Board of Trustees Meeting

February 6, 2026

PURDUE UNIVERSITY®

Sponsored Research Awards Highlights

September 2025

Principal Investigator and Department	Sponsor	Grant Title	Total Project Award Amount
Aniket Bera College of Science - Computer Science	U.S. Army Contracting Command – Aberdeen Proving Ground, Research Triangle Park Division	Advanced Air-Ground Teaming for Autonomous Terrain Mapping and Threat-Aware Navigation	$1,516,588.00

October 2025

Principal Investigator and Department	Sponsor	Grant Title	Total Project Award Amount
Guillermo Paniagua-Perez College of Engineering - Mechanical Engineering	Air Force Office of Scientific Research	Embedded Flow Control for High Work/Low Reynolds Number Turbines ToWards integratiOn (bfconturTWO)	$1,030,317.00
Leonid Rokhinson College of Science - Physics and Astronomy	Department of Energy-Basic Energy Sciences, Materials Science	High-Tc With a Twist: Development of High Temperature Parity Protected Qubits	$1,187,451.00

Sponsored Research Awards Highlights

November 2025

Principal Investigator and Department	Sponsor	Grant Title	Total Project Award Amount
John Edward Blendell College of Engineering - Materials Engineering	U.S. Partnership for Assured Electronics/Department of the Army	USPAE Proposal to CIR CS-20-1302 for Lead Free Defense Electronics	$5,445,000.00
Zherui Guo College of Engineering - Aeronautics and Astronautics	Office of Naval Research	Multi-Particle Impact Wear in High-Speed Aeroengines	$1,728,894.00
Brady Hardiman College of Agriculture - Forestry and Natural Resources	National Science Foundation	NSF ExLENT BEGINNINGS: Driving Real-World Integration of AI Into Digital Forestry and Natural Resources (DRIAD)	$990,272.00
Gregory Scofield PARI Hypersonics Lab - Hypersonics Advanced Manufacturing Technology Center	National Security Technology Accelerator/Naval Surface Warfare Center, Crane Division	PARI PHL HAMTC JHTO - Advanced Manufacturing of Hypersonic Radomes and Apertures	$1,556,011.00
John Tesmer College of Science - Biological Sciences	University of Utah/Public Health Service-National Institutes of Health-National Cancer Institute	Elucidating the Functional Role and Therapeutic Potential of GPCR Kinase 2 in Primary and Therapy-Resistant Basal Cell Carcinoma	$1,120,475.00
Manghui Tu College of Technology - Computer Information Technology and Graphics	University of West Florida/Washington Headquarters Services	Extend and Expand the AI-Cybersecurity Workforce Certification Based Training Program CWCT With AI Literacy Training	$3,000,000.00

Sponsored Research Awards Highlights

December 2025

Principal Investigator and Department	Sponsor	Grant Title	Total Project Award Amount
Daniel DeLaurentis Vice President – Purdue Research – Central Support	Eli Lilly and Company	Lilly 360 - Agentic Drug Discovery Activation Plan Jan-June 2026, Nanomedicine 2026 and Routes of Administration	$19,848,148.00
Michael Titus College of Engineering - Materials Engineering	Collaborative Composite Solutions Corporation/Department of the Army	Purdue IACMI METAL Hub: Smart Foundry, Investment Casting, and Industry 4.0	$1,826,545.00

Sponsored Research Awards Highlights

January 2026

Principal Investigator and Department	Sponsor	Grant Title	Total Project Award Amount
Krishna Jayant College of Engineering - Biomedical Engineering	Air Force Office of Scientific Research	MURI: ENERGY - multiscalE Neural mEchanisms balancing cognitive costs undeR enerGY constraints	$4,500,000.00
Martin Byung-Guk Jun College of Engineering - Mechanical Engineering	HD Korea Shipbuilding & Offshore Engineering/Korea Institute for Advancement of Technology	Development of a Lightweight, Real-Time Controlled Welding Robot System for Autonomous Block Welding and Seamless Operation in Confined Ship Structures	$1,638,334.00
Sunghwan Lee Purdue Polytechnic - Engineering Technology	Hansol Chemical/Korea Institute for Advancement of Technology	Toward Dry-Processable Silicon Anodes for Solid-State Batteries Exceeding 7 mAh/cm² via CVD Polymer Surface Modification	$2,721,715.00
Michael James Manfra Centers and Institutes - Birck Nanotechnology	University of California, Santa Barbara/Air Force Office of Scientific Research	TuNES: Tunable Non-Reciprocal Engineered Superconductors	$1,236,124.00
Haley Oliver-Jischke Office of the Provost – Office of Graduate Students and Postdoc Scholars	National Science Foundation	NSF Graduate Research Fellowship Program (GRFP) 25-26	$2,791,499.00
Chanele Robinson-Rucker College of Health and Human Sciences - Human Development and Family Science	National Institute of Food and Agriculture	Early Learning Matters (ELM)	$1,036,313.00
Caue Sciascia Borlina College of Science - Earth, Atmospheric, and Planetary Sciences	National Aeronautics and Space Administration	Determining the Influence of Impacts on the Lunar Magnetic History	$1,100,067.00

