the HIPAA Privacy Officer.
- 5. When complaints cannot be immediately resolved by the staff member to whom they were reported, the complaint should be reported to the supervisor or manager for resolution and entered into the Complaint Management <u>Database</u>. System.
- 6. Patient Experience staff will act as a liaison for the patient by representing their interests and facilitating communication with appropriate individuals within the Medical Center.

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# The James



#### Policy Name: Patient Complaint and Grievance Management Policy Number: 03-28

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## ProceduresProcedure for Grievances

- 1. When notified, Patient Experience or the appropriate manager will respond and investigate grievances regarding patients who are currently located within the hospital setting.
- Situations that endanger (e.g. neglect or abuse) the patient should be addressed immediately by the appropriate staff member.
- 3. When appropriate, Risk Management may initiate a review of a grievance.
- 4. Patient Experience will serve as the primary liaison to the patient, and may consult Risk Management as needed.
- 5.If the grievance is from a written source, or reported after the patient has left the facility, a-Patient Experience-Coordinator will initiate contact with the complainant.
- 6. Clinical Care Grievances
  - a. Clinical care grievances should be entered in the Patient Safety Reporting System, in accordance with the Patient Safety & Event Reporting Policy.-
  - b. Following initial contact with the complainant, the Patient Experience Coordinator will arrange a meeting between the patient, or their representative, and the attending physician to assure that the patient's concerns have been addressed and that the patient's expectations have been met.
  - c. The Patient Experience Coordinator will work collaboratively with the patient, or their representative, and the attending physician to resolve the grievance.

### 7. Non-Clinical Care Grievances

- a. Non-clinical grievances should be entered into the Complaint Management DatabaseSystem.
- b. Following initial contact with the <u>complainant.complaintant</u>, a Patient Experience-Coordinator will facilitate communication and dialogue between the patient, or their representative, and the appropriate manager to assure that the patient's concerns have been addressed and their patient's expectations have been met.
- c. The Patient Experience Coordinator will work collaboratively with the patient and manager to resolve the grievance.
- 8. Typically, a grievance will be considered resolved when the patient is satisfied with the actions taken on their behalf.
  - a. However, there may be situations where the Hospital has taken appropriate and reasonable actions on the patient's behalf in order to resolve the patient's grievance and the patient or the patient's representative remains unsatisfied with the Hospital's actions. In these situations, the Hospital may consider the grievance to be closed.







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b. Patient Experience must maintain documentation of its efforts and demonstrate compliance with this policy.

## Written Response to Grievances

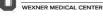
- 4-<u>1.</u> A written response to all grievances shall be submitted to the patient, or their representative, by the Patient Experience representative or other appropriate individual within seven (7) business days regarding the disposition of the grievance.
  - a. Included in the written response will be:
    - i. The name of the hospital;
    - ii. The steps taken on behalf of the patient to investigate and resolve the grievance;
    - iii. The results of the grievance process; and
    - iv. The date of completion .;
  - b. All grievance response letters will be mailed to the patient's or patient's representative's home address unless otherwise indicated.
  - c. If the grievance is received via email, the response may be sent via email.
- 5-2. There may be complications or circumstances, which will not allow every grievance to be resolved during the seven (7) day timeframe.
  - a. If a response will take longer than seven (7) business days, the patient should be contacted by Patient Experience and advised that the hospital is still working to resolve the grievance.
  - b. The patient or the patient's representative should be contacted a minimum of every fourteen (14) business days by Patient Experience until the grievance is responded to in writing.
  - —If the grievance is not resolved within 30 days, it must be reviewed by the <u>OSU Wexner Medical Center</u> Grievance Committee <u>or the James Cancer Hospital Grievance Committee</u>.-
- 6.3. A copy of the written response shall be retained by Patient Experience.

## Reporting Complaints via Patient Satisfaction Surveys

- 1. Information obtained from patient satisfaction surveys will not be considered a grievance, except:
  - a. If an identified patient writes or attaches a written complaint on the survey and requests resolution (i.e. requests an act or response), then the complaint shall be considered a grievance.
  - b. If an identified patient writes or attaches a written complaint on the survey and does not request resolution, then the hospital shall treat this as a grievance if the hospital would usually treat such a complaint a grievance.
- 2. Patient Experience will work collaboratively with the patient, or their representative, and the









WEXNER MEDICAL CENTER

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appropriate business unit to resolve the grievance when resolution has been requested by the patient.

## Grievance Committees Committee

 The Ohio State University Wexner Medical Center Board has delegated oversight of the grievance management process to the Grievance <u>Committees for the OSU Wexner Medical Center and the James</u> <u>Cancer HospitalCommittee</u> to review and resolve the grievances of the hospital<u>where the patient is</u> <u>receiving care</u>.

The OSU Wexner Medical Center

3.2. The Grievance Committee is comprised of the Wexner Medical Center Chief Quality Officer, Chief Medical Officer and the hospital Chief Executive Officer or their respective designees to review and resolve the grievances the hospital receives.

3. The The James Cancer Hospital Grievance Committee is comprised of the James Executive Director of Patient Services, James Chief Medical Officer, Chief Nursing Officer, Director of James Quality and Patient Safety, Director of Grievance Committee functions to:

Patient Experience, or their respective designees to review and resolve grievances the hospital receives.

1. The OSU Wexner Medical Center and the James Cancer Hospital Grievance Committees

## functions to:

- a. Facilitate grievance resolution when necessary
- b. Review grievances quarterly to evaluate effectiveness of the resolution process:-
- c. Complete an OSU Wexner Medical Center and James Cancer Hospital annual summary report for presentation to the Ohio State University Wexner Medical Center Board\_-
- d. Submit patterns and trends to the Quality and Patient Safety Department for possible incorporation into a hospital performance improvement plan, and
- e. Recommend operational modifications to senior hospital leadership in the event an immediate correction is necessary as a result of a patient grievance.

### Resources

### **Related Policies**

Patients Rights and Responsibilities 03-23 v.1 Patient Safety & Event Reporting 04-05 v.1

### Related References

CFR §482.13 (a)(2) Staff Reporting Resources







# The James



### Policy Name: Patient Complaint and Grievance Management Policy Number: 03-28

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Staff may access the following resources on OneSource: Complaint Management Database Patient Safety Reporting System

Patient Reporting Resources Patients may choose to go directly to one of the reporting agencies listed below: The Ohio Department of Health (ODH)

http://www.odh.ohio.gov/contactus.aspx

Complaints \_\_\_ Healthcare Facilities and Nursing Homes 246 North High Street

Columbus, Ohio 43215

Toll Free: 1-800-342-0553 TTY: 1-614-752-6490

E-Mail: HCComplaints@odh.ohio.gov

<u>The Ohio Department of Health</u> <u>Complaints – Health Care Facility Complaint Hotline</u> <u>Toll Free: 1-800-669-3534</u>

### KePRO Inc.

http://www.ohiokepro.com/aboutus/contacts.aspx Ohio KePRO Rock Run Center, Suite 100 5700 Lombardo Center Seven Hills, Ohio 44131 Phone: 1-216-447-9604 E-Mail: webmaster@ohiokepro.com

