

THURSDAY, NOVEMBER 16, 2023
RESEARCH, INNOVATION & STRATEGIC PARTNERSHIPS COMMITTEE MEETING

Lewis Von Thaer, 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 – 2:30pm

Public Session

ITEMS FOR DISCUSSION

1. *Committee Chair's Remarks – Mr. Lou Von Thaer* 1:00-1:05pm
2. *Quarterly Highlights for Research, Innovation and Knowledge - Dr. Peter Mohler* 1:05-1:10pm
3. *Advancing University Technology Commercialization Efforts – Dr. Peter Mohler, Mr. Kevin Taylor and Dr. Tom Darrah* 1:10-1:25pm

ITEM FOR ACTION

4. Approval of August 2023 Committee Meeting Minutes – Mr. Lou Von Thaer 1:25-1:30pm

Executive Session

Research, Innovation and Knowledge – Quarterly Highlights

November 2023



Oct 03, 2023

Ohio State's Agostini wins Nobel Prize in Physics

Emeritus professor one of 3 who were awarded this year

[No Title]



Jeff Grabmeier

Ohio State News

grabmeier.1@osu.edu

[Pierre Agostini](#), professor emeritus of [physics at The Ohio State University](#), has been awarded the [2023 Nobel Prize in Physics](#) with two of his colleagues.

The Royal Swedish Academy of Sciences recognized the scholars “for experimental methods that generate attosecond pulses of light for the study of electron dynamics in matter.”



Ohio State receives \$37.9M NIH renewal grant, appoints new leader for translational research

NIH recently renewed its grant with Ohio State for a seven-year, \$37.9 million Clinical and Translation Science Award.

This will fund the center's work to turn scientific discoveries into clinical therapies that improve human health.

The grant supports collaborative research by Ohio State, Ohio State Wexner Medical Center and Nationwide Children's Hospital. This is the fourth cycle of NIH funding since 2008.



Julie Johnson, PharmD
Director, Center for Clinical and Translational Science

NSF funds new center using artificial intelligence

The National Science Foundation partnered with its sister organization in Canada to provide nearly \$9 million in funding to launch the AI and Biodiversity Change (ABC) Global Climate Center at Ohio State.

The center brings together ecologists and computer scientists from six universities in the United States and Canada, with partners in the UK, Europe and Australia. Together they will develop new AI-enabled, data-supported approaches.



Tanya Berger-Wolf
Director, Translational Data Analytics Institute

Advancing University Technology Commercialization Efforts

Kevin Taylor, Senior Associate Vice President, Technology
Commercialization, Office of Innovation and Economic Development

Tom Darrah, Professor, School of Earth Sciences

Ohio State innovation: Strategic path to excellence

Alignment across university

Increase outreach and engagement with colleges and researchers

Alignment with external stakeholders

Drive transparency with and meet the needs of community stakeholders

Speed and rigor in dealmaking

Focus on high-impact deals, improve deal speed and increase quality

Improved customer experience

Deliver all services with transparency, speed and efficiency

Development of the ecosystem

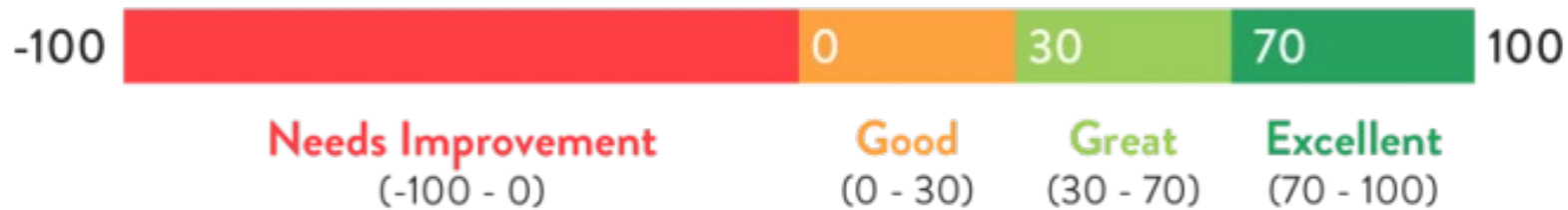
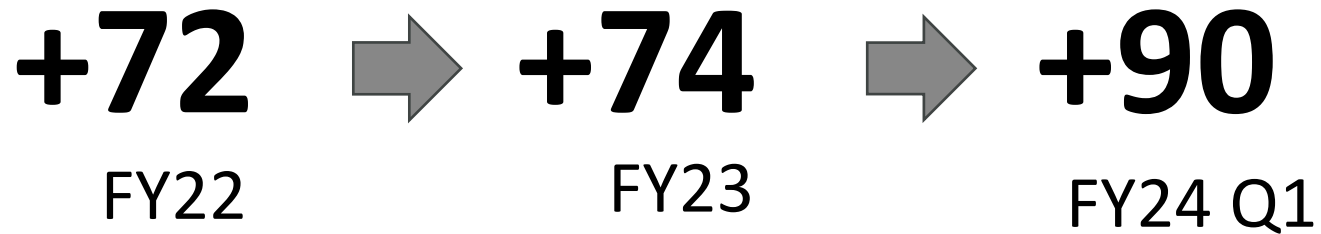
Partner across ecosystem to drive innovations into the market

Operations and compliance

Ensure culture of excellence and compliance across all operations

Relationship-building and alignment with faculty

Technology commercialization team NPS results



The technology commercialization team uses a Net Promoter Score (NPS) to gauge customer satisfaction. A score higher than +30 indicates an organization has far more satisfied customers than unhappy ones.

