

Please see below for a partial list of funding opportunities of interest to faculty and full-time research staff. **The list is not intended for students.**

PLEASE NOTE: Pivot E-mail Alerts, set up individually by faculty members, are Purdue's primary resource for timely funding information in all disciplines. More information about Pivot and other e-mail alert services and search tools may be found [here](#).

****** To receive this newsletter directly to your inbox, please sign up for the listserv by emailing listserv@lists.purdue.edu. Leave the subject blank and in the message body type: subscribe Weeklyfundingopps [your_first_name] [your_last_name]. Only *purdue.edu* e-mail addresses will be accepted. **** Previous newsletters can be accessed at:** <https://www.purdue.edu/research/oevrp/funding-and-grant-writing/funding/emails.php>.

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) with any questions.

1. **Limited Submissions:**

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 EVPRPlimited@purdue.edu.

Limited Submission: [Camille Dreyfus Teacher-Scholar Awards](#) The Camille Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented early career faculty in the chemical sciences. The Award, which requires an institutional nomination, is based on an independent body of scholarship attained in the early years of their appointment, and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching. The Camille Dreyfus Teacher-Scholar Award provides an unrestricted research grant of \$100,000. Eligible faculty should hold a bachelor's or higher degree in the chemical sciences (chemistry, biochemistry, materials chemistry, or chemical engineering), have a full-time tenure-track appointment focused on the chemical sciences, and be within the first six years of their independent academic careers. The Foundation seeks Camille Dreyfus Teacher-Scholars who, as independent faculty members, demonstrate leadership in original scholarly research of outstanding quality, as well as innovation in and dedication to education. Recommendations for awards are based upon compelling evidence that the nominee's independent scholarly research has led to important advances in the chemical sciences, and will continue to do so. Only **one** submission is allowed per institution.

Internal deadline: Preproposal due in InfoReady by June 24 ([template](#))

Sponsor deadline: January 30

Limited Submission: [W. M. Keck Foundation Research Program](#) The W. M. Keck Foundation's Medical Research Program and Science & Engineering Program seek to support high-risk/high-impact projects in fields of biological science, physical science, and engineering. Eligible projects should meet all the following criteria:

- Focus on important and emerging areas of research
- Have potential to develop breakthrough technologies, instrumentation or methodologies
- Are innovative, distinctive and interdisciplinary
- Demonstrate a high level of risk due to unconventional approaches, or by challenging the prevailing paradigm
- Have the potential for transformative impact, such as the founding of a new field of research, the enabling of observations not previously possible, or the altered perception of a previously intractable problem

- Does not focus on clinical or translational research, treatment trials, or research for the sole purpose of drug development
- Medical projects should be platform-based – not disease specific
- Falls outside the programmatic priorities of public funding agencies (correspondence reflective of such is required for internal review and by Keck)
- Demonstrates that Keck is essential to the project's success

Keck does *not* fund: therapy and/or clinically-oriented projects, drug development, diagnostic test development, immunological studies, projects with a specific disease focus (such as cancer, HIV, diabetes, etc.), or translational research. For this opportunity, Purdue is allowed to submit one nomination to the Medical Research Program and one nomination to the Science and Engineering Program.

Internal deadline: Preproposal due in InfoReady by May 20 ([template](#))

Sponsor deadline: November 1

Limited Submission: [NIH Hazardous Materials Worker Health and Safety Training \(U45\)](#) NIEHS invites applications for cooperative agreements to support the development and delivery of model programs for the training and education of workers engaged in activities related to hazardous materials and waste generation, removal, containment, transportation, and emergency response. This funding opportunity announcement aims to use safety and health training to prevent and reduce work-related harm. The training programs will provide skills and knowledge to workers on how best to identify and protect themselves and their communities from exposure to hazardous materials encountered during hazardous waste operations, hazardous materials transportation, environmental restoration of contaminated facilities, and emergency response. Only **one** application per institution is allowed.

