

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](mailto:OORlimited@purdue.edu).

### **Beckman Young Investigators**

**FUNDING:** \$600k over 4 years | **INTERNAL DEADLINE:** July 6 | **SPONSOR DEADLINE:** July 31 – LOI; Full application by invite | **COST SHARE:** no | **LIMITED SUBMISSION:** No, but internal coordination is required via the Faculty Recognition Program to get President's approval.

**DESCRIPTION:** The Arnold and Mabel Beckman Foundation provides grants of approximately \$600,000 over four years to early-career, tenure-track faculty in the chemical and life sciences. The program supports projects that depart "from current research directions" rather than extend or expand existing work. The program seeks applicants who are innovative, willing to take risks, and positioned to contribute significantly to advances in chemistry and the life sciences. Proposals that cross disciplinary boundaries and enable the development of new methods, instruments, or materials are of particular interest. Eligible applicants must be U.S. citizens or permanent residents and must have started their first tenure-track position after January 1, 2022, and on or before July 31, 2026. Furthermore, applicants can have no more than \$225,000 in direct, annualized external funding grants during any BYI Program Year (Aug-July) at time of application. Start-up funds, department-wide instrumentation grants, and "transition" grants (such as NIH K99/R00) are not counted toward this total. The Foundation does not fund clinical research, clinical trials, or single-target drug discovery. Faculty with strictly clinical appointments are not eligible. Each individual may apply to the program a maximum of two times. **Contact Faculty Recognition Program for Letter of Intent submission details ([facultyawards@purdue.edu](mailto:facultyawards@purdue.edu)).**

### **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](mailto: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 Transport Phenomena (TP)**

**FUNDING:** Undefined | **DUE:** On-going | **COST SHARE:** No

**DESCRIPTION:** The Transport Phenomena (TP) program supports fundamental research to understand, model, and control the transport of mass, momentum, energy, and species across multiple scales. Innovative TP research supports advances in artificial intelligence; manufacturing; biotechnology; microelectronics; energy generation, extraction, and utilization; nuclear energy; quantum science and engineering; and other national priorities.

#### **NSF Engineering Biological and Biomedical Systems (EBBS)**

**FUNDING:** Undefined | **DUE:** On-going | **COST SHARE:** No

**DESCRIPTION:** The EBBS program expands our understanding of biological and physiological systems, and it helps improve human health. In EBBS, fundamental mechanistic insights are combined with experimental and computational techniques. This approach helps develop platforms, devices, organisms, tissues, and processes that bring new understanding and control of biological functions.

#### **NSF Chemical Process Systems (CPS)**

**FUNDING:** Undefined | **DUE:** On-going | **COST SHARE:** No

**DESCRIPTION:** Research supported by the CPS program covers the full breadth of chemical and biochemical process innovation. It spans reaction engineering and molecular thermodynamics; reactor design; catalysis; electrochemical systems; separations; and process design. The program encourages proposals that connect the molecular scale to process and plant scales.

#### **NSF Engineering Environmental Resiliency (EER)**

**FUNDING:** Undefined | **DUE:** On-going | **COST SHARE:** No

**DESCRIPTION:** EER supports research that transforms biotechnology and manufacturing to create domestic sources of energy; engineered chemical, biological, and/or geo-physical processes may be involved. The program supports studies on the sustainability of benign manufacturing; the development of innovative technologies that minimize or re-use waste discharges to soil, water, and air by closing resource loops; research on sustainable recycling and management of waste materials and critical minerals; and studies on life cycle assessment, materials flow analysis, and AI modeling to advance the circular economy.

#### **DOE ARPA-E High-Performance Optimized Recycled Nuclear Isotopes for Gen IV Reactors (HORNIG)**

**FUNDING:** \$500k-\$7M | **DUE:** May 18 – Concept paper; TBD – Full application | **COST SHARE:** Yes, at least 5% for IHEs as standalone; other rates vary by partnership type

**DESCRIPTION:** This funding opportunity supports the development of transuranic (TRU) fuels from a largely untapped domestic fissile resource found across U.S. inventories. TRU fuels could expand the nation's nuclear fuel supply while reducing the volume of radioactive waste. High-performance Optimized Recycled Nuclear Isotopes for Gen IV reactors (HORNIG) will fund coordinated research and development efforts spanning fuel design, fabrication, testing, modeling, and qualification, along with analysis of cost, impact, and deployment pathways.