Improvements powered strong results for past FY



70

Deals



10

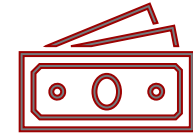
New
Startups



363

Invention
Disclosures

19% growth from
previous year



\$18.8M

Revenue

A new
Ohio State record!

Strong performance, focus on continuous improvement remains

Active Improvement Areas

- Ohio State Innovation Foundation (OSIF) governance
- Deal speed
- Technology de-risking
- New initiative launches
- Strategic partnerships and new ventures

High Performing Areas

- Customer satisfaction
- Researcher engagement
- Patent prosecution
- Operations

Focused approach in health sciences – FY24 Q1 Data

+81% 

increase in technology summaries
finalized and published¹

6

new therapeutics deals in pipeline²
(sourced from marketing efforts in FY24 Q1)



Current Health Sciences Pipeline³

	Interest & Viability	Use & Business Case	Terms Negotiation	Finalizing Agreement
Therapeutics & Drug Delivery	15	9	7	3
Medical Devices	10	4	1	1
Diagnostics	3	1	3	0
Digital Health	5	2	1	1

¹ 6/30/2023: 285 tech summaries across entire TCO portfolio published at oied.osu.edu

10/02/2023: 516 tech summaries across entire TCO portfolio published at oied.osu.edu

² as of October 3, 2023

³ as of October 26, 2023

World-class expertise added to OSIF Board of Directors



Katharine Ku

Wilson Sonsini Law Firm

Chief Licensing Advisor

Kathy Ku was executive director of Stanford's Office of Technology Licensing for nearly 30 years and has been involved in university-industry relations for 40 years. She is now serving as a member of OSIF's Board of Directors.



Tom Darrah

Professor
School of Earth Sciences





SUMMARY OF ACTIONS TAKEN

August 17, 2023 – Research, Innovation & Strategic Partnerships Committee

Members Present:

Lewis Von Thaeer
Reginald A. Wilkinson

Juan Jose Perez
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, August 17, 2023, in person at Vitria on the Square, 14 E. 15th Avenue, Columbus, OH, 43201. Committee Chair Lewis Von Thaeer called the meeting to order at 12:59 p.m.

PUBLIC SESSION

Items for Discussion

1. Committee Chair's Remarks: Mr. Von Thaeer kicked off the meeting by welcoming trustee, Taylor Schwein, to the committee. He also took a moment to acknowledge Peter Mohler as the executive vice president for the Enterprise for Research, Innovation and Knowledge.
2. Quarterly Highlights for Research, Innovation and Knowledge: Dr. Peter Mohler highlighted a couple of big research awards specifically \$12M to a team in the Department of Obstetrics and Gynecology to study treatment option when medication becomes necessary in patients with gestational diabetes and \$22M to allow Ohio State researchers to develop new approaches to treat multiple neurodegenerative diseases. In addition he highlighted a few recent innovation successes including Tom Darrah, Ohio State's 2023 Innovator of the Year, whose startup recently exited stealth mode and raised \$91M.

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

3. Ohio State Strategic Focus Areas – Smart Mobility: Ohio State's Role in the Future of Transportation: Mr. Brett Roubinek, president and CEO for Transportation Research Center, Inc. was joined by Larry Geise, executive vice president, Honda Development & Manufacturing of America, LLC, and Trey Brown, aerospace engineering PhD student, to give an overview of Transportation Research Center's physical space, partnership development, research expenditure growth and employment numbers. Mr. Geise was able to provide an overview of Honda's ongoing partnership with TRC while Mr. Brown provided his experiences with TRC as a recruitment tool for him joining Ohio State and how it is accelerated his learning.

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



Item for Action

4. Approval of Minutes: No changes were requested to the May 18, 2023, meeting minutes; therefore, a formal vote was not required, and the minutes were considered approved.

EXECUTIVE SESSION

It was moved by Mr. Von Thaer, and seconded by Dr. Wilkinson, 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 Thaer, Dr. Wilkinson, Mr. Perez, Ms. Schwein, Dr. Popovich, and Dr. Fujita.

The committee entered executive session at 1:28 p.m. and the meeting adjourned at 2:27 p.m.