Internal deadline: Preproposal due in InfoReady by May 20 ([template](#))

Sponsor deadline: July 8

Limited Submission: [DOC-NIST Public Wireless Supply Chain Innovation Fund Grant Program - Open Radio Commercialization and Innovation](#) The Innovation Fund is an NTIA-administered competitive grant program that seeks to accelerate the development, deployment, and adoption of open and interoperable radio access networks (RAN). In this second NOFO, NTIA aims to advance open radio unit (RU) commercialization and innovation by funding activities that 1) accelerate the development of open RU products to the point where they meet carrier needs and are ready for commercial trials, and 2) improve the overall performance and capabilities of open RUs through targeted research and development. There is a 10% minimum cost share requirement for SRFA 1 (Open RU Commercialization; \$25-\$45M). SRFA 2 (Open RU Innovation; \$5-\$10M) does not require cost sharing. Only **one** application is allowed under SRFA 1.

Internal deadline: Preproposal due in InfoReady by May 20 ([template](#))

Sponsor deadline: July 10

Limited Submission: [USDA Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers \(2501 Program\)](#) The overall goal of the 2501 Program is to encourage and assist underserved farmers and ranchers, military veteran farmers and ranchers, and beginning farmers and ranchers with owning and operating farms and ranches and in participating equitably in the full range of agricultural, forestry, and related programs offered by USDA. It also includes projects that develop underserved youths' interest in agriculture. In partnership with the OPPE, eligible entities may compete for funding on projects that provide education and training in agriculture, agribusiness, forestry, agricultural-related services, and USDA programs, and to conduct outreach initiatives designed to accomplish those goals. This partnership includes working closely with OPPE, attend OPPE-led events in your proposed service territory, and collaborate with USDA Service Centers located in your state (Farm Service Agency, Natural Resources Conservation Service, and Rural Development). OPPE will host two webinars: [May 22 at 2PM EDT](#) and [June 26 at 2PM EDT](#). Only **one** project proposal may be submitted per eligible entity.

Internal deadline: Preproposal due in InfoReady by May 20 ([template](#))

Sponsor deadline: July 5

Limited Submission: [NEA Grants for Arts Projects 2, FY2025](#) Through project-based funding, the program supports opportunities for public engagement with the arts and arts education, for the integration of the arts with strategies promoting the health and well-being of people and communities, and for the improvement of overall capacity and capabilities within the arts sector. Arts projects are funded in the following disciplines: Artist Communities, Arts Education, Dance, Design, Folk & Traditional Arts, Literary Arts, Local Arts Agencies, Media Arts, Museums, Music, Musical Theater, Opera, Presenting & Multidisciplinary Works, Theater, and Visual Arts. An organization may submit only **one** application under these FY2025 Grants for Arts Projects guidelines. If an organization applies to the Challenge America category, it may not also apply to the Grants for Arts Projects category.

Internal deadline: Preproposal due in InfoReady by May 20 ([template](#))

Sponsor deadline: July 23

Internal Coordination Required: [DOC-NIST FY2024 CHIPS for America](#) The purpose of the CHIPS Research and Development (R&D) programs is to advance the development of semiconductor technologies and to enhance the competitiveness of the U.S. semiconductor industry. The CHIPS R&D programs address five cross-cutting issues that were identified through interactions with stakeholders and include: Access to facilities and equipment for late-stage R&D and prototyping; Advanced packaging and testing; Advanced metrology and characterization; Advanced manufacturing technology; and Workforce development. NIST will release a series of NOFOs under this program and it is anticipated that most, if not all, will be limited submission, including those where Purdue is a sub-awardee. **Based on the complexity of this program, all submissions involving Purdue as a participant will be coordinated through OOR at all stages (white paper and full submissions) including those participating as a sub-awardee.**

Internal deadline: Contact OORLimited@purdue.edu if interested in participating in any of these NIST opportunities

Sponsor deadline: On-going

2. Selected Funding Opportunities:

[NSF Research Training Groups in the Mathematical Sciences \(RTG\)](#) The long-range goal of the Research Training Groups in the Mathematical Sciences (RTG) program is to strengthen the nation's scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences, be they in academia, government, or industry. The RTG program supports efforts to improve graduate student research training and professional development through structured groups pursuing collaborative research. In addition to graduate student trainees working with faculty members, RTG supported research teams may, but are not required to, include undergraduate or postdoctoral trainees. Deadline: August 13

