

**THURSDAY, MAY 16, 2024**  
**RESEARCH, INNOVATION & STRATEGIC PARTNERSHIPS COMMITTEE MEETING**

Lewis Von Thayer, chair  
Reginald A. Wilkinson, vice chair  
Juan Jose Perez  
Bradley R. Kastan  
George A. Skestos  
Taylor A. Schwein  
Phillip Popovich  
Hiroyuki Fujita (*ex officio*)

Location: Sanders Grand Lounge, Longaberger Alumni House  
2200 Olentangy River Rd, Columbus, Ohio 43210

Time: 1:00 – 2:30 pm

**Public Session**

*ITEMS FOR DISCUSSION*

1. *Quarter Highlights for Research, Innovation and Knowledge – Dr. Peter Mohler* 1:00-1:10pm
2. *Panel with Innovators at Ohio State – Ms. Katie Garry, Mr. Adithya Ramaswami, Dr. Emre Koksal* 1:10-1:25pm

ITEM FOR ACTION

3. Approval of February 2024 Committee Meeting Minutes – Mr. Lou Von Thayer 1:25-1:30pm

**Executive Session**

1:30-2:30pm

# **Research, Innovation and Knowledge – Quarterly Highlights**

May 2024



# Intel Strategy: Update



## Research and Development

- Midwest Microelectronics Consortium (MMEC) Launched



## Workforce

- Semiconductor Day



## Industry Engagement

- SEMI Corporation Midwest Chapter Meeting

# Intel Strategy: Update

*"I thought the OSU event was an absolute blast! I go to a few career fairs each year and they're so robotic, with maybe two minutes to spend with each student. This event was fun and more engaging because I had real conversations with each student that sat down. I got more out of it, and I think they did too."*

Sophia Rogalskyj  
Product Marketing Engineer  
TEL



## Workforce

- Semiconductor Day



## Industry Engagement

- SEMI Corporation  
Midwest Chapter Meeting

# Ohio State Innovation's Global Impact: Energy



Pete Johnson, CEO of Koloma, provided testimony to the Senate Committee on Energy and Natural Resources noting College of Arts and Science Prof. Tom Darrah's leading role in developing this technology.

