April 22, 2026

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**.

NSF – Integrated Data Systems & Services (IDSS) -*Via InfoReady*
KEYWORDS: *Cyberinfrastructure, data systems, AI-driven research, national-scale infrastructure, data lifecycle*
FUNDING: $500K–$60M (Category dependent) | **INTERNAL DEADLINE**: May 11 | **SPONSOR DEADLINE**: July 28 (Category II) | **COST SHARE:** Not allowed | **LIMITED SUBMISSION:** Yes, (1 per institution for Category II)
DESCRIPTION: Supports development, scaling, and planning of national-scale data infrastructure that enables data-intensive and AI-driven research across disciplines. Projects must demonstrate broad, multi-disciplinary impact and support open, integrated data ecosystems. Three categories include: (I) new national-scale systems ($10M–$30M), (II) scaling existing systems (up to $9M), and (III) planning grants (up to $500K). NOTE: Category I & III next cycle -July 2027.

DOC-NIST CHIPS Research and Development Office Broad Agency Announcement **-** *Internal Coordination Required*
KEYWORDS: *Microelectronics, semiconductors, prototyping, national security, advanced manufacturing*
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**).

INTERNAL FUNDING OPPORTUNITIES

Purdue Office of Research – Laboratory and University Core Facility Research Equipment Program (2026–28) - *Via InfoReady*
KEYWORDS: *Research equipment, instrumentation, core facilities, shared resources, infrastructure, internal funding*
FUNDING: Type I: Up to $100K | Type II: Up to $1M (2/3 OOR funding) | **DUE:** Sept 21 (Type I); Sept 14 (Type II concept) | **COST SHARE:** Type II: Yes (1/3 required); Type I: No
DESCRIPTION: Supports acquisition, upgrade, or repair of capital research equipment to address critical and strategic needs across Purdue. Early engagement with your College ADR and Academic Facilities is required and must occur prior to submission—applications without confirmed discussions will not be reviewed. Type I supports requests up to $100K with no cost share; Type II supports $100K–$1M with required matching and a mandatory preliminary concept stage.

Selected Funding Opportunities

NSF Professional Formation of Engineers (PFE)
FUNDING: Undefined **| DUE:** On-going **| COST SHARE:** No
DESCRIPTION: The goal of PFE is to create an ethical engineering workforce with a global outlook and the ability to adapt to the rapidly evolving technical environment. PFE supports projects in the ENGINEER program relating to future and current engineers' training and education in many contexts, including formal classrooms, informal maker spaces, clubs and co-curricular activities, and workplaces.

NSF Organizational Change in the Professional Formation of Engineers (ENGINEER:OC)
FUNDING: Undefined **| DUE:** On-going **| COST SHARE:** No
DESCRIPTION: The Organizational Change in the Professional Formation of Engineers (ENGINEER:OC) area supports research and activities that revolutionize the professional formation of engineers at scale. Projects should take place at organizations that support the professional formation of engineers. These include all eligible types of higher education institutions. These also include other academic, informal, center-based, or workplace-based engineering or engineering technology programs.

NSF Energy, Power, Control, and Learning (EPCL)
FUNDING: Undefined **| DUE:** On-going **| COST SHARE:** No
DESCRIPTION: The Energy, Power, Control, and Learning (EPCL) program invests in fundamental research to advance the capabilities, performance, security and resilience of engineered systems. EPCL supports research on systems and control, learning, optimization, and networked multi-agent systems. The program encourages collaboration among different fields to advance knowledge that will lead to new methods and technologies.

NSF Circuits and Systems for Communications and Sensing (CSCS)
FUNDING: Undefined **| DUE:** On-going **| COST SHARE:** No
DESCRIPTION: The Circuits and Systems for Communications and Sensing (CSCS) program supports the key role of electrical engineering in future communications, sensing, circuits, and signal processing. The program's main goal is to advance next-generation systems that integrate communication, sensing, and computation with physical domains, from the nano- to the macro-scale. The program addresses the need for spectrum sharing and resilient connectivity. It also advances national priorities such as quantum engineering, biotechnology and artificial intelligence (AI).

NASA-ROSES F.5 Future Investigators in Earth and Space Science and Technology (FINESST)
KEYWORDS: *NASA, graduate research, Earth science, astrophysics*
FUNDING: Up to ~$150K (est. and varied) | **DUE:** July 14 | **COST SHARE:** No
DESCRIPTION: Supports graduate student research across NASA science mission areas including Earth science, astrophysics, heliophysics, and planetary science.

NASA-ROSES A.11 Early Career Investigator Program in Earth Science
FUNDING: ~$100k | **DUE:** May 18 – NOI; June 17 - Proposal | **COST SHARE:** No
DESCRIPTION: The Early Career Investigator Program in Earth Science (ECIP-ES) is designed to support outstanding scientific research and career development of scientists and engineers at the early stage of their professional careers. Proposals must demonstrate the relevance of the research activities to support one or more of the ESD Programs.

NASA-ROSES A.12 Hemispheric Airborne Measurements of Air Quality (HAMAQ) Science Team
FUNDING: Undefined | **DUE:** May 20 – LOI; July 21 - Proposal | **COST SHARE:** No
DESCRIPTION: The Early Career Investigator Program in Earth Science (ECIP-ES) is designed to support outstanding scientific research and career development of scientists and engineers at the early stage of their professional careers. Proposals must demonstrate the relevance of the research activities to support one or more of the ESD Programs.