[NSF Mathematical Foundations of Artificial Intelligence \(MFAI\)](#) The National Science Foundation Directorates for MPS, CISE, ENG, and SBE will jointly sponsor research collaborations consisting of mathematicians, statisticians, computer scientists, engineers, and social and behavioral scientists focused on the mathematical and theoretical foundations of AI. Research activities should focus on the most challenging mathematical and theoretical questions aimed at understanding the capabilities, limitations, and emerging properties of AI methods as well as the development of novel, and mathematically grounded, design and analysis principles for the current and next generation of AI approaches. The overall goal is to establish innovative and principled design and analysis approaches for AI technology using creative yet theoretically grounded mathematical and statistical frameworks, yielding explainable and interpretable models that can enable sustainable, socially responsible, and trustworthy AI. Deadline: October 10

[NSF Dear Colleague Letter: Leveraging Cyberinfrastructure for Research Data Management \(RDM\)](#) With this Dear Colleague Letter (DCL), the U.S. National Science Foundation (NSF), led by the Directorate for Computer and Information Science and Engineering (CISE) Office of Advanced Cyberinfrastructure (OAC), invites Early-Concept Grants for Exploratory Research (EAGER) and conference/workshop proposals that aim to leverage cyberinfrastructure to advance research data management (RDM) and public access to research data in alignment with the goals of OAC's Cyberinfrastructure for Public Access and Open Science (CI PAOS) program. Deadline: July 3

[NSF Dear Colleague Letter: Graduate Research Internships at National Institute of Biomedical Imaging and Bioengineering \(NSF-NIBIB/BETA INTERN\) Supplemental Funding Opportunity](#) NSF will consider supplemental funding requests that enable a Principal Investigator (PI) or co-PI to request up to six months of additional support for a graduate student supported on an active NSF award with the following goals: To provide graduate students with the opportunity to augment their research assistantships or NSF Graduate Research Fellowship Program (GRFP) fellowships with non-academic research internship activities and training opportunities that will complement their academic research training; To allow graduate students to engage in professional development experiences that will enhance their preparation for multiple career pathways after graduation; and To encourage the participation of the full spectrum of diverse talent in science, technology, engineering, and mathematics (STEM). Deadline: On-going

[NSF Dear Colleague Letter: Posttranscriptional and Posttranslational Modification \(PPM\)](#) With this DCL, NSF invites proposals that address understanding how multiple modifications of single or multiple, functionally-related RNAs and/or proteins influence the properties, interactions, and/or regulation of these macromolecules, and ultimately their role in cellular and organismal phenotype. Examples of areas of interest include, but are not limited to: Signals, processes, and rules governing the identity, position, number, and structure/function consequences of modifications on RNA and proteins; Whether integrated, systems-level effects of multiple modifications on RNA and proteins are additive, cooperative or competitive, and why and how this impacts phenotype, in any given case; Roles of multiple PRM and/or PTM on cell and/or organismal sensing, fate and function in a dynamic environment; Design and engineering of synthetic biology systems to study multiple RNA and protein modifications; programmable systems that leverage RNA and protein modifications to control cell or organismal fate and function. Deadline: Varies

[NSF Dear Colleague Letter: Non-Academic Research Internships for Graduate Students in Hydrogen and Fuel Cell Technologies \(Hydrogen INTERN\) Supplemental Funding Opportunity](#) NSF will consider supplemental funding requests in the broad area of hydrogen and fuel cell technologies that enable PIs (or Co-PIs) to request supplemental support of up to \$55,000 and six months for graduate students supported on active NSF grants with the following goals: To provide graduate students with the opportunity to augment their research assistantships or NSF Graduate Research Fellowship Program (GRFP) fellowships with research internship activities and training opportunities that will complement their academic research training; To allow graduate students to pursue new activities aimed at acquiring professional development experience that will enhance their preparation for multiple career pathways after graduation; and To encourage the participation of the full spectrum of diverse talent in science, technology, engineering, and mathematics (STEM). Deadline: On-going

