

Below is this week's list of selected funding opportunities that may be of interest to Purdue faculty. Please review the opportunities and follow the links for additional details, eligibility requirements, and application instructions.

As a reminder, the Purdue Office of the Executive Vice President for Research and Sponsored Program Services (SPS) have launched a [website](#) to provide the most up-to-date information to help ensure compliance by researchers who may have grants impacted by executive orders during this period of transition at the U.S. government and among U.S. federal agencies.

Limited Submissions & Internal Coordination

Limited Submission Preproposals should be submitted via Purdue's InfoReady portal (<https://purdue.infoready4.com/>). For any case in which the number of preproposals received is no more than the number of proposals allowed by the sponsor, the OOR will notify the PI(s) that an internal competition will be unnecessary. Questions should be addressed to OORlimited@purdue.edu.

DOE – Genesis: Transforming Science and Energy with AI – via InfoReady

KEYWORDS: *Artificial intelligence, energy systems, advanced manufacturing, biotechnology, quantum, national labs*

FUNDING: \$500K–\$5M (Phase I expected smaller) | **INTERNAL DEADLINE:** April 6; **DUE:** April 28, (Phase I); Phase II LOI required | **COST SHARE:** No | **LIMITED SUBMISSION:** Yes

DESCRIPTION: Supports large-scale, interdisciplinary research teams applying artificial intelligence to accelerate scientific discovery and R&D workflows across 21 defined topic areas aligned with DOE mission priorities in energy, environment, and national security. Due to sponsor restrictions allowing only one proposal per institution per topic area (across Phases I and II). Faculty interested in leading a proposal must submit an Intent to Submit to identify topic alignment and avoid conflicts; where multiple teams target the same topic, an internal review will determine which team advances, while any unclaimed topic areas may be filled on a first-to-notify (sgrimes@purdue.edu) basis.

DOC-NIST CHIPS Research and Development Office Broad Agency Announcement – Internal Coordination Required

DESCRIPTION: NIST is soliciting proposals from eligible applicants for research, prototyping, and commercial solutions that advance microelectronics technology in the U.S., to be considered for funding by the CHIPS Research and Development Office (CRDO). Internal coordination is required. If you plan to submit a white paper for this BAA, you must contact Jessica Lawrence (jlawrenc@purdue.edu).

Selected Funding Opportunities

DOL/DofEd Talent Search Program

KEYWORDS: *College access, student success, workforce pathways, K-12 outreach, disadvantaged populations, postsecondary enrollment, educational attainment*

FUNDING: \$250K–\$1M/year (up to \$10M for state-level applicants) | **DUE:** May 1 | **LIMITED:** No | **COST SHARE:** No

DESCRIPTION: Supports large-scale outreach and support programs that identify and assist students from disadvantaged backgrounds in completing secondary education and enrolling in postsecondary pathways. Projects to provide academic advising, financial aid guidance, and career pathway exposure, with increasing emphasis on workforce-aligned pathways such as apprenticeships, dual enrollment, and industry-recognized credentials.

[Amazon – Amazon Research Awards](#) (Spring 2026 Call for Proposals - Multiple Opportunities)

KEYWORDS: *Artificial Intelligence (AI), Machine Learning, Cybersecurity, Agentic Systems, High-Performance Computing (HPC), Cloud Computing (AWS/Trainium), Robotics*

FUNDING: Unrestricted funds + AWS credits (amounts varies, see call) | **DUE:** May 6 | **COST SHARE:** No

DESCRIPTION: The Amazon Research Awards (ARA) program is accepting proposals across seven priority areas: AI for Information Security, Agentic AI, Amazon 2030, Amazon Security, Build on Trainium (post-training acceleration and ML kernels), and Robotics. Projects may span theory, applied research, or novel techniques, with evaluation based on scientific merit, creativity, and potential for large-scale impact. Awards include unrestricted funding, AWS promotional credits, and collaboration opportunities with Amazon scientists and engineers.

[NOAA – Harmful Algal Bloom \(HAB\) Innovation Challenge: Toxin Detection in Seafood](#)

KEYWORDS: *Biosensors, food safety, marine science, toxin detection, analytical chemistry*

FUNDING: \$100K - \$250K/project, \$750K total available | **DUE:** April 14 (LOI); May 14 (full) | **COST SHARE:** No

DESCRIPTION: Supports development of rapid, field-deployable technologies to detect harmful algal bloom toxins in seafood. Strong fit for interdisciplinary teams working in sensing, chemistry, food systems, and marine applications.

[NOAA – Prevention, Control, and Mitigation of Harmful Algal Blooms \(PCM HAB\)](#)

KEYWORDS: *Water systems, environmental engineering, ecosystem modeling, coastal science*

FUNDING: Not stated, historically \$200K - \$400K/project | **DUE:** April 14 (LOI); May 14, 2026 (full) | **COST SHARE:** No

DESCRIPTION: Supports applied research to prevent, control, and mitigate harmful algal blooms in freshwater and coastal ecosystems. Projects may include development of monitoring technologies, predictive modeling, and mitigation or intervention strategies to reduce bloom occurrence and impacts on environmental and human health.