DOL and DoED Supporting Effective Educator Development (SEED)
FUNDING: $1M-$6M per project year | **DUE:** June 1 | **COST SHARE:** Yes, at least 25% of total cost for each year of the project activities
DESCRIPTION: The SEED program provides funding to increase the number of highly effective educators by supporting the implementation of evidence-based practices that prepare, develop, or enhance the skills of educators to improve student outcomes. These grants will allow eligible entities to develop, expand, and evaluate practices that can serve as models to be sustained and disseminated.

Google – Accelerating Scientific Breakthroughs with the Power of AI
KEYWORDS: *Artificial intelligence, health, climate, life sciences, innovation*
FUNDING: $500K–$3M | **DUE:** May 1 | **COST SHARE:** No
DESCRIPTION: Supports AI-driven research projects with potential to accelerate breakthroughs in health, climate, and life sciences.

National Academies of Sciences, Engineering & Medicine (NASEM) – Energy Track: Early-Career Research Fellowship
KEYWORDS: *Early-career research, offshore energy, environmental risk, Gulf Coast, community impact*
FUNDING: $75K + $1K mentor honorarium (2 years) | **DUE:** May 5 | **COST SHARE:** No
DESCRIPTION: Supports early-career investigators (within 10 years of terminal degree) conducting research to mitigate environmental risks from legacy offshore energy infrastructure in Gulf Coast communities. All proposed projects must focus on communities within the U.S. Gulf region, defined as Alabama, Florida, Louisiana, Mississippi, and Texas, consistent with the scope of the Gulf Research Program.

National Academies of Sciences, Engineering & Medicine (NASEM) – Environment Track: Early-Career Research Fellowship
KEYWORDS: *Ecosystem resilience, environmental monitoring, AI, genetics, early-career*
FUNDING: $75K + $1K mentor honorarium (2 years) | **DUE:** June 2 | **COST SHARE:** No
DESCRIPTION: Supports early-career researchers advancing ecosystem health and resilience using innovative approaches such as remote sensing, genetics, and AI. Fellows should develop or test innovative monitoring techniques and/or develop solutions that enhance a system's biodiversity or slow its loss. This work should translate into actionable management & policy strategies that sustain ecosystem services & strengthen community resilience. Special emphasis will be placed on applicants that utilize genetic/genomic/machine learning/or AI methodologies in their work.

National Academies of Sciences, Engineering & Medicine (NASEM) – Evidence to Action Grants
KEYWORDS: *Research translation, policy impact, implementation science, Gulf Research Program*
FUNDING: $50K–$200K | **DUE:** May 18 | **COST SHARE:** Not specified
DESCRIPTION: The Evidence to Action (E2A) funding opportunity seeks applications from past and current GRP project directors/project team members to demonstrate and facilitate the translation of GRP-funded research results, data, and/or other products or findings to influence decision making in policy; design and implement or modify community or institutional programs; or accelerate deployment of technologies.

National Academies of Sciences, Engineering & Medicine (NASEM)/NOAA – Resilience Education Grants
KEYWORDS: *Resilience, community engagement, climate adaptation, education*
FUNDING: $100K–$750K | **DUE:** June 10 | **COST SHARE:** Not specified
DESCRIPTION: Supports community-engaged education initiatives that build resilience knowledge and capacity in Gulf Coast communities.

Gilead Sciences – RESONATE RFP Program: Research to Advance HIV Treatment Outcomes
KEYWORDS: *HIV, clinical research, therapeutics, patient outcomes*
FUNDING: Varies (~$4M total program) | **DUE:** May 4 (LOI); Full: May 29 (invited) | **COST SHARE:** No
DESCRIPTION: Supports investigator-initiated studies evaluating safety, efficacy, and patient-reported outcomes of emerging HIV treatment regimens.

American Orthopaedic Society for Sports Medicine – Playmaker Grant
KEYWORDS: *Sports medicine, orthopaedics, early-career research*
FUNDING: $25K | **DUE:** LOI: May 15 | **COST SHARE:** No
DESCRIPTION: Supports early-career investigators conducting innovative research in orthopaedic sports medicine; finalists present at annual meeting.

AAA Foundation for Traffic Safety – Requests for Proposals
KEYWORDS: *Traffic safety, policy evaluation, driver behavior, transportation research*
FUNDING: Varies | **DUE:** May 7 | **COST SHARE:** Not specified
DESCRIPTION: Supports research on delayed licensing, aggressive driving policies, and transportation safety technologies.

Arnold Ventures – Causal Research on Cell Phone Policies in K-12 Schools
KEYWORDS: *Education policy, causal research, K-12, student outcomes*
FUNDING: ~$500K | **DUE:** LOI: May 1 | Full: ~August (invited) | **COST SHARE:** Not specified
DESCRIPTION: Supports rigorous causal research evaluating the impact of school cell phone policies on academic, behavioral, and mental health outcomes.

ANTICIPATED & ADVANCED NOTICE

U.S. Department of Defense (DOD) – Kidney Cancer Research Program (KCRP) Awards
KEYWORDS: Kidney cancer, oncology, translational research, early-career
FUNDING: Up to ~$1.2M | **DUE:** October (anticipated) | **COST SHARE:** Not specified
DESCRIPTION: Includes Early-Career Scholar and Idea Development Award mechanisms supporting innovative and translational kidney cancer research.

Frontiers Planet Prize (via NASEM U.S. Nomination)
KEYWORDS: Sustainability, global impact, environmental research
FUNDING: ~$1M prize | **DUE:** Sept 15 (registration) | Oct 30 (nomination) | **COST SHARE:** N/A
DESCRIPTION: Recognizes breakthrough research advancing planetary sustainability. Institutions nominate up to three papers; internal coordination required.

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.