[NSF Dear Colleague Letter: NSF-NIH Pathfinder Supplements on Quantum Sensors for Biomedical Science](#) This Dear Colleague Letter (DCL) announces an opportunity for researchers currently supported by NSF to request supplemental funding to extend their research on quantum sensing in a direction that may be of joint interest to NSF and NIH. Following consultation with a cognizant NSF program officer, supplemental funding may be requested to support postdoctoral fellows or graduate research associates to perform research that integrates developers of new quantum technologies with potential end-users for the anticipated sensors and devices. Deadline: June 3

HHS-FDA Minor Use Minor Species Development of Drugs (R01) This NOFO solicits Research Project (R01) grant applications from institutions or organizations that propose to develop or support the development of designated new animal drugs intended for minor uses in major species or for use in minor species (MUMS). Deadline: July 26

NIH Exploratory/Developmental Research for World Trade Center Health Program Evidence-based Strategies to Improve Treatment Effectiveness, Diagnostic Practices, and Program Evaluation (R21) The World Trade Center (WTC) Health Program intends to increase opportunities for research on innovative approaches, interventions, techniques, or methods to improve treatment and diagnostic effectiveness through intervention, and support program evaluation. The WTC Health Program seeks to achieve a suitable mix of scientifically robust research projects which assess the feasibility of enhancing interventions and program evaluations to improve diagnosis, treatment, care, and well-being of 9/11-exposed populations. Research areas of interest include clinical, screening, diagnostic, epidemiological, treatment, prevention, translation, and program evaluation. WTC responders, screening-eligible WTC survivors, and certified-eligible WTC survivors comprise the populations of interest. Deadline: October 29

NIH Notice of Special Interest (NOSI): Exploring the Effects of Endocannabinoids and Exogenous Cannabinoids on Brain Development The purpose of this Notice of Special Interest (NOSI) is to encourage investigators to submit grant applications to the National Institute on Drug Abuse (NIDA) to investigate the roles of endocannabinoids and the effects of cannabinoid exposure in the developing brain, from fetal development through young adulthood in humans and animal models. Deadline: Varies

DOD-CDMRP Pancreatic Cancer Research Program (PCARP) The goal of the PCARP is to reduce the burden of pancreatic cancer among Service Members, Veterans, their Families, and the American public. The mission of the PCARP is to promote rigorous, innovative, high-impact research that leads to earlier pancreatic cancer diagnosis, new therapeutic tools, and improved outcomes. Mechanisms include: Idea Development Award; Translational Research Partnership Award; and Focused Pilot Award. Deadlines: Vary by mechanism

DOD-CDMRP Prostate Cancer Research Program (PCRP) The PCRP seeks to promote highly innovative, groundbreaking research; high-impact research with near-term clinical relevance; the next generation of prostate cancer investigators through mentored research; and resources that will facilitate translational research. Mechanisms include: Data Science Award; Early Investigator Research Award; Exploration-Hypothesis Development Award; Idea Development Award; and Physician Research Award. Deadlines: Vary by mechanism

DOE-SC Quantum Information Science Enabled Discovery (QuantISED 2.0) The DOE SC program in High Energy Physics (HEP) hereby announces its interest in receiving interdisciplinary applications for open scientific research on Quantum Information Science (QIS) Enabled Discovery (QuantISED) to further the HEP mission to understand how the universe works at its most fundamental level. Successful applications will help define an exploratory program where innovative solutions for scientific discovery are developed and deployed to advance HEP science drivers and contribute to QIS research and technology for public benefit. Deadlines: June 18 – LOI; July 30 - Application

DoED-IES Using Longitudinal Data to Support State Education Policymaking Under this competition, NCER will only consider applications that address State agencies' use of their State's education longitudinal data systems to identify and reduce opportunity and achievement gaps for learners from prekindergarten through adult education. Eligible State agencies may apply alone, or in conjunction with research organizations such as universities and research firms, and/or with other appropriate organizations. Deadline: August 15

