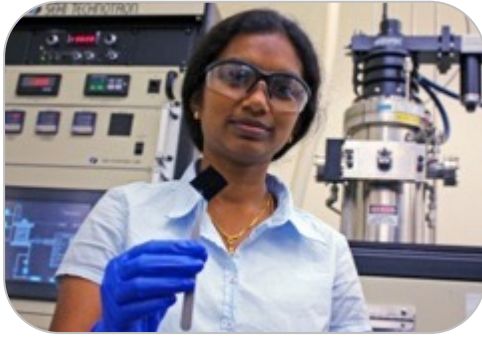




PURDUE UNIVERSITY

**P** PURDUE  
UNIVERSITY®

# Board of Trustees Meeting Topics



**FEB:** Strategic Initiative Update



**APRIL:** Affordability



**JUNE:** Fundraising



**AUG:** End of Year Report



**OCT:** Enrollment & Graduation



**DEC:** Institutional Reputation

<b>Marcel Sassola III</b> College of Pharmacy	<b>\$20M</b>
<b>Anonymous</b> School of Business	<b>\$10M</b>
<b>Anonymous</b> School of Business	<b>\$10M</b>
<b>David Julian Haase (d. 2022)</b> Purdue Polytechnic Institute	<b>\$2.38M</b>
<b>Shorty and Ro Whittington</b> College of Agriculture	<b>\$2.25M</b>
<b>Anonymous</b> College of Health and Human Sciences / Division of Financial Aid / Purdue Polytechnic High Schools	<b>\$2.1M</b>
<b>Anonymous</b> School of Business	<b>\$2M</b>

<b>Anonymous</b> College of Engineering	<b>\$1.4M</b>
<b>Anonymous</b> School of Business / College of Engineering	<b>\$1M</b>
<b>Gerald and Nanette Lyles</b> School of Business	<b>Undisclosed</b>
<b>New Eagle Foundation</b> Intercollegiate Athletics	<b>Undisclosed</b>
<b>Jean Louise Taaffe</b> College of Health and Human Sciences	<b>Undisclosed</b>
<b>James Tarpo Jr.</b> College of Science	<b>Undisclosed</b>

## Major milestone: strategic faculty hiring in public health and health equity

*Eleven new faculty spanning health policy, epidemiology & nutrition, from institutions such as Harvard, Duke, and Michigan, coming together to create a health equity center for central Indiana*



*Health Equity Faculty Hires*

## Jerome Adams MD, MPH (20<sup>th</sup> US Surgeon General), leads 2<sup>nd</sup> Annual Health Equity Summit – February 14, 2023

*Featuring Judith Monroe MD, president and CEO of the CDC Foundation*

## Significant increases in recruitment and retention of Black staff, including in key senior roles

### *Key Hires:*

*Director of Security for PARI*

*Director of Student Health Center*

*Deputy Athletic Director*



## Creating a sense of belonging

*Family Dinner: First-ever gathering of Black faculty and staff from across the Purdue system to create community and belonging*

*MLK: Concert featuring world-renowned Morgan State University Choir performing alongside Black Voices of Inspiration and the Purdue Varsity Glee Club*

## DRIVING *EXCELLENCE AT SCALE* & *INDIVIDUALIZED STUDENT SUCCESS*

### **Individualized Pathways to Graduation**

AI-assisted,  
personalized degree  
planning tools to  
optimize choices based  
on major & career goals.

Piloting now for fall rollout

### **Agile Classroom Innovation**

Agile environment for  
classroom learning &  
improved student  
experiences.

20 competitive projects  
underway

### **Learning Beyond the Classroom**

New online hub to  
maximize visibility and  
scalability of career-  
relevant experiences for  
students.