The Joint Commission on Accreditation of Healthcare Organizations http://www.jointcommission.org Office of Quality Monitoring The Joint Commission 1 Renaissance Boulevard Oakbrook Terrace, Illinois 60181 Office of Quality Monitoring Toll Free: 1-800-<u>444</u>994-6610 To File a Complaint: http://www.jointcommission.org/report\_a\_complaint.aspx

### U.S. Department of Health and Human Services- Office for Civil Rights Region V- Ohio

http://www.hhs.gov/ocr Office for Civil Rights 233 N. Michigan Avenue, Suite 240 Chicago, Illinois 60601 Phone: 1-312-886-2359 To File a Complaint: http://www.hhs.gov/ocr/civilrights/complaints/index.html

Ohio Department of Mental Health & Addiction Services http://mha.ohio.gov/







## Policy Name: **Patient Complaint and Grievance Management** Policy Number: **03-28**

Applies to: <u>OSU Wexner Medical Center [</u>University Hospital, East Hospital, Brain and Spine Hospital, <u>Richard M.</u> Ross Heart Hospital, Harding Hospital, Dodd Rehabilitation Hospital, Ambulatory Clinics and Services] and <u>Arthur G.</u> <del>OSUCCC-James Cancer Hospital and Richard J. Solove Research Institute</del> and Outreach Sites

Ohio Department of Mental Health 30 E. Broad Street, 8<sup>th</sup> Floor Columbus, Ohio 43215 Phone: 1-614-466-2596 <u>TYY: 1-614-752-9696</u> E-Mail: <u>questions@mh.ohio.gov</u> For Information about Client Rights and Resources: <u>http://mha.ohio.gov/Default.aspx?tabid=157</u>

### **Disability Rights Ohio**

http://www.disabilityrightsohio.org

50 W. Broad Street, Suite 1400 Columbus, Ohio 43215-5923 Phone: 1-614-466-7264 TYY: 1-614-728-2553 For Assistance: http://www.disabilityrighsohio.org/get-help-now For Assistance: http://www.disabilityrighsohio.org/get-help-now

#### Patient Experience

For further questions regarding the hospital's policy on Patient Complaint Management, please contact either:

James <u>Cancer Hospital</u> Patient Experience Phone: 1-614-293-8609 Toll Free: 1-866-993-8609 E-Mail: James.PatientExperience@osumc.edu

University Hospital Patient Experience Phone: 1-614-293-89448977

East Hospital Patient Experience Phone: 1-614-257-2310

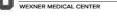
Harding Hospital Patient Experience Phone: 1-614-688-8941

### Contacts

| Subject            | Office                               | Telephone               | E-mail/URL                 |
|--------------------|--------------------------------------|-------------------------|----------------------------|
| Patient Experience | University <u>Hospital</u> Hospitals | 614-293-8944            |                            |
| Patient Experience | University Hospitals-East            | 614-257-2310            |                            |
| Patient Experience | James Cancer Hospital                | 614-293-8609            |                            |
| Shellie Anderson   | Patient Experience                   | <del>614-293-3085</del> | shellie.anderson@osumc.edu |







# The James



Policy Name: Patient Complaint and Grievance Management Policy Number: 03-28

Applies to: <u>OSU Wexner Medical Center [</u>University Hospital, East Hospital, Brain and Spine Hospital, <u>Richard M.</u> Ross Heart Hospital, Harding Hospital, Dodd Rehabilitation Hospital, Ambulatory Clinics and Services] and Arthur G., <u>OSUCCC-James Cancer Hospital and Richard J. Solove Research Institute</u> and Outreach Sites

### History (UH)

### **OSU Wexner Medical Center**

| Issued:       | October 14, 1991                     |
|---------------|--------------------------------------|
| Revised:      | October 5, 2017                      |
|               | September 10, 2014                   |
|               | April 5, 2019                        |
| Submitted by: | Patient Experience Department        |
| Approved by:  | UH MSAC September 10, 2014           |
|               | Medical Center Board September, 2014 |

#### Arthur G. James Cancer Hospital and Richard J. Solove Research Institute History (OSUCCC-James)

| Issued:<br>Revised:            | October 1991<br>June 2014<br>October 5, 2017  |
|--------------------------------|---|
| Submitted by:<br>Approved by:— | <u>June 2014</u><br>Patient Experience<br>— <del>OSUCCC-</del> James <u>Cancer Hospital MSAC</u> September 12, 2014 |

# Patient Complaint and Grievance Committee

Meetings are held quarterly: October 20, January 19, April 19 and July 19, 2018-2020 Time: 2PM Location: James B030

| LAST NAME                                 | FIRST<br>NAME | DEGREE  | DEPARTMENT                     | PHONE    |
|---|---------------|---------|--------------------------------|----------|
| Grecula<br>Chief of Staff                 | John          | MD      | Radiation Oncology             | 293-8415 |
| Colussi                                   | Carol         | MHA, RN | Patient Safety and<br>Quality  | 293-0866 |
| Cohn                                      | David         | MD      | Director of Medical<br>Affairs | 293-3873 |
| Jones<br>Director                         | Renee         |         | Patient Experience             | 293-8609 |
| Kipp<br>CNO                               | Kris          | MSN, RN | Hospital<br>Administration     | 293-7948 |
| Plant<br>Risk Management                  | John          | JD      | Legal Services                 | 293-3987 |
| Anderson (Facilitator)<br>Program Manager | Shellie       |         | Patient Experience             | 293-3085 |
| Larson<br>Manager                         | Josh          |         | Patient Experience             | 685-1565 |

Attachment XIX

The Ohio State University Wexner Medical Center Board May 29, 2019

## CLINICAL QUALITY, PATIENT SAFETY AND RELIABILITY PLAN

#### JAMES CANCER HOSPITAL

Synopsis: Approval of the annual review of the clinical quality, patient safety and reliability plan for The Arthur G. James Cancer Hospital, is proposed.

WHEREAS the mission of the Wexner Medical Center and The James Cancer Hospital is to improve people's lives through the provision of high-quality patient care; and

WHEREAS the clinical quality, patient safety and reliability plan outlines assessment and improvement of processes in order to deliver safe, effective, optimal patient care and services in an environment of minimal risk for inpatients and outpatients of the James Cancer Hospital:

NOW THEREFORE

BE IT RESOLVED, That the Wexner Medical Center Board hereby approves the Clinical Quality, Patient Safety and Reliability Plan for the James Cancer Hospital.