Resolutions of Appreciation

Brian and Selita Reichart Mitch Daniels School of Business	$5M
AGE Fisher Foundation College of Engineering	$1M
Patrick and Darcy Eib Student Life	$1M
Michael and Carolyn Ott Intercollegiate Athletics	$1M
Paula Conroy Mitch Daniels School of Business	Undisclosed
Anonymous College of Veterinary Medicine	$1M

Namings

1) Request to name rooms 213A, 213B, 213C and 213D in the future Mitch Daniels School of Business building the Hayes Family Equipment Hub and the Hayes Leadership Coaching Institute as part of the Daniels School's Center for Working Well

   Donor: Hayes Family Foundation

2) Request to name Room 190 in the future Mitch Daniels School of Business building the Reichart Family Auditorium

   Donors: Brian and Selita Reichart

Winter Recess Extension

Current Schedule

DECEMBER 2026 – JANUARY 2027						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
20	21	22	23	24 University Holiday	25 University Holiday	26 WEEKEND
27 WEEKEND	28	29	30	31	1 University Holiday	2 WEEKEND
3 WEEKEND	4	5	6	7	8	9 WEEKEND

Proposed Schedule

DECEMBER 2026 – JANUARY 2027						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
20	21	22	23	24 University Holiday	25 University Holiday	26 WEEKEND
27 WEEKEND	28 Proposed Holiday	29 Proposed Holiday	30 Proposed Holiday	31 President's Designated Holiday	1 University Holiday	2 WEEKEND
3 WEEKEND	4	5	6	7	8	9 WEEKEND

PURDUE UNIVERSITY

Highlights of Purdue Computes

Computing

Physical AI

Semiconductors

Quantum

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Purdue Computes: Computing

Top 10 National Rankings

- CS/Cybersecurity: #6
- Computer Engineering: grad #9
- Electrical Engineering: grad #9
- Computer Engineering: undergrad #9
- Electrical Engineering: undergrad #10
- CS/Software Engineering: #10

Academic Strength:

- AI competency pedagogy across colleges and disciplines
- $24M research in AI last year
- New faculty hires in AI

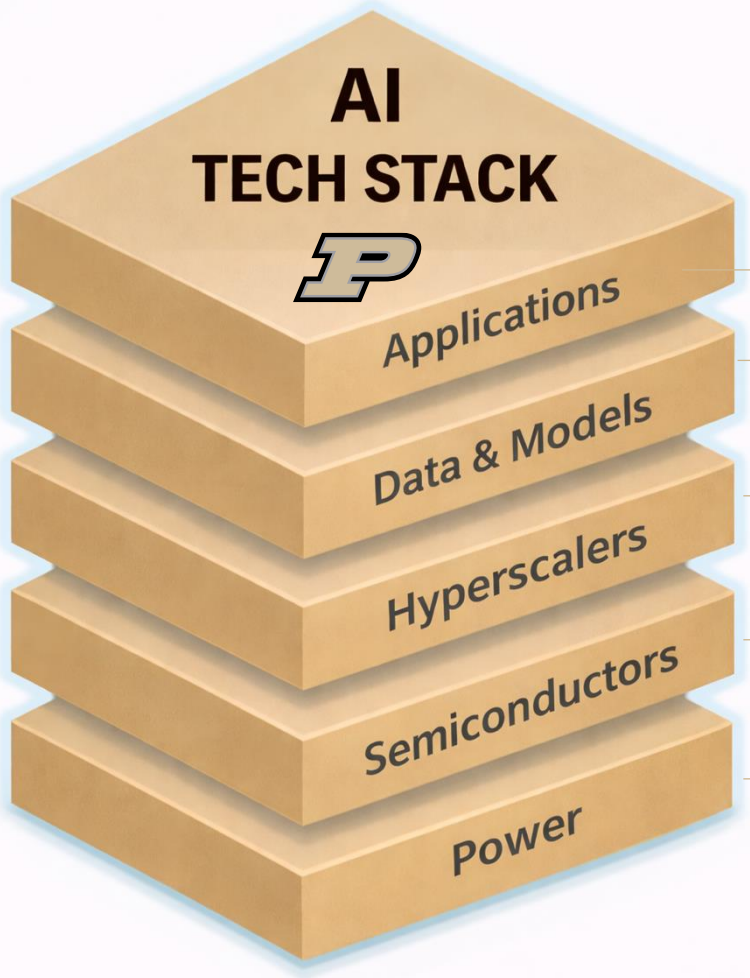
AI Leadership:

