

** 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/oevprp/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 OORlimited@purdue.edu.

Limited Submission: [National Science Foundation \(NSF\) Research Traineeship Program \(NRT\)](#) The NRT program seeks proposals that explore ways for graduate students in research-based master's and doctoral degree programs to develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The program is dedicated to effective training of STEM graduate students in high priority interdisciplinary or convergent research areas, through a comprehensive traineeship model that is innovative, evidence-based, and aligned with changing workforce and research needs. Proposals are requested that address any interdisciplinary or convergent research theme of national priority. NRT especially welcomes proposals that include partnership with NSF Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES) and leverage INCLUDES project efforts to develop STEM talent from all sectors and groups in our society. Collaborations between NRT proposals and existing NSF INCLUDES projects should strengthen both NRT and INCLUDES projects. Only **two** proposals are allowed per institution regardless of if they are lead or collaborator (*R1 institutions are not eligible for Track 2).

Internal deadline: Preproposal due in InfoReady by June 10 ([template](#))

Sponsor deadline: September 6

Limited Submission: [NSF Partnerships for Innovation \(PFI\)-Research Partnerships \(RP\)](#) The Partnerships for Innovation (PFI) Program offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit. This solicitation offers two broad tracks: Technology Translation (PFI-TT) and Research Partnerships (PFI-RP). The PFI-TT track offers the opportunity to translate prior NSF-funded research results in any field of science or engineering into technological innovations with promising commercial potential and societal impact. The PFI-RP track seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organizational, interdisciplinary, synergistic collaboration. There is no limit on the number of proposals submitted to the TT Track; however, the RP Track is limited to only **one** proposal.

Internal deadline: Preproposal due in InfoReady by June 10 ([template](#))

Sponsor deadline: September 3

Limited Submission: [DOE General Scientific Infrastructure Support for Consolidated Innovative Nuclear Research](#) The specific goals of this Infrastructure FOA are: To support, maintain, or enhance the institution's capacities to attract and teach high quality students interested in nuclear energy-related studies; Build the institution's research or education capabilities; and Enhance the institution's capabilities to perform R&D that is

relevant to NE's mission. This FOA consists of two funding opportunity areas: University Research Reactor Upgrades (RU) Infrastructure Support and General Scientific Infrastructure (GSI). *RU will be handled by Purdue's Nuclear Engineering Dept and only the GSI is part of this limited submission competition.* Under the GSI, applications can be submitted for equipment, software, instrumentation, and associated non-reactor upgrade requests that support nuclear energy-related R&D or education. Funding requests may include, but are not limited to, equipment and instrumentation for specialized facilities, classrooms, and teaching laboratories, and non-reactor NS&E research. Infrastructure requests that support the sharing and use of equipment and instrumentation by multiple campuses of a university, multiple universities, or with national laboratories are encouraged. Only **one** submission is allowed per institution for the GSI.

Internal deadline: Preproposal due in InfoReady by June 3 ([template](#))

Sponsor deadline: July 17

Limited Submission: [NIH HAZMAT Training at DOE Nuclear Weapons Complex \(UH4\)](#) The aim of this funding opportunity is to prevent work-related harm through safety and health training. The training programs consist of information and practical exercises with the objective of raising the knowledge of workers in protecting themselves and the community from being exposed to hazardous materials encountered during hazardous waste operations; facility decommissioning and decontamination; hazardous materials transportation; environmental restoration of contaminated facilities; or chemical emergency response. Currently, tens of thousands of DOE employees are required to complete safety and health training. The goal of this training is to help reduce the risk of workers being exposed during work activities to hazardous materials and hazardous waste products. Only **one** application per institution is allowed.

Internal deadline: Preproposal due in InfoReady by June 3 ([template](#))

Sponsor deadline: July 22

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 Gen-4 Engineering Research Centers \(ERC\)](#) The ERC program brings technology-based industry and universities together in an effort to strengthen the competitive position of American industry in the global marketplace. These partnerships are expected to establish cross-disciplinary centers focused on advancing fundamental engineering knowledge and engineered systems technology while exposing students to the integrative aspects of engineered systems and industrial practice. The goal of the ERC program has traditionally been to integrate engineering research and education with technological innovation to transform and improve national prosperity, health, and security. Building upon this tradition, NSF is interested in supporting ERCs to develop and advance engineered systems, which if successful, will have a high Societal Impact. The ERC program supports [convergent research \(CR\)](#) that will lead to strong societal impact. Each ERC has interacting foundational

components that go beyond the research project, including engineering workforce development (EWD) at all participant stages, where all participants gain mutual benefit, and value creation within an innovation ecosystem (IE) that will outlast the lifetime of the ERC. These foundational elements are integrated throughout ERC activities and in alignment with the Center's vision and targeted societal impact. The overall impact of the ERC program is expected within the Engineering Community, the Scientific Enterprise, and Society. Deadlines: September 3 – LOI; September 30 – Preliminary proposal; May 9 – Full proposal