{00288453-1}

# The James



# Clinical Quality, Patient Safety, and Reliability Plan

# Fiscal Year 2019

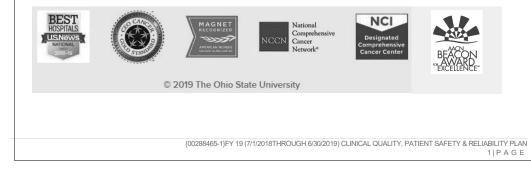
July 1, 2018 through June 30, 2019

THE OHIO STATE UNIVERSITY James Cancer Hospital and Solove Research Institute **The Comprehensive Cancer Center** (CCC and The James)





NIH NATIONAL CANCER INSTITUTE



Quality, Patient Safety and Reliability Plan

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# **Quality, Patient Safety, and Reliability Plan**

# MISSION, VISION, AND VALUES:

**Mission:** To eradicate cancer from individuals' lives by creating knowledge and integrating ground breaking research with excellence in education and patient centered-care.

Vision: Creating a cancer-free world. One person, one discovery at a time.

**Values:** Excellence, Collaborating as One University, Integrity and Personal Accountability, Openness and Trust, Diversity in People and Ideas, Change and Innovation, Simplicity in Our Work, Empathy, Compassion, and Leadership.

The James' model of patient-centered care is enhanced by the teaching and research programs, while patient service both directly and indirectly provides the foundation for teaching and research programs. This three-part mission and a staff dedicated to its fulfillment, distinguish The Arthur G. James Cancer Hospital and Richard J. Solove Research Institute as a Comprehensive Cancer Center and as one of the nation's premier cancer treatment centers.

## **Definition:**

The Quality, Patient Safety and Reliability Plan of The James Cancer Hospital/Solove Research Institute and The Ohio State University Comprehensive Cancer Center and (hereinafter referred to as The James and CCC Plan or the Plan) is the organization-wide approach to systematic assessment of process design and performance improvement targeting quality of care, patient safety, and patient experience. The James and CCC Plan serves to provide direction for how clinical care and activities are to be designed to enrich patient outcomes, reduce harm, and improve value-added care and service to the cancer patient population.

# Scope:

As a Prospective-Payment-System-exempt (PPS-exempt) hospital, which serves as the clinical care delivery-arm of an NCI-designated Comprehensive Cancer Center, The James has a unique opportunity to ensure value-added services and research expertise are provided to our oncology patients, families, and the community – both nationally and internationally. The James and CCC Plan encompass all clinical services. Through close partnership with the Comprehensive Cancer Center, the plan includes quality and patient safety goals for process improvements related to functions and processes that involve both the Cancer Center and the hospital and ambulatory clinics/treatment areas.

# Purpose:

The purpose of The James and CCC Plan is to provide guidance for the resources and processes available to ensure measurable improvements to patient care are occurring. The James and CCC recognize the vital importance of creating and maintaining a safe environment for all patients, visitors, employees, and others within the organization to bring about personalized care through evidence-based medicine.

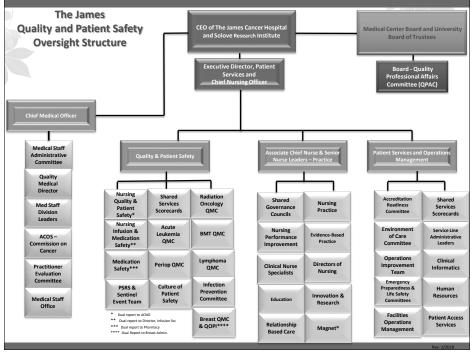
# **Objectives:**

The central objectives of The James and CCC Plan are to:

- Provide guidance for monitoring and evaluation of effort(s) in clinical care in order to sustain high performance and improved outcomes for all patients.
- Evaluate and recommend system changes to improve patient care and safety by assessing, identifying, and reducing risk within the organization when undesirable patterns or trends in performance are identified, or when events requiring intensive analysis occur.
- Assure overall compliance which meets or exceeds accreditation standards, state, federal and licensure regulations.
- Provide information for adherence to evidence-based practice guidelines to standardize clinical care and reduce practice variation.
- Improve patient satisfaction and perception of treatment, care and services by continuously identifying, evaluating, and improving performance based on needs, expectations, and satisfaction results.
- Enhance the patient experience by providing safe and high-quality care at the best value.
- Provide education to the governance, faculty and staff regarding quality management principles and processes for improving systems.
- Provide appropriate levels of data transparency.
- Assure quality and patient safety processes are developed with an approach of always involving trans-disciplinary teamwork.

# Structure for Quality Oversight:

The James Quality and Patient Safety Committee serves as the primary entity within The James and CCC to develop annual goals which are consistent with goals from the Health System, but these goals are designed with specific focus for the cancer patient population and cancer research agendas.



## **Roles and responsibilities**

Clinical quality management, patient safety and service excellence are identified as responsibilities for all faculty, staff members, and volunteers.

## Governing Body

The Wexner Medical Center Board is the governing body, responsible to The Ohio State University Board of Trustees, for operation, oversight and coordination of the Wexner Medical Center and the James Cancer Hospital. The Wexner Medical Center Board is composed of up to 16 members, plus an additional group of university and medical center senior leaders who serve in ex-officio roles. The Quality & Professional Affairs Committee reports to the Wexner Medical Center Board and is responsible for, among other things, reviewing and evaluating the James Cancer Hospital and medical center's patient safety and quality improvement programs and granting clinical privileges for the credentialing of practitioners.

{00288465-1}FY 19 (7/1/2018THROUGH 6/30/2019) CLINICAL QUALITY, PATIENT SAFETY & RELIABILITY PLAN 6 | P A G E The Board of Trustees and its committees meet throughout the year with focused agendas and presentations.

## **Chief Executive Officer (CEO)**

The CEO for The James is responsible for providing leadership and oversight for the overall Clinical Quality and Patient Safety Plan.

### Director of Medical Affairs/Chief Medical Officer (CMO)

The Director of Medical Affairs is the Chief Medical Officer for the James Cancer Hospital and reports to the CEO of The James Cancer Hospital. The CMO provides leadership and strategic direction for the faculty, medical staff and providers, to ensure the delivery of high quality, cost-effective health care consistent with The James and CCC mission.

### **Quality Medical Director**

The James Quality Medical Director, reports to the Chief Medical Officer and is responsible for assisting the quality department with event reviews for patient safety and quality outcomes. This physician works collaboratively with the health system quality department in determining sentinel and significant events, as well as reporting events when necessary through the peer review process.

### Executive Director, Patient Services, Chief Nursing Officer (CNO)

The James Executive Director for Patient Services, Chief Nursing Officer provides leadership and oversight of the overall James Quality and Patient Safety Plan, and works collaboratively with the OSUWMC Quality Leadership Council (QLC, formerly known as LCCQSS) initiatives. The Executive Director/CNO is integral to the establishment and implementation of The James annual quality, patient safety and service goals and plan.

### Associate Chief Nursing Officer (ACNO)

The James ACNO works directly within the nursing structure to provide leadership and influence over the nursing process and practices. The ACNO ensures that the overall James Quality and Patient Safety Plan is utilized to assist with the implementation of The James Nursing Quality and Patient Safety Plan annually. The ACNO has oversight of the nursing shared governance model and the nursing leadership which establishes and implements annual nursing-sensitive goals.

### Medical Director

Each business unit Medical Director is responsible to review the recommendations from The James Quality and Patient Safety Plan and implement quality goals and plans and maintain oversight in their clinical areas.