### [DOE ARPA-E Inspiring Generations of New Innovators to Impact Technologies in Energy 2026 \(IGNIITE 2026\)](#)

**FUNDING:** \$500k | **DUE:** May 19 – Concept paper; TBD – Application by invite | **COST SHARE:** No

**DESCRIPTION:** The objective of the Inspiring Generations of New Innovators to Impact Technologies in Energy (IGNIITE) 2026 program is to support early-career innovators seeking to convert disruptive and unconventional ideas into impactful new technologies across the full spectrum of energy applications. The program aims to empower these early-career scientists and engineers in becoming independent researchers and unleashing their creativity to address the urgent energy[1]related challenges our society currently faces. In addition to funding research efforts, IGNIITE 2026 will include dedicated events, meetings, and mentorship activities.

### [USDA-NIFA Open Data Framework](#)

**FUNDING:** ~\$923k | **DUE:** June 26 | **COST SHARE:** No

**DESCRIPTION:** This program invests in data frameworks to create a neutral and secure data repository and cooperative where producers, universities and not-for-profit entities can store and share data to foster agricultural innovation and to support technological progress and production efficiencies. The program must have clear and complete plans to ensure widespread participation, including all Land-grant University types, growers, and representatives of all relevant data producers and consumer organizations, as appropriate. The program should outline the costs and benefits for all sectors, and with special attention overcoming barriers, and adding value for farmers and ranchers to increase profitability and marketability.

### [USDA-NIFA Alfalfa Seed and Alfalfa Forage System Program](#)

**FUNDING:** \$300k/year for 3 years | **DUE:** June 12 | **COST SHARE:** Yes, 1:1 match required but can be waived under certain conditions

**DESCRIPTION:** NIFA requests applications for the ASAFS. Areas of potential research include increasing yield and quality; improving harvest and storage systems; developing methods to estimate forage yield and quality to support marketing and reduce producer risks; exploring new and novel uses for alfalfa; and improving production and quality of alfalfa seed. This is an integrated research and extension program.

### [USDA-NIFA Methyl Bromide Transition Program](#)

**FUNDING:** up to \$500k | **DUE:** June 29 | **COST SHARE:** Yes, 1:1 match required but can be waived under certain conditions

**DESCRIPTION:** NIFA requests applications for the MBT program for FY 2026 to support the discovery and implementation of practical pest management alternatives for commodities and uses affected by the methyl bromide phase-out.

### [USDA-NIFA Assistive Technology Program for Farmers with Disabilities \(AgrAbility\)](#)

**FUNDING:** Up to \$2.12M over 4 years for NAP; Up to \$600k-\$800k over 4 years for SRAPs | **DUE:** June 23 | **COST SHARE:** No

**DESCRIPTION:** The AgrAbility program works to increase the likelihood that individuals with disabilities, including veterans, and their families engaged in the agricultural enterprise (AgrAbility customers) will become more successful. NIFA is soliciting applications under the following AgrAbility program areas: 1. National AgrAbility Project (NAP) 2. State and Regional AgrAbility Projects (SRAPs). SRAPs may only be submitted by Cooperative Extension Service representatives. NAPs may only be submitted by a national private nonprofit disability organization.

### [USDA-NIFA Rural Health and Safety Education Competitive Grants Program](#)

**FUNDING:** \$350k over 3 years | **DUE:** June 23 | **COST SHARE:** No

**DESCRIPTION:** The RHSE program supports quality of life in rural communities across the United States by addressing the relationship between rural prosperity and rural health and safety in the context of food, agriculture, natural resources, and human sciences. In FY 2026, NIFA is only soliciting applications for RHSE in the area of Individual and Family Health Education.

### **2026 Michelson Prizes: Next Generation Grants**

**FUNDING:** \$150k | **DUE:** June 22 | **COST SHARE:** No

**DESCRIPTION:** The Michelson Medical Research Foundation seeks to unravel the complexity of the human immune system, accelerating the development of vaccines and therapies for some of the world's most threatening diseases. The Michelson Prizes is looking for research proposals on human immunology and vaccine research. The committee will look for research that aims to tackle the current roadblocks to human vaccine development and expand our limited understanding of key immune processes that are fundamental to successful vaccine and immunotherapy development. While the Michelson Prizes are focused on research in the fields of immunology, vaccine, and immunotherapy discovery, applicants from the full spectrum of related disciplines, including clinical research, biochemistry, molecular biology, protein engineering, computer science, artificial intelligence/machine learning, biophysics, nanotechnology, etc., are encouraged to apply.