[NIJ – Research and Evaluation on Violence Against Women](#)

KEYWORDS: *Public safety, criminal justice, gender-based violence, policy, social science*

FUNDING: \$3.7M for 4-5 awards | **DUE:** April 20 (LOI); May 11 (Step 1) | **COST SHARE:** No

DESCRIPTION: Supports rigorous research and evaluation on the causes, prevention, and response to violence against women. Projects may examine intervention effectiveness, justice system responses, victim services, and risk factors, with strong emphasis on applied research that informs policy and practice.

[Spencer Foundation – Racial Equity Research Grants](#)

KEYWORDS: *Education research, equity, policy, social science, workforce, higher education*

FUNDING: Up to \$75K | **DUE:** May 4 (Intent); July 1 (full) | **COST SHARE:** No

DESCRIPTION: Supports field-initiated research that advances understanding of racial inequality in education and identifies strategies to improve equity across learning environments. Projects may span early childhood through higher education and include diverse methodological approaches, with priority areas including youth and educator mental health, community-based workforce development, and innovative quantitative approaches to studying racial equity.

[Gates Foundation](#) – Multiple Challenge Opportunities

Keywords: *Global health, nutrition science, biomedical engineering, maternal-fetal health, diagnostics, artificial intelligence, bioavailability*

FUNDING: \$300K - \$1M depending on opportunity and scope | **DUE:** April 28 | **COST SHARE:** Not specified

DESCRIPTION: 1. Breakthrough Innovations to Significantly Reduce the Cost of Severe Acute Malnutrition Treatment; 2. Innovations in Cost-Disruptive Tools for Diagnosis and Screening; 3. Novel Interventions Targeting Placental and Gut Inflammation to Improve Fetal Growth; 4. Artificial Intelligence (AI) to Accelerate Charitable Giving; 5. Cost-Disrupting Innovations to Reduce the Cost of Ready-to-Use Therapeutic Food; 5. Addressing Physiological Barriers to Micronutrient Absorption from Fortified Foods. See specific opportunity for eligibility and detail.

Gilead Sciences – Research Scholars Program in HIV (U.S.)

Keywords: *HIV, infectious disease, translational research, clinician-scientists*

FUNDING: \$180K total | **DUE:** June 25 (Round 1) | **COST SHARE:** No

DESCRIPTION: Supports early-career investigators conducting innovative HIV research. Designed to help clinician-scientists and biomedical researchers establish independent research programs.

Environmental Research & Education Foundation (EREF) – Research Grants

Keywords: *Waste systems, recycling, sustainability, circular economy, materials recovery*

FUNDING: \$15K - \$500K | **DUE:** May 1 (pre-proposal) | **COST SHARE:** Not specified

DESCRIPTION: Supports research addressing solid waste management and sustainable materials systems. Projects may focus on recycling technologies, landfill systems, and circular economy solutions.

Michael J. Fox Foundation – Immune Profiling Insights Program

KEYWORDS: *Parkinson's disease, immunology, biomarkers, neurodegeneration, translational research*

FUNDING: \$3M total (unknown # of awards) | **DUE:** May 15 | **COST SHARE:** No

DESCRIPTION: Supports research leveraging immune profiling approaches to better understand Parkinson's disease biology and progression. Projects may focus on biomarker discovery, immune system involvement in neurodegeneration, and translational strategies that advance therapeutic development.

Melanoma Research Alliance – Next Steps Program

KEYWORDS: *Cancer research, melanoma, translational research, therapeutics, clinical impact*

FUNDING: Up to \$500K | **DUE:** April 10 (LOI); June 16 (full by invitation) | **COST SHARE:** No | **LIMITED**

SUBMISSION: One per PI

DESCRIPTION: Supports high-impact translational research in melanoma aimed at advancing promising discoveries toward clinical application. Projects should demonstrate strong potential for near-term patient impact, including therapeutic development, combination strategies, or biomarker-driven approaches. Internal coordination is required prior to submission.

John Templeton Foundation – Grants (Core Funding Areas)

Keywords: *Philosophy, religion, cognition, economics, interdisciplinary research*

FUNDING: Not specified | **DUE:** Rolling, Online Inquiry required

DESCRIPTION: Supports interdisciplinary research and public engagement projects aligned with Templeton's priority areas, including human flourishing, cognition, and fundamental questions in science and society.

OTHER

NIH: Inside NIH Review: Study Section Insights, Scoring Changes, and Proposal Strategy Webinar

DESCRIPTION: The Office of Research will host the second session of the *NIH Updates & Insights* webinar series focused on recent and upcoming Federal administrative changes that impact proposal preparation and submission. This session will discuss NIH Data Management & Sharing Plan updates, updated NIH review criteria and scoring, structural changes in the study section process, and will feature a panel reflection on proposal discussion trends, strengths/weaknesses, and resubmission strategies. This webinar is designed for faculty, research administrators, and staff involved in NIH proposal development and submission and will be held on **April 3, 2026, from 11:00 a.m. to 12:00 p.m. (ET)**. [REGISTER HERE](#)

Purdue's open limited submission competitions, templates, and limited submission policy may be found at <http://www.purdue.edu/research/funding-and-grant-writing/limited-submissions.php>.

Please contact Sue Grimes (sgrimes@purdue.edu) or Kristi Reynolds (reyno240@purdue.edu) with any questions.

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