DoED-IES Transformative Research in the Education Sciences Grant Program Through this program, IES seeks to support innovative research that has the potential to make dramatic advances towards solving seemingly intractable problems and challenges in the education field and/or to accelerate the pace of conducting education research to facilitate major breakthroughs. For the FY 2025 competition, the Transformative Research in the Education Sciences grant program will focus on accelerating learning and reducing persistent education

inequities by leveraging evidence-based principles from the learning sciences, coupled with advanced technology to create high-reward, scalable technology solutions. Deadline: September 12

[Fulbright-FAPESP Network, São Paulo](#) The Fulbright Distinguished Scholar Awards, Fulbright-FAPESP Network are pre-arranged affiliations to host exceptional scholars who conduct research relevant to any of the six public universities in the state of São Paulo. These universities are interested in hosting Distinguished Scholars and encouraging them to engage with students, faculty, and the broader community. Scholars can conduct their own research, work collaboratively with Brazilian colleagues, guest-lecture, mentor students, network, and promote their research while representing the United States, the Fulbright Program, and their home and host universities in the following areas of interest: Bioenergy, Biodiversity, or Sustainable Food Production. Candidates must be U.S. citizens, hold a PhD or other terminal degree, and should not have been a previous Fulbright Scholar within two years of award. **Please contact [Chris Lukasik](#) for more information.** Deadline: September 16

[Fulbright-Brasil Health and Technology at UNISINOS, Porto Alegre](#) Universidade do Vale do Rio dos Sinos (UNISINOS) is looking for a scholar to interact with a multidisciplinary group of researchers dealing with the technologies listed below: Smart materials applied to medical devices and biomedical applications; Electrochemical biosensors; Wearable, electronic, and flexible sensors; Application of nanomaterials in healthcare technologies; and Internet of Things (IoT) and artificial intelligence applied to healthcare technologies. Candidates must hold a PhD or other terminal degree, be a U.S. citizen, and have a letter of invitation from a Brazilian institution. **Please contact [Chris Lukasik](#) for more information.** Deadline: September 16

[NEH Graduate Education in the Humanities: A National Convening](#) The NEH Office of Challenge Programs is accepting applications for Graduate Education in the Humanities: A National Convening, a cooperative agreement to plan and host a national convening to evaluate the current state of graduate education in the humanities, to make recommendations for programs to prepare graduate students for a variety of humanities-related careers, and to develop a roadmap that articulates a strategic vision for graduate education in the humanities. The project will be funded through a combination of federal matching funds and related fundraising from non-federal third parties. Deadline: August 6

3. Anticipated Funding Opportunities

[NEH Fellowships for Advanced Social Science Research on Japan](#)

4. Other:

[DOE-NETL Request for Information: Manufacturability Pre-Production Design Implications of Energy Storage Technologies](#) Responses requested by June 10

[DOE Request for Information: Progression of Net-Zero Emission Propulsion Technologies for the Off-Road Sector](#) Responses requested by June 7

NSF Virtual Office Hour: RFI Inform Future Directions for Developing the Geoscience Workforce This session is a request for information on future directions for developing the geoscience workforce, specifically updating the GEOPATHs Program. The event will be held on May 15, 2PM EST. Link to Zoom meeting:
<https://nsf.zoomgov.com/j/1601716007?pwd=NGhZQ2lvTWVWRnc0cm5KUXFVWXg1QT09>

SAVE THE DATE: DOC-NIST CHIPS Manufacturing USA Institute Proposers Day May 16, 2024 in Rockville, Maryland (virtual participation is also available). The Proposer's Day is intended to familiarize potential applicants with the objectives and structure of the CHIPS Manufacturing USA program. It will bring potential applicants together in a collaborative atmosphere to network and support partnerships among the community. This will be a hybrid event, composed of a morning plenary session and afternoon breakout sessions. In-person

attendance is highly encouraged. Save the date and sign up for the CHIPS for America newsletter at chips.gov to receive updates when registration opens and additional details are confirmed.