Pilot in fall

## HIGHLIGHTS

- \$45M in new federal funding for Digital Forestry (\$22M to Purdue not included in the 2022 numbers)
  - USDA AFRI Sustainable Agriculture Systems, **\$10M**
  - USDA-FPAC Climate Smart Commodities, **\$35M**
- Continued industry engagement including ongoing research with Bayer Crop Science in digital agriculture and formal conversations with AWS and Planet Lab to advance technology in digital forestry
- Increased visibility through the Center for Food Demand and Sustainability (CFDAS) with timely reports and insights on emerging trends



**\$24.4M** in research awards



**421** publications  
**55,558** citations



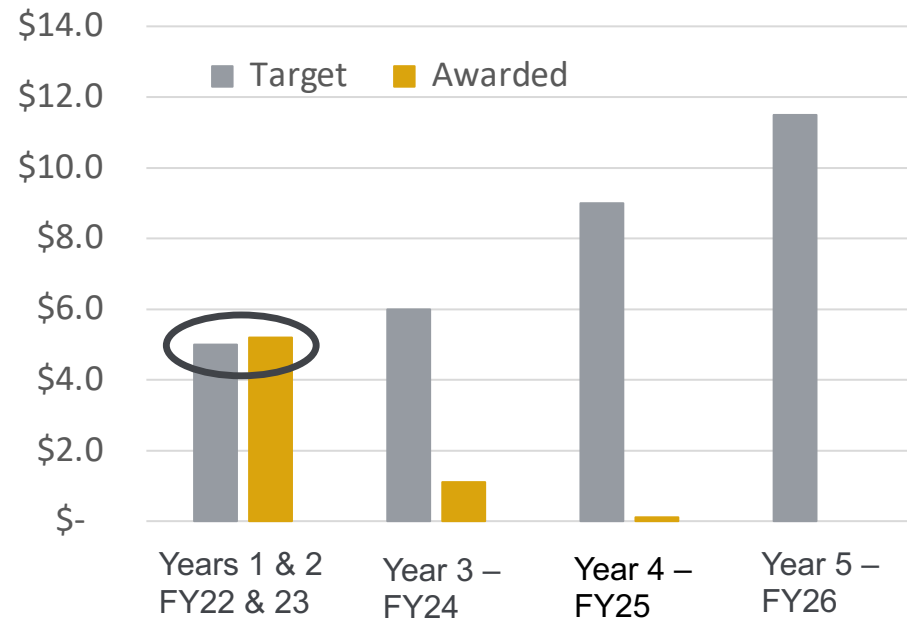
**187** graduate students  
**482** undergrad students  
**29** post-docs



**26** disclosures  
**17** patent applications  
**7** patents issued  
**10** commercial licenses  
**\$1,455,000** invested in  
**18** startups via Ag-Celerator

## YEAR 1-2 GROWTH TARGET ACHIEVED

### PARI Indirect Cost Recovery Target vs Awarded



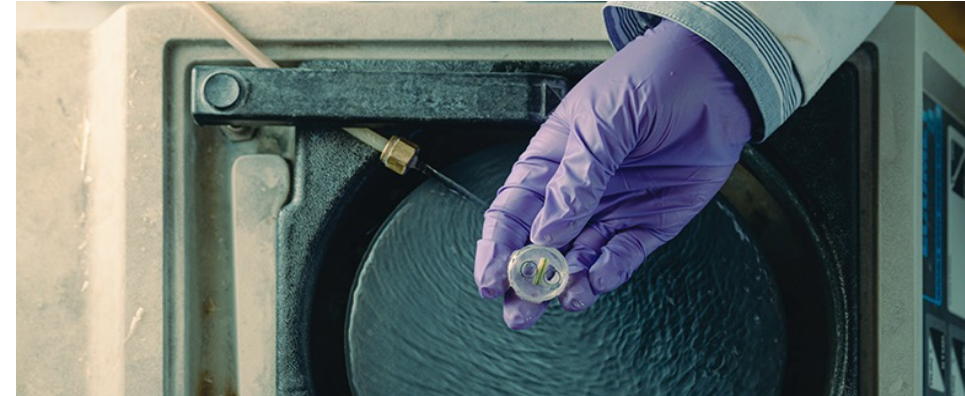


## HYPERSONICS AND SPACE VEHICLES



- 40+ leading faculty in aerothermodynamics, propulsion, systems engineering, guidance and control, high-temp materials and manufacturing
- \$42M, 65,000-sq.-ft. facility with Mach 8 quiet wind tunnel, Mach 5-40 HYPULSE shock tunnel, and advanced manufacturing capabilities
- \$73M high-speed propulsion facility to test conditions in hypersonic flight