- Purdue and Google AI Summit
- 87 companies and government agencies
- 25 Indiana companies and regional partnerships

Computing Infrastructure Addition:

- Enables research and STEM workforce development
  - Gautschi AI supercomputer supporting 42 faculty from 17 departments
  - *Gautschi ranked 20th worldwide on IO 500 benchmark and 27th on HPL-MXP benchmark*

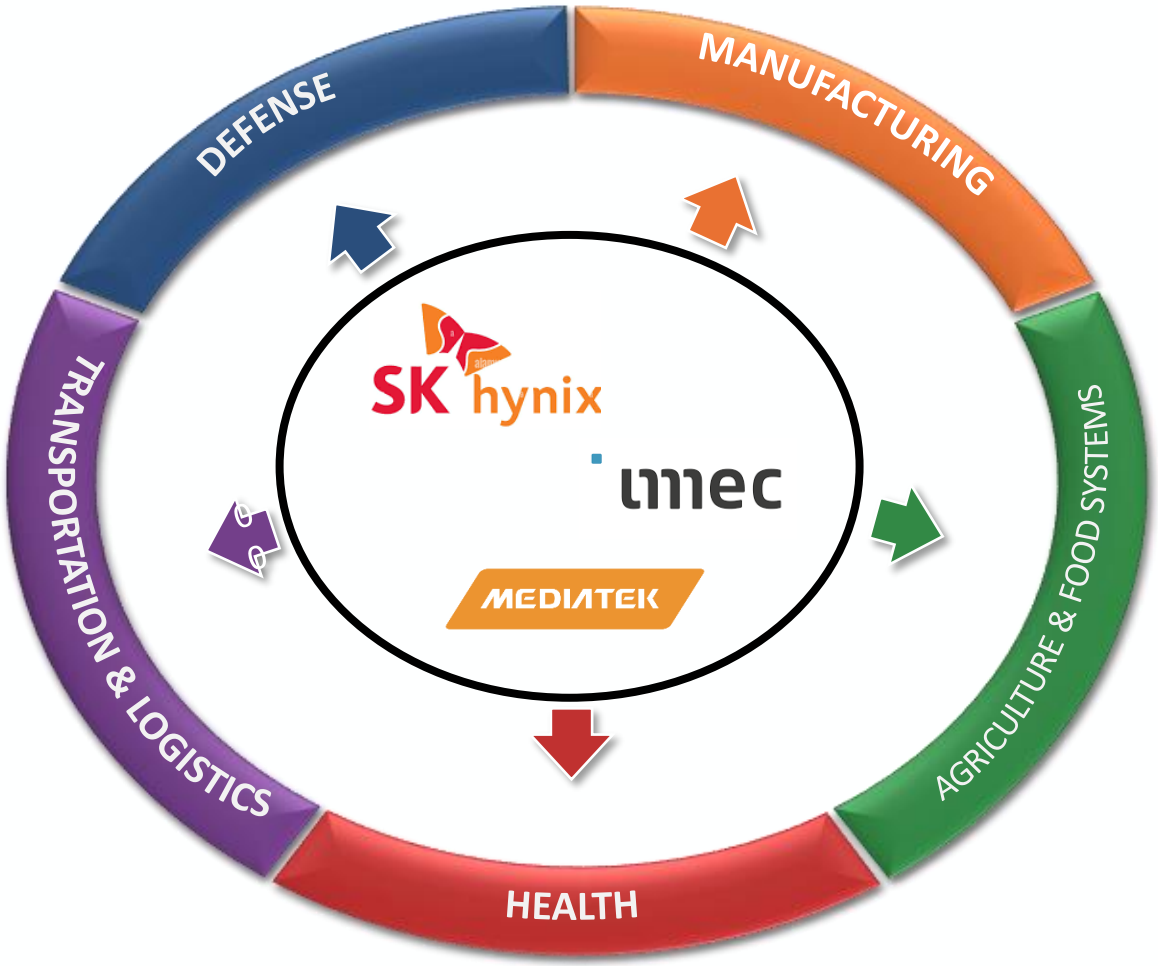
Purdue Computes: AI Tech Stack



Lilly
Google
amazon
SK hynix
BWXT

Microsoft
MERCK
DASSAULT SYSTEMES
NVIDIA
DELL
Google
Meta
imec
MEDIATEK
tsmc
Westinghouse
CURTISS-WRIGHT
HITACHI
DUKE ENERGY
Constellation
Sargent & Lundy

Purdue Computes: Semiconductors



- The nation's newest cluster of semiconductors for AI is emerging in West Lafayette, spearheaded by global leaders SK hynix, MediaTek, imec and Purdue.
- It will create high-value jobs for Americans, opportunities for Purdue students and faculty, and support local ecosystem.
- The cluster is supported by the nation's most ambitious workforce development programs — Semiconductor Degrees Program, SCALE and ChipsHub.
- And bolstered by industry partnerships with TSMC, Global Foundries, ASML, Lam Research, Dassault Systèmes and more
- Augmented by global partnerships with India, South Korea, Taiwan, Japan and more

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Purdue Computes: Quantum

PURDUE UNIVERSITY | Purdue Quantum Science and Engineering Institute

- **Center for Quantum Technologies** (Purdue-led, NSF-funded)
  - Currently in third year of research; 12 industrial partners
  - Includes Indiana-based members Eli Lilly and Company, Cummins and Quantum Corridor
- Purdue Quantum Science and Engineering Institute (PQSEI) launches **Career Pathways Seminar Series,** contributes to two **Chicago Quantum Exchange** proposals.
- Purdue/PNW is founding member of **Midwest Quantum Collaboratory (MQC).**
- Professor Joe Lukens recently distributed entanglement across a three-node quantum network integrating state-of-the-art technologies from both classical and quantum communications, heralding the first deployed quantum network at Purdue.

President Mung Chiang and Chetan Nayak from Microsoft Quantum deliver a "fireside chat" at the Chicago Quantum Summit, Nov. 4, 2025.