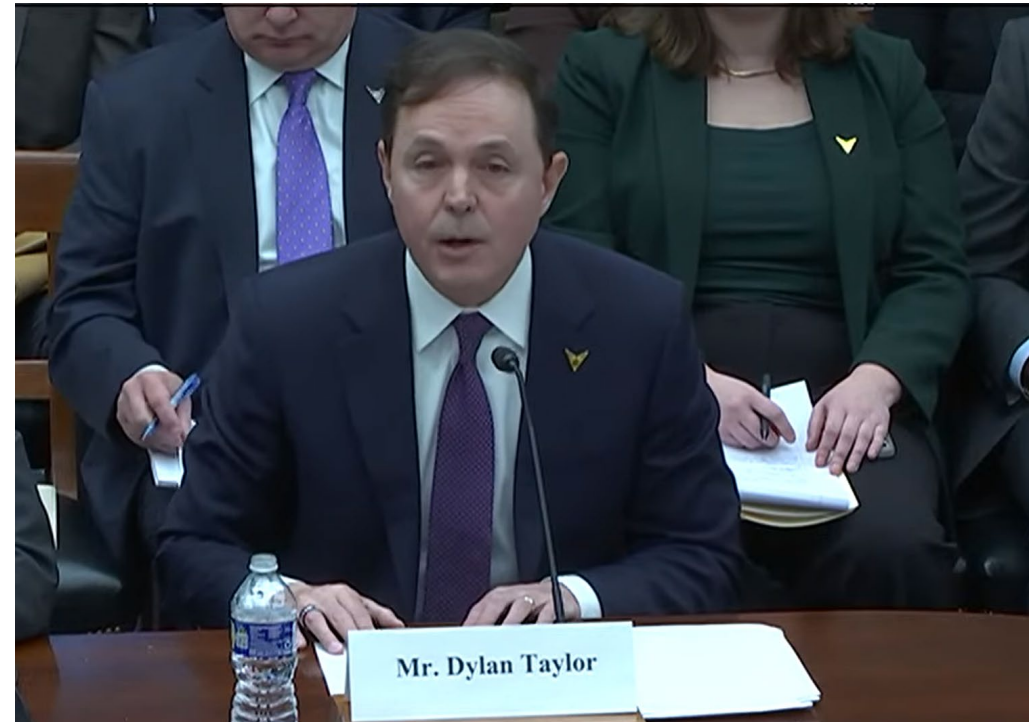
February 2024

# Ohio State Innovation's Global Impact: Space

Excerpt from testimony to the House Committee on Science, Space, and Technology from February 2024

*“Starlab Space is partnered with the ground-based George Washington Carver Science Park located at The Ohio State University, where scientists and industry experts will be able to share findings, collaborate, and use new technologies to advance both scientific and commercial endeavors.”*