### **Clinical Department Chief and Division Directors**

Each department chairperson and/or division director is responsible to ensure the standards of care and service are maintained within their department/division. In addition, department chairpersons/division directors are to implement recommendations from The James Quality and Patient Safety Plan, and/or participate in corrective action plans for individual physicians, or the division/department as a whole.

### Medical Staff

Medical staff members are responsible to achieve the highest standard of care and services within their scope of practice. As a requirement for membership on the medical staff, members are expected and must participate in the functions and expectations set forth in the James Quality and Patient Safety Plan. In addition members serve on quality management/patient safety committees and/or continuous quality improvement teams.

A house staff quality forum with representatives from each ACGME accredited program has dedicated one medical resident who will be the quality liaison to the overall Quality Program. This resident quality forum reports to the Health System Clinical Quality & Patient Safety committee.

### Nursing Staff

The James Executive Director for Patient Services, Chief Nursing Officer, as well as the Associate Chief Nursing Officer, Director of Nursing Quality, and Directors of Nursing are responsible to implement and maintain oversight of the Nursing Quality Plan and incorporate opportunities and goals from the overall The James Quality and Patient Safety Plan as well as opportunities identified in collaboration with the QLC.

Nursing directors and managers are to implement recommendations or participate in corrective action plans for individual employees or the department as a whole. They provide input regarding committee memberships, and serve as participants in the departmental, hospital and Health System quality/patient safety committees. Clinical Nurse Specialists support quality improvement initiatives by providing leadership in the application and use of evidence-based practice. The James nursing staff is responsible to provide the highest standard of care and services within their scope of practice.

#### Hospital Management Team

Each department director and manager are responsible to ensure the standards of care and service are maintained or exceeded within their department, and are responsible to implement, monitor, and evaluate activities in their areas and assist clinical staff members in developing appropriate mechanisms for data collection and evaluation. Department directors, managers and/or assistant managers participate in corrective action plans for individual employees or the department as a whole. All department directors/managers provide input regarding committee memberships, and serve as participants on quality management/patient safety committees and/or quality improvement teams.

Managers and staff are engaged through formal and informal processes related to quality improvement and clinical patient safety efforts, including but not limited to:

- Suggesting process improvements and reporting medical/health care events and near misses.
- Implementing evidence-based practices.
- Monitoring and responding to activities and processes, such as patient complaints and patient satisfaction.
- Participating in audits, observations and peer-to peer review and feedback.
- Participating in efforts to improve patient outcomes and enhance patient safety.

### The James and CCC Staff

All staff members are responsible to ensure the standards of care and services are maintained or exceeded within their scope of responsibility. The staff is involved through formal and informal

processes related to clinical quality improvement, patient safety and service quality efforts, including but not limited to:

- Suggesting process improvements and reporting medical/health care events and near misses.
- Participating in activities and processes to improve quality and safety at the unit level, as well as being selected to join organizational continuous quality improvement teams.
- Participating in audits, observations and peer-to-peer review and feedback.
- Participating in focus groups, task forces and/or committees.
- Attending staff meetings regularly and staying apprised of changes and improvements.

### **Quality Improvement and Patient Safety Department**

The primary responsibility of the James Quality Improvement and Patient Safety Department is to track, trend, coordinate and facilitate clinical quality management for improved outcomes, patient safety for reduction of risk/harm to patients and service to improve services and assure that the voice of the patient is heard throughout The James. The department works in close partnership with the Quality and Operations Improvement (Q&OI) department in the Health System. While primary responsibility for the implementation and evaluation of clinical quality, patient safety and service activities resides within each department/program, the Quality Improvement and Patient Safety staff also serves as internal consultants for the development, evaluation and on-going monitoring of those activities. The Q&OI Department within the Health System as well as The James Quality Improvement & Patient Safety Departments including The James Process Engineer staff, and the Cancer Program Analytics staff, maintain human and technical resources for team facilitation, use of performance improvement tools, data collection, statistical analysis, and reporting.

#### Patient Experience/Guest Services Department

The primary responsibility of the James Guest Services Department is to coordinate and facilitate a service oriented approach to providing healthcare. This is accomplished through both strategic program developments as well as by managing operational functions. The Patient Experience staff serves as an internal consultant for the development and evaluation of service-quality activities. The department maintains human and technical resources for interpreter services, information desks, patient relations, team facilitation, and use of performance improvement tools, data collection, statistical analysis, and reporting. The Department also oversees the Patient/Family Advisor Program which consists of current and former patients, or their primary caregivers, who have had experiences at any James facility. These individuals are volunteers who serve on committees and workgroups, as Advisory Council members, complete public speaking engagements and review materials.

# COMMITTEES:

### Medical Staff Administrative Committee (MSAC)

#### Composition: Refer to Medical Staff Bylaws and Rules and Regulations Function: Refer to Medical Staff Bylaws and Rules and Regulations

The organized medical staff, under the direction of the Director of Medical Affairs, implements The James Quality and Patient Safety Plan throughout the clinical departments. The MSAC reviews reports and recommendations related to clinical quality management, patient safety and service quality activities. This committee has responsibility for evaluating the quality and appropriateness of clinical performance and service quality of all individuals with clinical privileges. The MSAC reviews corrective

actions and provides authority within their realm of responsibility related to clinical quality management, patient safety and service quality activities.

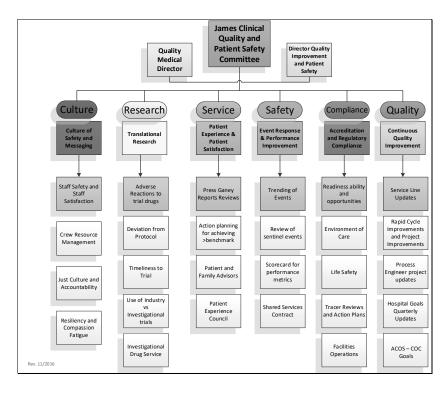
# The James Quality, Patient Safety, & Reliability Committee / Commission on Cancer Committee (COC)

#### Composition:

The James Quality & Patient Safety/COC Committee consists of representatives from Medical Staff, Administration, Patient/Family Advisor, Advanced Practice Providers, and staff from Cancer Program Analytics, Clinical Trials, Epidemiology, Environmental Services, Clinical Informatics, Laboratory, Nursing, Organizational Culture/HR, Radiation Patient Experience, Safety, Social Work, Respiratory Therapy, Pharmacy/Medication Safety, and Risk Management. This committee reports to Executive Leadership and MSAC.

Function:

- Create a culture which promotes organizational learning and recognition of clinical quality (improving outcomes) and patient safety (reducing harm).
- Develop and sustain a culture of safety which strives to eliminate individual blame or retribution for involvement in health care errors.
- Assure compliance with patient safety-related accreditation standards.
- Proactively identify risks to patient safety and creates a call-to-action to reduce risk with a focus on process and system improvement.
- Oversee education & risk reduction strategies as they relate to Sentinel Event Alerts from TJC.
- Evaluate standards of care and evidence-based practices and provide recommendations to improve clinical care and outcomes.
- Ensure actions are taken to improve performance whenever an undesirable pattern or trend is identified.
- Receive reports from committees that have a potential impact on the quality & safety in delivering patient care such as, but not limited to, Environment of Care, BMT & Acute Leukemia, Radiation Oncology, Translational Research and Infection Prevention Committee.