### **Breakthrough Prize in Mathematics**

**FUNDING:** \$3M | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Breakthrough Prize in Mathematics recognizes a single person's contribution to the field of mathematics, with special attention to recent developments (in the last 10 years, although earlier contributions may also be considered). In exceptional circumstances, when a prize is awarded for joint work, the committee may split the prize. Candidate citations (up to 10) from a specified academic publishing database are required. There are no age restrictions. Anyone can nominate a candidate online during the open nominations period. Self-nominations are not allowed.

### **Breakthrough Prize New Horizons**

**FUNDING:** \$100k | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The New Horizons in Mathematics Prize is awarded to early-career researchers who have already produced important work. Candidates for the New Horizons Prize should have not held a PhD for more than 10 years at the start of the calendar year in which nominations close. This requirement may be relaxed in exceptional circumstances. Candidate citations (up to 10) from a specified academic publishing database are required. The prize can be split among two or more winners. There are no age restrictions. Anyone can nominate a candidate online during the open nominations period. Self-nominations are not allowed.

### **Breakthrough Prize Maryam Mirzakhani New Frontiers Prize**

**FUNDING:** \$50k | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Maryam Mirzakhani New Frontiers Prize is designated for women mathematicians who have completed their PhDs within the previous two years. The candidate's PhD thesis must be submitted as a part of the nomination. The prize can be split among two or more winners. There are no age restrictions. Anyone can nominate a candidate online during the open nominations period. Self-nominations are not allowed.

### **Breakthrough Prize in Life Sciences**

**FUNDING:** \$3M | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Breakthrough Prize in Life Sciences recognizes major contributions to the field of life sciences, with special attention to recent developments. There are no age restrictions. The Selection Committee may award a prize to more than one person, including to collaborations, jointly and divide the monetary award among them. One prize per year is designated for work contributing to the understanding of Parkinson's Disease and Neurodegenerative Disorders.

### **Breakthrough Prize in Fundamental Physics**

**FUNDING:** \$3M | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Breakthrough Prize recognizes major achievements, with special attention to recent developments. There are no age restrictions. A person can receive a prize more than once. The prizes can be shared by any number of people.

### [Breakthrough Prize Special Breakthrough Prize in Fundamental Physics](#)

**FUNDING:** \$3M | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Breakthrough Prize recognizes major achievements, with special attention to recent developments. There are no age restrictions. A person can receive a prize more than once. The prizes can be shared by any number of people. In exceptional cases a special Breakthrough Prize in Fundamental Physics can be awarded at any time, forgoing the nomination process.

### [Breakthrough Prize New Horizons in Physics Prize](#)

**FUNDING:** \$100k | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The New Horizons in Physics Prize is targeted toward early-career researchers. There are no age restrictions. Recipients of the New Horizons Prize will generally be no more than 12 years past their PhD. Exceptions will sometimes be made, especially in cases of experimental projects with long lead times. A person can receive a prize more than once. The prizes can be shared by any number of people.

### [Breakthrough Prize Vera Rubin New Frontiers Prize](#)

**FUNDING:** \$50k | **DUE:** July 17 | **COST SHARE:** No

**DESCRIPTION:** The Vera Rubin New Frontiers Prize is designated for women physicists who have completed their PhDs within the previous two years. The candidate's PhD thesis must be submitted as a part of the nomination. The prize can be split among two or more winners. There are no age restrictions. Up to three prizes per year will be awarded.

### [Russell Sage Foundation Core Research Grants: Future of Work](#)

**FUNDING:** \$200k | **DUE:** July 15 | **COST SHARE:** No

**DESCRIPTION:** RSF supports high-quality innovative research under four core research priorities: Behavioral Science and Decision Making in Context; Future of Work; Race, Ethnicity, and Immigration; and Social, Political, and Economic Inequality. RSF encourages methodological variety and inter-disciplinary collaboration, but all LOIs and proposals must have well-developed conceptual frameworks and research designs. Analytical models must be well-specified and research questions and hypotheses (where applicable) must be clearly stated. All applicants (both PIs and Co-PIs) must have a doctorate.

## **Anticipated & Advanced Notice**

### [NIH Establishing a Research Network to Guide Foundational Research on Human Consciousness](#)

**FUNDING:** \$600k | **DUE:** Est February 8 | **COST SHARE:** No

**DESCRIPTION:** This Funding Opportunity will establish the NIH Blueprint for Neuroscience Research Network to Guide Foundational Research on Human Consciousness, leveraging a trans-NIH collaboration of 14 Institutes, Centers, and Offices dedicated to reducing the burden of nervous system disorders.

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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](mailto:sgrimes@purdue.edu)) or Kristi Reynolds ([reyno240@purdue.edu](mailto:reyno240@purdue.edu)) with any questions.

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