[NSF Biodiversity on a Changing Planet \(BoCP\)](#) The BoCP program is a cross-directorate and international program led by NSF that invites submission of interdisciplinary proposals addressing grand challenges in biodiversity science within the context of unprecedented environmental change, including climate change. Successful BoCP proposals will test novel hypotheses about functional biodiversity and its connections to shifting biodiversity on a changing planet, with respect to both how environmental change affects taxonomic and functional biodiversity, as well as how the resulting functional biodiversity across lineages feeds back on the environment. Proposals that seek to improve predictive capability about functional biodiversity across temporal and spatial scales by considering the linkages between past, present, and future biological, climatic, and geological processes are also encouraged. Deadline: September 5

[NSF Computer and Information Science and Engineering : Core Programs, Large Projects](#) The NSF CISE Directorate supports research and education projects that develop new knowledge in all aspects of computing, communications, and information science and engineering through core programs. The core programs for the participating CISE divisions include: Division of Computing and Communication Foundations (CCF); Division of Computer and Network Systems (CNS); and Division of Information and Intelligent Systems (IIS). Deadline: September 29

[NIH Access and Manipulation of Brain Cell Subtypes Implicated in Aging and AD/ADRD \(R61/R33\)](#) This NOFO invites applications proposing innovative strategies to target and manipulate brain cell subtypes that are altered in aging, Alzheimer's Disease (AD), and AD-Related Dementias (ADRDs). ADRDs include frontotemporal disorders (FTD), Lewy body dementia (LBD), vascular contributions to cognitive impairment and dementia (VCID), and multiple etiology dementias (MED). Specifically, the goal of this NOFO is to encourage the development and utilization of sophisticated tools that pair breakthroughs in adeno-associated virus (AAV) capsid engineering with enhancer element identification to do the following: 1. Optimize precise targeting of disease-relevant cell subtypes in aged and degenerating mammalian brains; and 2. Monitor and/or manipulate these cells in vivo to address mechanistic hypotheses related to brain aging and AD/ADRD in animal models. Deadline: October 7

[DOE-NE Fiscal Year 2025 Consolidated Innovative Nuclear Research \(CINR\)](#) NE has identified the following goals to address challenges in the nuclear energy sector, help realize the potential of advanced technology, and leverage the unique role of the government in spurring innovation: Keep existing U.S. nuclear reactors operating; Deploy new nuclear reactors; Secure and sustain our nuclear fuel cycle; and Expand international nuclear energy cooperation. NE strives to promote integrated and collaborative research conducted by national laboratory, university, industry, and international partners under the direction of NE's programs, and to deploy innovative nuclear energy technologies to the market and to optimize the benefits of nuclear energy. All applications submitted under this CINR FOA must demonstrate a strong tie to at least one of the four mission priorities and highlight how it supports the DOE priorities. Areas include: R&D; R&D with NSUF Access (NSUF-1); IRP; Research Experiences for Undergraduate Supplement; NSUF Access Only (NSUF-2). Deadlines: June 5 – LOI for NSUF-1 and NSUF-2; June 26 – Pre-application R&D/NSUF; November 13 – Full application R&D/NSUF and IRP

[DOE-NE Fiscal Year 2025 Phase II Continuation Consolidated Innovative Nuclear Research](#) This Phase II Continuation CINR FOA provides opportunities for teams that have performed high quality work through the Nuclear Energy University Program (NEUP) to propose new projects that complement and enhance ongoing NEUP research through a competitive application and review process. This Phase II Continuation CINR process is executed through NEUP. Deadlines: June 5 – LOI; October 2 – Full application

[DOE-NE Fiscal Year 2025 Distinguished Early Career Program \(DECP\)](#) The DECP is the DOE Office of Nuclear Energy's (NE) most prestigious award for the most innovative distinguished faculty members beginning their independent careers. The intent of the program is to provide stable support to those faculty to form the impactful research groups, innovative lines of inquiry, educational approaches, and critical new research directions that will drive the next generation of nuclear energy innovation. NE encourages all eligible applicants to apply, especially women, members of underrepresented minority groups, and persons with disabilities. This FOA is soliciting distinguished early career applications that provide a clear research and education plan that highlights the applicant's research and educational strengths; the research and education vision to support the development of the faculty member; and research infrastructure, curriculum, and outcomes that will advance the applicant's research focus while training the next generation of nuclear energy professionals. Deadline: August 6

[DOD-CDMRP Melanoma Research Program \(MRP\)](#) The vision of the MRP is to prevent melanoma initiation and progression, and reduce hardship. The mission is to support development of earlier interventions to enhance mission readiness, diminish melanoma burden, and improve quality of life for Service Members, Veterans, their Families, and the American public. Mechanisms include: Survivorship Research Award; Idea Award; Melanoma Academy Scholar Award; Team Science Award; and Focused Program Award – Rare Melanomas. Deadlines: July 29 – Pre-application; August 26 - Application