## Patient Experience Council

Composition:

The Patient Experience Council consists of multidisciplinary representatives from Hospital Administration, Medical Staff, Nursing, Nutrition Services, Environmental Services, Communications and the Patient Experience Department.

Function:

- Create a culture and environment to deliver exceptional patient experience consistent with the mission, vision and values focused largely on service quality.
- Measure and review voice of the customer information in the form of patient satisfaction, comments, letters and related measures. Recommend system goals and expectations for a consistent patient experience.
- Monitor publicly reported and other metrics used by various payers to ensure optimal reimbursement.
- Provides guidance and oversight on patient experience improvement efforts ensuring effective deployment and accountability throughout the system.
- Oversees the service excellence reward and recognition program. Serves as a coordinating body for subcommittees working on specific aspects of the patient experience.

## Evidence-Based Practice Committee (EBPC)

#### Composition:

The EBPC consists of multidisciplinary representatives from Hospital Administration, Medical Staff, Information Technology, Pharmacy, and Nursing. An active member of the medical staff chairs the committee. The EBPC reports to QLC and the Wexner Medical Board, and shares information/updates with the Medical Staff Administrative Committee.

#### Function:

- Develop and update evidence-based guidelines and best practices to support the delivery of patient care that promotes high quality, safe, efficient, and effective patient-centered care.
- Develop and implement specific resources and tools to support evidence-based guideline recommendations and best practices to improve patient care processes, reduce variation in practice, and support health care education.
- 3) Develop processes to measure and evaluate use of guidelines and outcomes of care.

### The James Utilization Management Committee (JUMC)

#### Composition:

The JUMC is co-chaired by a James Lead Physician Advisor and the Director of Patient Care Resource Management. Committee membership will include James Physician Advisors and Emergency Department Physician Advisors, physician members of the medical staff, representatives from the Patient Care Resource Management (PCRM) Department, Administration, Finance, Advance Practice Professionals, Providers, Quality and Safety, Revenue Cycle and Compliance, Nursing and Service Line Administration. Other departments in the James will be invited to join meetings as necessary when opportunities have been identified for improvement and input. JUMC members will not include any individual who has a financial interest in any hospital in the health system. No JUMC member will be included in the review process for a case when that member has direct responsibility for patient care in the case being reviewed.

#### Function:

The JUMC has responsibility to establish and implement of The James Utilization Management Plan. The JUMC implements procedures for reviewing the efficient utilization of care and services, including but not limited to admissions, continued stays, readmissions, over and under-utilization of services, the efficient scheduling of services, appropriate stewardship of hospital resources, access and throughput and timeliness of discharge planning. Any quality or utilization opportunities identified by the JUMC through utilization review activities are acted upon by the committee or referred to the appropriate entity for resolution. The JUMC provides education on care and utilization issues to all health care professionals and medical staff at The James.

### Practitioner Evaluation Committee (PEC)

#### Composition:

The Practitioner Evaluation Committee (PEC) is the medical staff peer review committee that provides leadership in overseeing the peer review process. The PEC is composed of the Chair of the Clinical Quality and Patient Safety Committee, medical staff, and advanced practice providers from various

{00288465-1}FY 19 (7/1/2018THROUGH 6/30/2019) CLINICAL QUALITY, PATIENT SAFETY & RELIABILITY PLAN 12 | P A G E business units & clinical areas as appointed by the Chief Medical Officer (CMO) of the Medical Center and the Director of Medical Affairs at The James.

Function:

- Provide leadership for the provider clinical quality improvement processes.
- Provide clinical expertise to the practitioner peer review process by thorough and timely review of clinical care and/or patient safety issues referred to the PEC.
- Give advice to the CMO & Director of Medical Affairs at The James regarding action plans to improve the quality and safety of clinical care.
- Develop follow up plans to ensure action is successful in improving quality and patient safety.

## Health System Information Systems Steering Team (HSISST)

### Composition:

The HSISST is a multidisciplinary team chaired by the Chief Medical Information Officer of OSUWMC. *Function:* 

The HSISST oversees information technology for both The James and OSUWMC. The team is responsible for oversight of information technology and processes currently in place, as well as reviewing replacement and/or introduction of new systems, and related policies/procedures. Individual team members are charged with responsibility to communicate and receive input from their various communities of interest on relevant topics discussed at committee meetings and other forums.

### **Sentinel Event Committees**

#### Composition:

The Sentinel Event Team includes membership from both The James and the OSUWMC. Membership from The James includes: the Executive Director, Chief Nursing Officer, the Associate Chief Nursing Officer, and the Director of Quality & Patient Safety and Nursing Quality. Members from the Medical Center include: an Administrator, Chief Medical Officer, Chief Quality and Patient Safety Officer, Associate Chief Quality and Patient Safety Officer, Associate Executive Director of Quality & Safety, a member of the Practitioner Executive Council, Quality and Operations Improvement, and Nursing Quality. Members from Risk Management are also included.

The Sentinel Event Determination Group (SEDG) is a sub-group of the Sentinel Event Team which is comprised of quality leaders from The James and OSUWMC, and is chaired by the Chief Quality and Patient Safety Officer and members include the Associate Chief Quality and Patient Safety Officer, Director of Risk Management, James Quality Medical Director, Directors of Quality & Patient Safety and Nursing Quality Directors of respective business units. The SEDG meets weekly to review sentinel event and significant events. Once an event is determined to be a significant or sentinel event, SEDG members assign a Root Cause Analysis (RCA) Team which includes: Executive Sponsor, RCA Workgroup Facilitator, and recommends RCA workgroup membership to the Executive Sponsor. The James Director of Quality and Patient Safety receives the input from SEDG, and collaborates with the Executive Sponsor to finalize the team membership, initiate team charters and ensure that team meetings and action plans are completed in accordance with requirements to satisfy regulatory agency compliance.

### Function:

Approve & make recommendations on sentinel event determinations and teams, and action plans as received from the Sentinel Event Determination Group. Results of a sentinel event, significant event or near-miss information are not externally reported or released.

## **Quality & Patient Safety Sub-Committees Committees**

#### Composition:

For the purposes of this plan, Quality & Patient Safety sub-committees refer to any standing committee or sub-committee functioning under the quality oversight structure. Membership on these committees represents the major clinical and support services throughout the hospitals and/or clinical departments. These committees report, as needed, to the appropriate oversight committee(s) defined in this Plan. *Function:* 

Serve as the central resource and interdisciplinary work groups for the continuous process of monitoring and evaluating the quality and services provided throughout a hospital, clinical department, and/or a group of similar clinical departments.