Dylan Thomas, Chairman and CEO  
Voyager Space Holdings



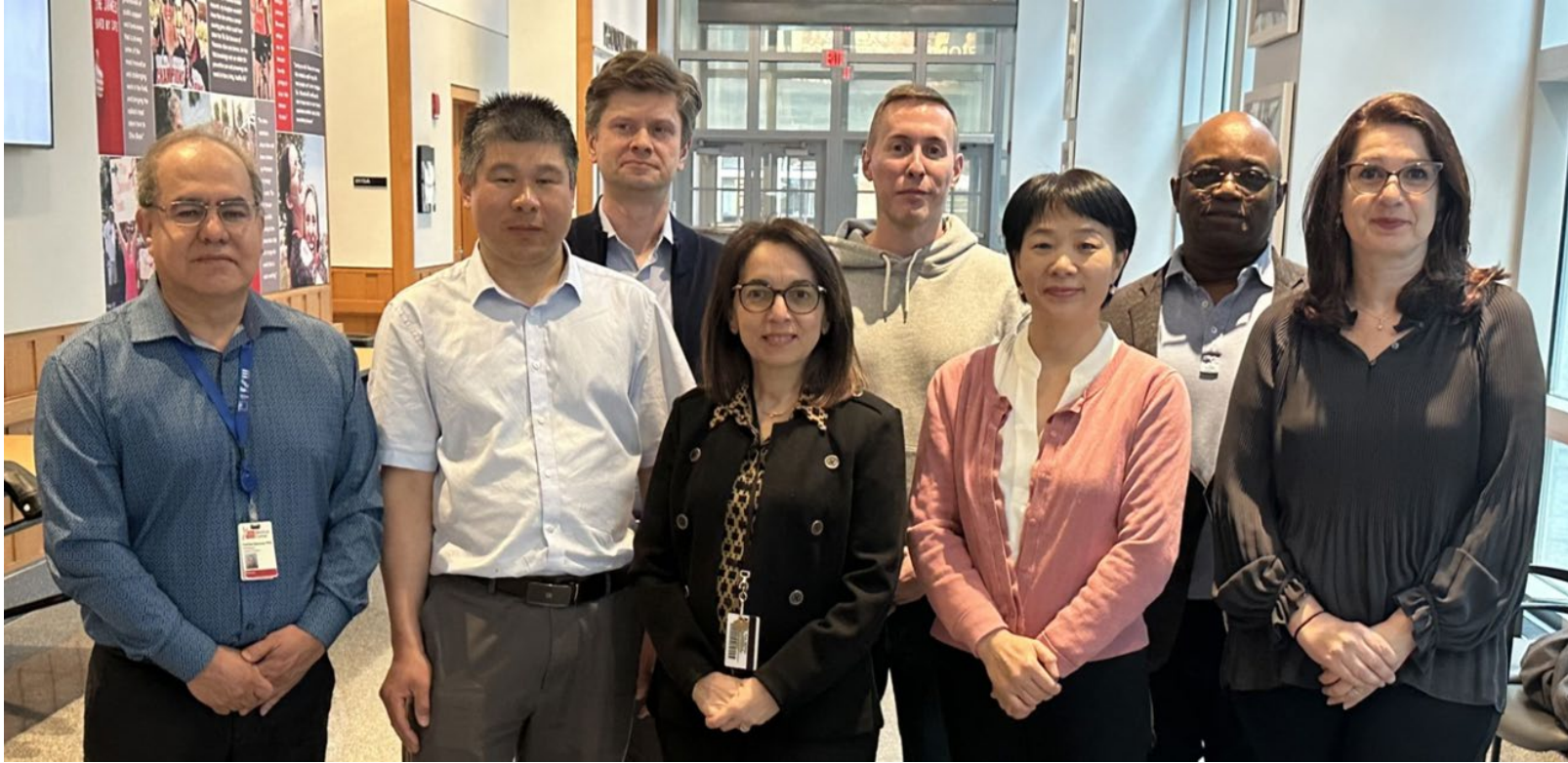
# R&D expenditures by external sponsors

Fiscal Year through third quarter comparison (partial year)

FY 2023 (July – March) to FY 2024 (July – March)

Sponsor Group	+ / -	% change
<b>Federal</b>		
National Institutes of Health (NIH)	▲	9%
National Science Foundation (NSF)	▲	29%
Department of Defense (DoD)	▲	45%
Department of Energy (DoE)	▼	-10%
Department of Education (ED)	▲	1%
NASA	▼	-7%
USDA	▲	25%
Other Federal	▼	-2%
<b>Total Federal</b>	▲	13%
<b>Non-Federal</b>		
Industry	▼	-2%
State of Ohio	▲	13%
Private Agencies	▲	12%
Other Non-federal	▲	15%
<b>Total Non-Federal</b>	▲	8%
<b>Total External Expenditures</b>	▲	11%

# Growth of large interdisciplinary awards continues



Prof. Amal Amer and her interdisciplinary, multi-college team were awarded a \$3 million National Institute's of Health grant to study pathways to tune human immune system in disease.



# 2024 Ohio State Distinguished Scholars and Early Career Distinguished Scholars



Amal Amer



Sara Butler



Smita Mathur



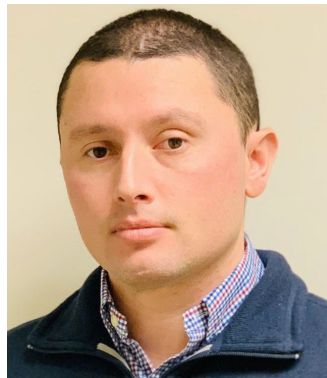
Srinivasan  
Parthasarathy



Robyn Warhol



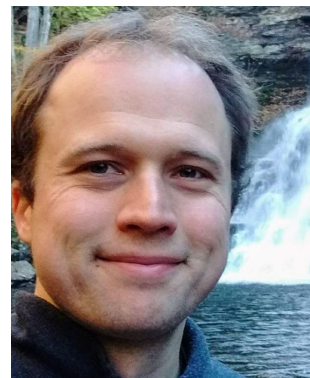
Shang-Tian Yang



Daniel Gallego-  
Perez



Joshua Joseph



Brian Skinner



Chris Zhu

# Accelerating the Innovation Ecosystem: Grand Opening of the Student Entrepreneurs' Center



Accelerating the Innovation Ecosystem:  
2024 President's Buckeye Accelerator Cohort named



May 2024



# Techstars Columbus First Cohort Launch

Twelve companies, including 22 founders, started the Techstars accelerator programming in March. Five of these software companies already have a presence in Columbus and others hail from the Bay Area, NYC, Los Angeles, Chicago, London, Florida, New Jersey, London, Berlin, Israel and Armenia.

Companies will report out on their progress on May 29 as part of Techstar's Demo Day.