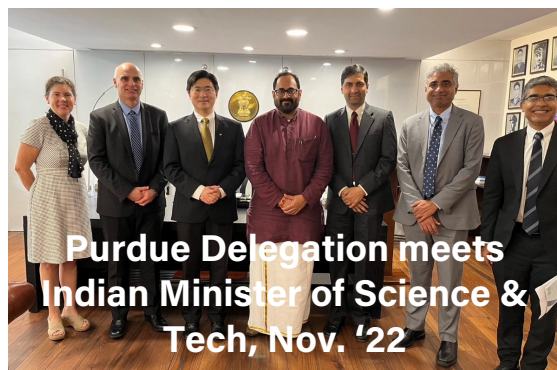
## SECURE MICROELECTRONICS



- 50+ faculty experts with >\$100M in active R&D awards from DOD, NSF, DOE, and industry
- Extensive facilities with 25,000-sq.-ft. cleanroom that supports PPPs
- Nation's first comprehensive semiconductor degrees program
- Heading \$20M SCALE, the preeminent DOD semiconductor workforce development program

- May 27, 2022 – Purdue launched **Semiconductor Degrees Program**
- Jun 29, 2022 – **MediaTek** announced plans to open **semiconductor design center** at Purdue
- Jul 13, 2022 – Purdue launched Purdue **Semiconductor Degree Leadership Board (SDLB)**, 26 current companies
- Jul 20, 2022 – **SkyWater** announced plans to build **\$1.8B fab** in West Lafayette, Discovery Park District
- Aug 23, 2022 – Purdue signed MOUs with NYCU and NCKU in Taiwan for dual degree programs
- Sep 13, 2022 – **Secretary of State Blinken** and **Secretary of Commerce Raimondo** visited Purdue
- Sep 13, 2022 – Purdue IR **semiconductor info session** attracted over 650 Purdue students and 28 companies
- Sep 26, 2022 – DOD expanded the SCALE microelectronics workforce development program by five years and \$10.8M (up to \$99M ceiling)
- Oct 3-7, 2022 – Celebrated **Semiconductor Week at Purdue**, including the SDLB on-campus visit, annual reviews for CSMC and C-BRIC research centers, lectures, and recognition of faculty awards
- Nov 4, 2022 – Purdue signed **agreement with IIT Delhi and IIT Madras** in India for dual degree programs
- Dec 7, 2022 – Purdue received **\$5M READI/IEDC grant** for workforce development programs jointly with Ivy Tech
- Dec 16, 2022 – Purdue and World Scientific launched **new semiconductor book series**
- Jan 11, 2023 – Purdue launched **Changing the World with Chips - Introduction to Semiconductors** course, 180+ Purdue students enrolled, 14 companies, worldwide audience

# Purdue Semiconductor Moments



Purdue highlighted

**THE WALL STREET JOURNAL.**

**Chips Are the New Oil and America Is Spending Billions to Safeguard Its Supply**

January 14, 2023

**The New York Times**

**U.S. Pours Money Into Chips, but Even Soaring Spending Has Limits**

January 1, 2023

**The Washington Post**

**Economic Future of U.S. Depends on Making Engineering Cool**

October 23, 2022

## GOAL

Purdue will have a top-10 Business School with distinct scholarly strengths across undergrad, Master, PhD executive ed and research

## GOAL

Purdue will educate many business leaders excellent at technology-driven free market economy