- The Quantum Photonic Integrated Design Center (QuPIDC) has recently realized many-body entangled states for quantum sensing, quantum light generation and quantum simulation.
- Materials developed at Purdue contributed to Majorana 1, the Microsoft quantum chip.
- Professor Michael Manfra received the 2026 Oliver Buckley Prize from the APS for experimental discovery of anyons. 18 previous Buckley Prize recipients went on to receive the Nobel Prize.

PURDUE UNIVERSITY | MIDWEST QUANTUM COLLABORATORY | CQT Center for Quantum Technologies | CHICAGO QUANTUM EXCHANGE

Purdue Celebrates America250

PURDUE UNIVERSITY®

Overview

July 4, 2026, signifies a monumental opportunity to celebrate our country's story.

This year we join **America250**, a national mission dedicated to commemorating the 250th anniversary of the signing of the Declaration of Independence. America250 encourages all government levels, businesses, nonprofits, educational institutions and individual citizens to honor Americans' past contributions and commit to brighter tomorrows.

Purdue has powered progress for generations. By being a part of the America250 campaign for the rest of 2026, we spotlight the university's innovation and strengthen the trust in Boilermakers' pursuits.

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https://www.purdue.edu/campaigns/america250/

America250 Key Events and Activations

- Presidential Lecture Series kickoff event: Feb. 26
  - Timothy Ferris' bestselling "The Science of Liberty: Democracy, Reason, and the Laws of Nature" highlights the pivotal role that science plays at the core of liberty and free expression as a precursor to a liberal society while also advancing and promoting economic prosperity.
- Purdue Day of Giving: April 29
- Constitution Day (Sept. 17) and Veterans Day (Nov. 11) commemorations
- America250-inspired merchandise collection and signs of celebration visible on campus
- Storytelling campaign: How Boilermakers have shaped American history
- More events and activations to be announced throughout the year

Thank You

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