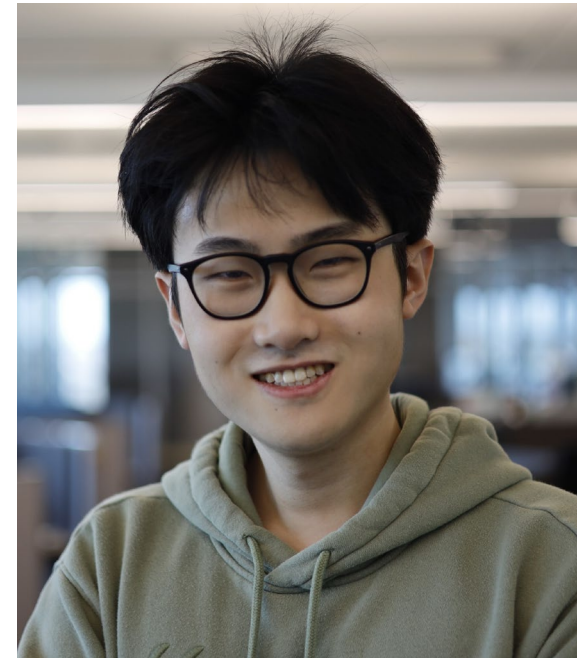
# 2024 Innovators of the Year



**Emre Koksal**  
College of Engineering  
Innovator of the Year



**Kotaro Nakanishi**  
College of Arts and Sciences  
Early Career  
Innovator of the Year



**Enming (Sam) Xing**  
College of Pharmacy  
Next Generation Innovator  
of the Year

# Panel Presentation

May 2024



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# Innovators at Ohio State



**Katie Garry**  
Founder and CEO, Seek  
Techstars Accelerator



**Adithya Ramaswami**  
Founder and CEO, ParaWave  
President Buckeye Accelerator  
Winner, Cohort 1



**Emre Koksai**  
2024 Innovator of the Year  
College of Engineering



## **SUMMARY OF ACTIONS TAKEN**

*February 22, 2024 – Research, Innovation & Strategic Partnerships Committee*

### **Members Present:**

Lewis Von Thaeer  
Reginald A. Wilkinson  
Juan Jose Perez

Bradley R. Kastan  
George A. Skestos  
Taylor A. Schwein

Phillip Popovich  
Hiroyuki Fujita (ex officio)

**Members Present via Zoom:** N/A

**Members Absent:** N/A

The Research, Innovation & Strategic Partnerships Committee of The Ohio State University Board of Trustees convened on Thursday, February 22, 2024, in person at the Longaberger Alumni House on the Columbus campus. Committee Chair Lewis Von Thaeer called the meeting to order at 12:57 p.m.

## **PUBLIC SESSION**

### ***Items for Discussion***

1. Quarterly Highlights for Research, Innovation and Knowledge, and conversation with 2023 Nobel Prize Laureate in Physics – Dr. Pierre Agostini: The committee welcomed Professor Emeritus Pierre Agostini, 2023 Nobel Laureate for Physics, and his former lab partner and current professor in physics, Lou DiMauro. Following, Dr. Mohler provided a brief overview of research and innovation highlights from the last quarter.

(See Attachment X for background information, page number XX)

2. Ohio State's Research and Development Expenditures Highlights: Dr. Mohler gave an overview of Ohio State's current rankings in research expenditures. He highlighted Ohio State's fiscal year 2023 research expenditure data, including a new overall record for total research expenditures for the university. He concluded with positive data on trends in proposal development.

(See Attachment X for background information, page number XX)

### ***Item for Action***

3. Approval of Minutes: No changes were requested to the November 16, 2023, meeting minutes; therefore, a formal vote was not required, and the minutes were considered approved.

## **EXECUTIVE SESSION**

It was moved by Mr. Von Thaeer seconded by Mr. Perez that the committee recess into executive session to consider business-sensitive trade secrets required to be kept confidential by federal and state statutes and to consult with legal counsel regarding pending or imminent litigation.





A roll-call vote was taken, and the committee voted to go into executive session with the following members present and voting: Mr. Von Thae, Dr. Wilkinson, Mr. Perez, Mr. Kastan, Mr. Skestos, Ms. Schwein, Dr. Popovich and Dr. Fujita.

The committee entered executive session at 1:25 p.m., and the meeting adjourned at 2:25 p.m.

DRAFT