### **Continuous Quality Improvement Teams**

#### Composition:

For the purposes of this plan, Continuous Quality Improvement Teams are considered as ad-hoc committees, workgroups, teams, taskforces, etc., that function under the quality oversight structure and are generally time-limited in nature. Continuous Quality Improvement teams are comprised of owners or participants in the process under study. The process may be clinical or non-clinical. Generally, the members fill the following roles: team leader, Process Engineer or facilitator, physician advisor, administrative sponsor, and technical expert.

#### Function:

Improve current practice or processes using traditional continuous process improvement tools such as LEAN principles and DMAIC.

# Approach to Quality, Patient Safety & Service Management:

## Philosophy of Patient Care Services

The James, provides innovative and patient-focused comprehensive cancer care and services which includes the following:

- A mission statement that outlines the synergistic relationship between patient care, research and teaching.
- Long-range strategic planning conducted by hospital leadership to determine the services to be provided.
- Establishing annual goals and objectives that are consistent with the hospital mission, and which are based on a collaborative assessment of patient/family and the community's needs.
- Provision of services that are appropriate to the meet the needs of patients.
- Ongoing evaluation of services provided through formalized processes such as: performance assessment and improvement activities, budgeting and staffing plans.
- Integration of services through the following mechanisms: continuous quality improvement teams; clinical interdisciplinary quality programs; performance assessment and improvement activities; communications through management operations meetings, nursing shared governance structure, Medical Staff Administrative Committee, administrative staff meetings; participation in OSUWMC and OSU governance structures, special forums; and leadership and employee education/development.
- Maintaining competent patient care leadership and staff by providing education and ongoing competency reviews which are focused towards identified patient care needs.

{00288465-1}FY 19 (7/1/2018THROUGH 6/30/2019) CLINICAL QUALITY, PATIENT SAFETY & RELIABILITY PLAN 14 | P A G E

- Respect for each patient's rights and decisions as an essential component in the planning and provision of care.
- Utilizing the Relationship Based Care principles which encompass Care of Patient, Care of Colleague and Care of Self.
- Embracing the principles of a Just Culture.
- Staff member behaviors reflect a philosophical foundation based on the values of The James Cancer Hospital and Richard J. Solove Research Institute.

### **Principles**

The principles of providing high quality, safe care support the Institute of Medicine's Six Aims of Care which are:

- Safe: Care should be as safe for patients in health care facilities as in their homes;
- *Effective:* The science and evidence behind health care should be applied and serve as the standard in the delivery of care;
- Efficient: Care and service should be cost effective, and waste should be removed from the system;
- Timely: Patients should experience no waits or delays in receiving care and service;
- **Patient centered:** The system of care should revolve around the patient, respect patient preferences, and put the patient in control; and
- **Equitable:** Unequal treatment should be a fact of the past; disparities in care should be eradicated.

The IOM *10 Rules for Redesign* are guiding principles for the provision of safe and quality care. These are:

- Care is based on continuous healing relationships. Patients should receive care whenever they
  need it and in many forms, not just face-to-face visits. This implies that the health care system
  must be responsive at all times, and access to care should be provided over the Internet, by
  telephone, and by other means in addition to in-person visits.
- Care is customized according to patient needs and values. The system should be designed to
  meet the most common types of needs, but should have the capability to respond to individual
  patient choices and preferences.
- The patient is the source of control. Patients should be given the necessary information and opportunity to exercise the degree of control they choose over health care decisions that affect them. The system should be able to accommodate differences in patient preferences and encourage shared decision making.
- 4. Knowledge is shared and information flows freely. Patients should have unfettered access to their own medical information and to clinical knowledge. Clinicians and patients should communicate effectively and share information.
- Decision making is evidence-based. Patients should receive care based on the best available scientific knowledge. Care should not vary illogically from clinician to clinician or from place to place.
- Safety is a system property. Patients should be safe from injury caused by the care system. Reducing risk and ensuring safety require greater attention to systems that help prevent and mitigate errors.

- 7. Transparency is necessary. The system should make available to patients and their families information that enables them to make informed decisions when selecting a health plan, hospital, or clinical practice, or when choosing among alternative treatments. This should include information describing the system's performance on safety, evidence-based practice, and patient satisfaction.
- 8. *Needs are anticipated.* The system should anticipate patient needs, rather than simply react to events.
- 9. Waste is continuously decreased. The system should not waste resources or patient time.
- 10. **Cooperation among clinicians is a priority.** Clinicians and institutions should actively collaborate and communicate to ensure an appropriate exchange of information and coordination of care.

Following these principles, The James and CCC have instituted the following guidelines as the approach to quality, safety, and service:

- **Customer Focus:** Knowledge and understanding of internal and external customer needs and expectations.
- Leadership & Governance: Dedication to continuous improvement instilled by leadership and the Board.
- Education: Ongoing development and implementation of curricula for quality, safety, and service for all faculty, staff, patients, volunteers and students.
- **Involvement:** All members have mutual respect for the dignity, knowledge, and contributions of others. Everyone is engaged in improvement of processes where they work.
- Data-driven decision making: Decisions for quality, safety, service are based on the knowledge derived from data.
- Continuous Process Improvement: Analysis of processes for design, redesign and to reduce variations are accomplished by use of an approach using science and LEAN/DMAIC. Measures and improvements are ongoing.
- Just Culture: Our framework of quality, safety, service is based on a culture that is open, honest, transparent, collegial, team-oriented, accountable, and non-punitive when system failures have occurred.
- **Personalized Health Care:** The incorporation of evidence-based medicine in patient-centered care which considers the patient's health status, genetics, cultural tradition, personal preferences, and values family and lifestyle situations.

# Model:

## Model and Systematic Approach to Continuous Quality Improvement

The James and the CCC embrace change and innovation as one of its core values. Organizational focus on process improvement and innovation is embedded within the culture through the use of a general process improvement model that includes:

- An organizational expectation that the entire workforce is responsible for enhancing organizational performance and exemplary outcomes for our patients.
- Active involvement of multidisciplinary teams and committees focused on improving processes and,

A broad toolkit of continuous quality improvement methodologies and expert resources that
provide the appropriate level of structure and support to assure the deliverables of the project
are met with long term sustainability. With the increased organizational emphasis on utilizing a
metric-driven approach to reducing medical errors, eliminating rework, and enhancing efficiency
and effectiveness of work, DMAIC, DMADV, and Six Sigma Green and Black Belt Lean project
methods are used to help focus our efforts.

#### **DMAIC Roadmap** Define the oblem and the objectives. Assure that improvements will sustain. Analyze the process. Define factors of influence 5. Purs Ι Establist Lean Pull A Principles C Analyz . Create Ele What do we need to Identify and implement improve? Can we measure this? https://www.sixsigmacamp.com/lean-thinki 1 https://www.sixsigmaconcept.com/six-sigm 2

Design for Six Sigma: DMADV roadmap

https://www.sixsigmaconcept.com/six-sigm 3

# **Consistent Level of Care**

Certain elements of The James and CCC Plan help to ensure that patient care standards for the same or similar services are comparable in all areas. These elements include, but are not limited to:

- Policies and procedures and services provided are not payer driven and are standardized to
  promote high quality and safe care.
- Application of a single standard for physician credentialing.
- Use of monitoring tools to measure like processes in areas of the Health System and The James.