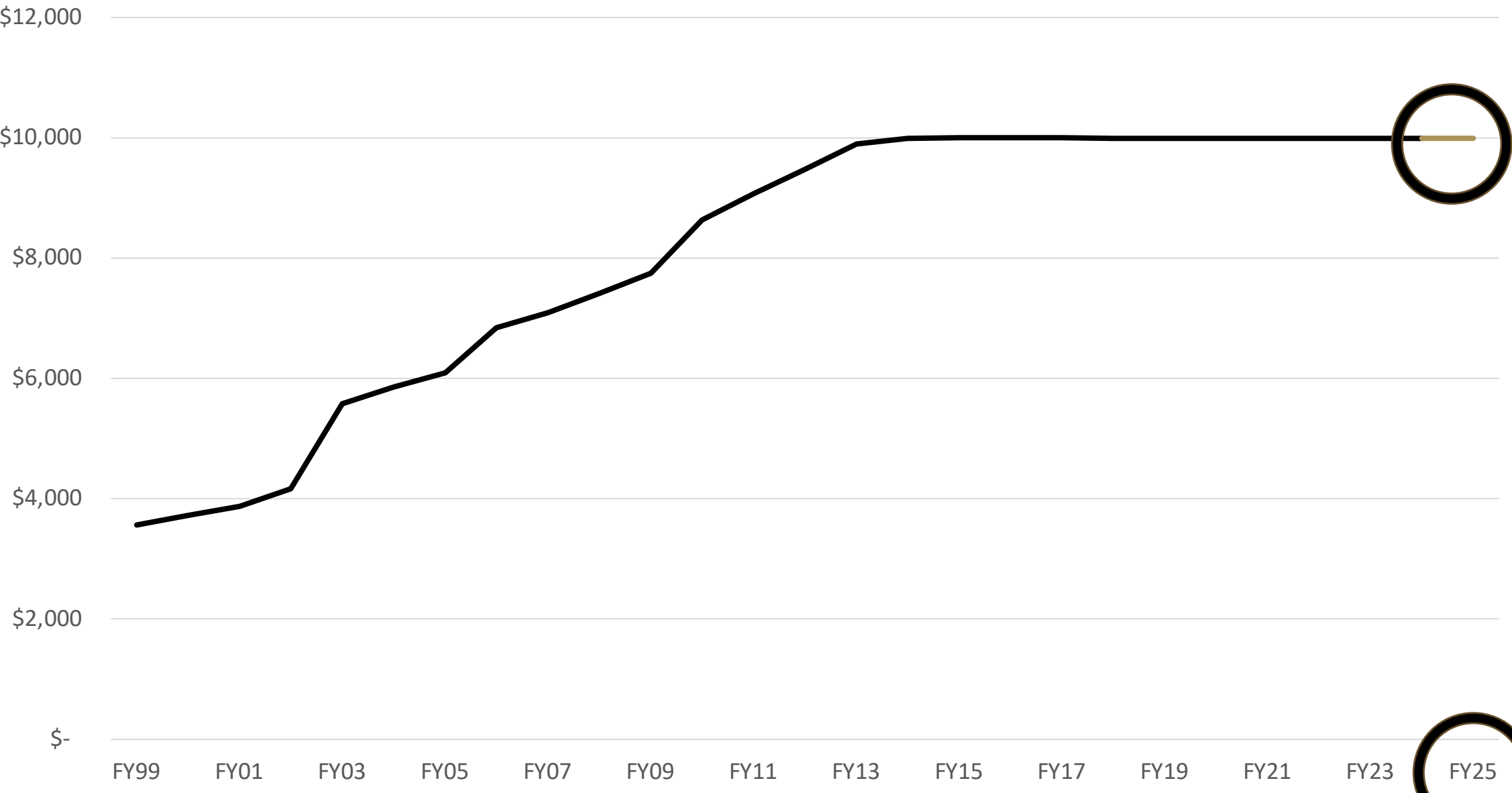
- 125,000 GSF new academic building
- ~50 new outstanding faculty by 2030, and additional staff
- Bigger and Better: undergraduate, graduate, online, executive and research
- New departments, programs, centers, learning experiences
- \$100M+ university investment
- \$200M+ fundraising campaign
- **\$300M+**

# Winter Recess Extension: Proposed Schedule

## DECEMBER 2023 – JANUARY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
17	18	19	20	21	22 <b>Scheduled Holiday</b>	23 WEEKEND
24 WEEKEND	25 <b>Scheduled Holiday</b>	26 <b>Scheduled Holiday</b>	27 Proposed Holiday	28 Proposed Holiday	29 Proposed Holiday	30 WEEKEND
31 WEEKEND	1 <b>Scheduled Holiday</b>	2	3	4	5	6

# FY 25 Tuition Freeze - West Lafayette



***THANK YOU***





2/2/23

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ANNOUNCING

The

**Mitchell E. Daniels, Jr.**

SCHOOL OF BUSINESS

PURDUE UNIVERSITY