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# **Performance Transparency**

The James Medical and Administrative leadership have a long-standing and strong commitment to transparency of performance as it relates to clinical quality, safety and service performance.

Performance data are shared internally with faculty and staff through a variety of methods. The purpose of providing data internally is to assist faculty and staff in having real-time performance results and to use those results to drive change and improve performance when applicable. Transparency of information is provided within the limits of the Ohio law that protects attorney –client privilege, quality inquiries and reviews, as well as peer review. Current quality data is shared on The James internal intranet site.

# Confidentiality

Confidentiality is essential to the quality management and patient safety process. All records and proceedings are confidential and are to be marked as such. Written reports, data, and meeting minutes are to be maintained in secure files. Access to these records is limited to appropriate administrative personnel and others as deemed appropriate by legal counsel. As a condition of staff privilege and peer review, it is agreed that no record, document, or proceeding of this program is to be presented in any hearing, claim for damages, or any legal cause of action. This information is to be treated for all legal purposes as privileged information. This is in keeping with the Ohio Revised Code 121.22 (G)-(5) and Ohio Revised Code 2305.251.

# **Conflict of Interest**

Any individual, who is professionally involved in the care of a patient being reviewed, should not participate in peer review deliberations and voting. A person is professionally involved if they are responsible for patient care decision making either as a primary or consulting professional and/or have a financial interest (as determined by legal counsel) in the case under review. Persons who are professionally involved in the care under review are to refrain from participation except as requested by the appropriate administrative or medical leader. During peer review evaluations, deliberations, or voting, the chairperson will take steps to avoid the presence of any person, including committee members, professionally involved in the care under review. The chairperson of a committee should resolve all questions concerning whether a person is professionally involved. In cases where a committee member is professionally involved, the respective chairperson may appoint a replacement member to the committee. Participants and committee members are encouraged to recognize and disclose, as appropriate, a personal interest or relationship they may have concerning any action under peer review.

# **Priority Criteria:**

The following criteria are used to prioritize clinical value enhancement initiatives and continuous quality improvement opportunities, to ensure the appropriate allocation of resources.

1) Ties to strategic initiatives consistent with hospital's mission, vision, and values.

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- 2) Reflects areas for improvement in patient safety, appropriateness, quality, and/or medical necessity of patient care (e.g., high risk, serious events, problem-prone).
- 3) Has considerable impact on our community's health status (e.g., morbidity/mortality rate).
- 4) Addresses patient experience issues (e.g., access, communication, discharge).
- 5) Reflects divergence from benchmarks.
- 6) Addresses variation in practice.
- 7) Required by an external organization.
- 8) Represents significant cost/economic implications (e.g., high volume).

With the increased organizational emphasis on utilizing metric-driven approaches to reducing unintended medical errors, eliminating rework, and enhancing the efficiency/effectiveness of our work both the DMAIC and Lean Principles are instrumental.

# **Determining Priorities**

The James has a process in place to identify and direct resources toward quality management, patient safety, and service excellence activities. The prioritization criteria are reevaluated annually according to the mission and strategic plan. The leaders set performance improvement priorities and reevaluate annually in response to unusual or urgent events. Whenever possible, NCI or other appropriate cancer specific benchmarks are utilized to compare performance metrics for The James, in order to assist with determination of priorities each year to improve performance.

### Design and evaluation of new processes

New processes are designed and evaluated according to the organizational mission, vision, values and priorities, and are consistent with sound business practices.

The design or re-design of a process may be initiated by:

- Surveillance data indicating undesirable variance.
- Patients, staff, or payers perceived need to change a process.
- Information from within the organization and from other organizations about potential risks to patient safety, including the occurrence of sentinel events.
- Review and assessment of data and/or review of available literature to confirm the need.



# **Data Measurement and Assessment**

## **Determination of Needs**

Data needs are determined according to improvement priorities and surveillance needs. The James Cancer Program Data Analytics and the Quality and Patient Safety departments collect data for monitoring important processes and outcomes related to patient care. In addition, each department is responsible for identifying quality indicators specific to their area of service. The quality management committee of each area is responsible for monitoring and assessment of the data collected. Quality and Safety monitoring is on-going and reviewed by The James Quality and Patient Safety Committee each year.

## **External reporting requirements**

There are a number of external reporting requirements related to quality, safety, and service. These include regulatory, governmental, payer, and specialty certification organizations. The table below displays some examples of external organizations where quality, safety, and service data are reported.

| Regulatory / Public<br>Data | Payers            | Registries/<br>Benchmarking |
|-----------------------------|-------------------|-----------------------------|
| CMS                         | Anthem            | STS                         |
| ODH                         | United Healthcare | UHC                         |
| TJC                         | Aetna             | NSQIP                       |
| Leapfrog                    | Optum Health      | ACOS                        |
| NHSN/CDC                    | MMO               | NCCN                        |
| Franklin County<br>Health   | Cigna             | NDNQI/Press<br>Ganey        |
|                             |                   |                             |
| Red = Public Data/Reporting |                   |                             |

#### **Collection of data**

Data, including patient demographic and diagnosis, are systematically collected by various mechanisms including but not limited to:

- Administrative and clinical databases
- Retrospective and concurrent medical record review
- Reporting systems (e.g., patient safety and patient satisfaction)
- Surveys (i.e., patients, families, and staff)

#### Assessment of data

Statistical methods are used to identify undesirable variance, trends, and opportunities for improvement. The data are compared to the previous performance, external benchmarks, and accepted standards of care to establish goals and targets. Annual goals are established as a means to evaluate performance.

#### Surveillance system

The James systematically collects and assesses data in different areas to monitor and evaluate the quality and safety of services, including measures related to accreditation and other requirements. Data collection also functions as a surveillance system for timely identification of undesired variations or trends in quality indicators.

#### **Patient Safety and Safety Scorecard**

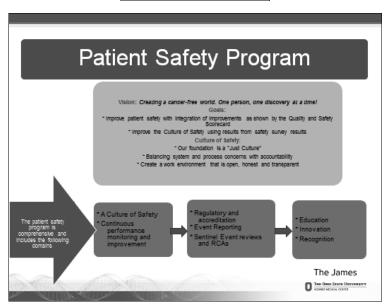
Patient Safety is the highest priority for all faculty and staff at The James. As a crucial element to caring for our patients, there is an on-going process of monitoring safety events and any untoward trends from patient care. The James Patient Safety Scorecard is a set of indicators related to those events considered potentially preventable and which cause some level of harm to the patient. The James Patient Safety Scorecard covers the areas such as never-events, sentinel events, hospital acquired infections, falls with injury, hospital-acquired pressure ulcers, medication events that reach the patient and cause harm, as well as several other categories. The information is shared in various quality forums with the medical staff, clinicians, James administration, Quality and Professional Affairs Committee and the Wexner Medical Board. The indicators to be included in the scorecard are reviewed each year to represent the priorities of the patient safety program. The Patient Safety program evaluates opportunities each

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month at The James Quality and Patient Safety Committee/ ACOS/COC, as well as monthly at the Medical Staff Administrative Committee. Annually, safety goals are reviewed and adjusted as necessary by use of event trending, regulatory changes and/or needs identified from the AHRQ Culture of Patient Safety survey.

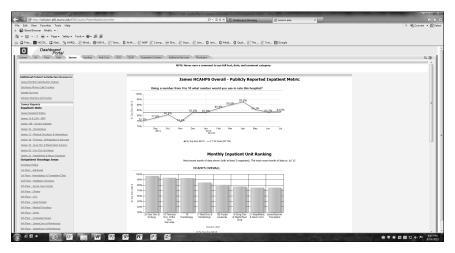
Patient Safety Scorecard

| Type of Event                                     |
|---|
| Retained Foreign Bodies                           |
| Wrong Site Events                                 |
| Medication Events with Harm (Severity E-I)        |
| Falls with Harm (Injury Level 2-4)                |
| Hospital Acquired Pressure Ulcer                  |
| Central Line Blood Stream Infections              |
| Ventilator Associated Pneumonia                   |
| Hospital Acquired Surgical Site Infections        |
| Hospital Acquired Clostridium Difficile Infection |
| Total Potentially Avoidable Events                |



## Patient Satisfaction Portal/Dashboard

{00288465-1}FY 19 (7/1/2018THROUGH 6/30/2019) CLINICAL QUALITY, PATIENT SAFETY & RELIABILITY PLAN 22 | P A G E The Patient Satisfaction dashboard is a set of patient experience indicators gathered from surveys after discharge or visit to a system based clinic or hospital. The dashboard covers performance in areas such as physician communication, nursing responsiveness, pain management, admitting and discharging speed and quality in addition to many other service categories. The information is shared in forums with staff, clinicians, administration, including the Boards. Performances on many of these indicators serve as annual goals for leaders and members of clinical and patient experience teams.



## Quality, Patient Safety, and Service Staff Educational Information

Education is identified as a key principle for providing safe, high quality care, and excellent service for our patients. There is on-going development and implementation of a curriculum for quality, safety and service for all staff, employees, clinicians, patients, and students. There are a variety of forums and venues utilized to enhance the education surrounding quality and patient safety including, but not limited to:

- Online videos
- Quality & Patient Safety Simulcasts
- Newsletters
- Classroom forums
- Simulation training
- Computerized Based Learning Modules (e-learning/CBLs)
- Partnerships with IHI Open School
- Curriculum Development within College of Medicine
- Websites (internal OneSource and external OSUMC)
- Patient Safety/Quality Lesson's Learned and Patient Safety Alerts

#### Benchmark data

Both internal and external benchmarking provides value when evaluating performance.

#### Internal Benchmarking

Internal benchmarking uses processes and data to compare The James performance to itself over time. Internal benchmarking provides a gauge of improvement strategies within the organization.

#### External Benchmarking

The James participates in various database systems and focused benchmarking projects to compare performance with that of peer institutions. The James and CCC utilize and join other comprehensive cancer centers for benchmarking such as C4QI (Comprehensive Cancer Center Consortium for Quality Improvement) and ADCC (Alliance of Dedicated Cancer Centers), National Cancer Institute (NCI). Also, The James participates in national benchmarking efforts through the following: The Vizient (formerly known as UHC/University Health Consortium), The US News Report, and the Ohio Department of Health, Press Ganey, and National Database of Nursing Quality Indicators are examples of several external organizations that provide benchmarking opportunities.

# Performance Based Physician Quality & Credentialing

Performance based credentialing ensures processes that assist with promoting the delivery of quality and safe care by physicians and advanced practice licensed health care providers. Both Focused Professional Practice Evaluation (FPPE) and Ongoing Professional Practice Evaluation (OPPE) occur. Focused Professional Practice Evaluation (FPPE) is utilized on three occasions: initial appointment, when a Privileged Practitioner requests a new privilege, and for cause when questions arise regarding the practitioner's ability to provide safe, high quality patient care. Ongoing Professional Practice Evaluation (OPPE) is performed on an ongoing basis (every 6 months).

#### Profiling Process:

- Data gathering from multiple sources
- Report generation and indicator analysis
- Profile review meetings with department chairs
- Discussion at Credentialing Committee
- Final recommendation & approval:
- Medical Staff Administrative Committees
- Medical Director
- Hospital Board

#### Service-Specific Indicators

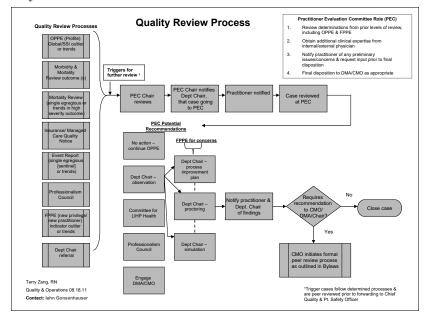
Several indicators are used to profile each physician's performance. The results are included in a physician profile, which is reviewed with the department chair as part of the credentialing process.

The definition of service/department-specific indicators is the responsibility of the director/chair of each unit. The performance of these indicators is used as evidence of competence to grant privileges in the re-appointment process. The clinical departments/divisions are required to collect the performance information related to these indicators and report that information to the Department of Quality & Operations Improvement.

The purpose of the medical Staff Evaluation is several-fold:

- To appoint quality medical staff.
- To monitor and evaluate medical staff performance.
- To integrate medical staff performance data into the reappointment process and create the foundation for high quality care.
- To provide periodic feedback and inform clinical department chairs of the comparative performance of individual medical staff.
- To identify opportunities for improving quality of care.

## Physician Performance Based Profile - SAMPLE



# **Annual Evaluation**

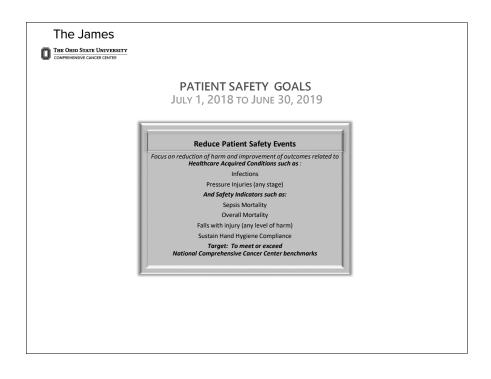
The CCC and The James Quality, Patient Safety and Service Plan is approved by the CCC and The James Quality and Patient Safety Committee. The annual evaluation includes a review of the program activities and an evaluation of the effectiveness of the structure. Attachment 1 outlines the annual quality goals for FY19. Attachment 2 outlines the annual patient safety goals for FY19.

# Attachment 1: FY 2019 James Annual Clinical Quality Goals



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# Attachment 2: FY2019 James Annual Patient Safety Goals



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