[DOD-CDMRP Traumatic Brain Injury and Psychological Health Research Program \(TBIPHRP\)](#) The TBIPHRP's vision is to optimize the prevention, assessment, and treatment of psychological health conditions and/or traumatic brain injuries (TBIs). The program seeks to fund research that understands, prevents, and treats psychological health conditions and/or traumatic brain injuries that accelerates solutions to improve the health and health care of Service Members, their Families, Veterans, and the American public. Proposed research can be aligned with TBI, psychological health, or in combination. Mechanisms include: Clinical Trial Award; Emerging Topics Research Award; Focused Program Award; Health Services Research Award and Translational Research Award. Deadlines: Varies by mechanism

NASA-ROSES Opportunities

- **[Modeling, Analysis, and Prediction](#)** Deadlines: May 31 – Step 1; July 1 – Step 2
- **[Atmospheric Composition: Upper Atmospheric Composition Observations](#)** Deadlines: July 19 – Step 1; September 19 – Step 2
- **[Atmospheric Composition: Atmospheric Composition Modeling and Analysis Program](#)** Deadline: August 16
- **[Terrestrial Hydrology](#)** Deadlines: June 27 – Step 1; August 8 – Step 2
- **[Rapid Response and Novel Research in Earth Science](#)** Deadline: On-going
- **[Remote Sensing Theory for Earth Science](#)** Deadlines: July 15 – Step 1; September 16 – Step 2
- **[Earth Science U.S. Participating Investigator](#)** Deadlines: June 14 – Step 1; July 19 – Step 2
- **[Earth Action: Health And Air Quality Applied Sciences Team](#)** Deadlines: June 4 – Step 1; July 9 – Step 2
- **[Increasing Participation of Minority Serving Institutions in Earth Science Surface-Based Measurement Networks](#)** Deadline: June 10
- **[Heliophysics Guest Investigators - Open](#)** Deadlines: May 23 – Step 1; August 1 – Step 2
- **[Living with a Star Science](#)** Deadlines: August 13 – Step 1; November 6 – Step 2
- **[Heliophysics Technology and Instrument Development for Science](#)** Deadline: August 23
- **[Heliophysics Flight Opportunities Studies](#)** Deadline: August 28
- **[Heliophysics Data Environment Enhancements](#)** Deadline: July 10
- **[Heliophysics Innovation in Technology and Science](#)** Deadline: On-going
- **[Heliophysics Tools and Methods](#)** Deadline: February 27
- **[Artificial Intelligence Applications in Heliophysics](#)** Deadlines: July 1 – Step 1; August 20 – Step 2
- **[Emerging Worlds](#)** Deadline: On-going
- **[Solar System Workings](#)** Deadline: On-going
- **[Planetary Data Archiving, Restoration, and Tools](#)** Deadline: On-going

- [Exobiology](#) Deadline: On-going
- [Solar System Observations](#) Deadline: On-going
- [Cassini Data Analysis Program](#) Deadlines: June 6 – Step 1; August 14 – Step 2
- [Planetary Instrument Concepts for the Advancement of Solar System Observations](#) Deadline: On-going
- [Planetary Protection Research](#) Deadlines: June 18 – Step 1; July 18 – Step 2
- [Laboratory Analysis of Returned Samples](#) Deadline: On-going
- [Here to Observe](#) Deadline: On-going
- [Lunar Mapping Program](#) Deadline: June 12
- [IXPE General Observer - Cycle 2](#) Deadline: August 29
- [Euclid General Investigator Program](#) Deadlines: July 15 – Step 1; August 22 – Step 2
- [Consortium in Biological Sciences](#) Deadlines: June 17 – Step 1; July 17 – Step 2
- [Supplements for Open-Source Science](#) Deadline: On-going
- [High Priority Open-Source Science](#) Deadline: On-going
- [Innovation Corps Pilot](#) Deadline: On-going
- [Research Initiation Awards](#) Deadline: August 15

[USDA-FAS Assisting Specialty Crop Exports, Sustainable Packaging Innovation Lab \(ASCE-SPIL\)](#) The Assisting Specialty Crop Exports Sustainable Packaging Innovation Lab (ASCE-SPIL) project seeks to support research and implementation projects that advance U.S. specialty crop exports by developing innovative solutions to emerging foreign regulatory requirements for packaging and labeling of specialty crops. The recipient will act as the Managing Entity of ASCE-SPIL. In this capacity, the recipient will establish the ASCE-SPIL and develop, select, and manage a portfolio of subawards for industry and academic researchers working on sustainable packaging R&D and commercialization pilot activities to support U.S. exports of specialty crops. A key premise of the ASCE-SPIL is collaborative research through partnerships. Deadline: July 17

[USDA-FAS Assisting Specialty Crop Exports: APEC Import MRL Guidelines Implementation Program](#) The goal of this NOFO is to support the establishment of import MRLs through the adoption and implementation of the official “Asia-Pacific Economic Cooperation (APEC) Import MRL Guideline for Pesticides” in APEC member economies. APEC members are important trading partners for U.S. fresh fruits, berries, vegetables, nuts and other specialty crops. Priority should be given to establishing import MRLs for specialty crops that benefit U.S. specialty crop producers and exporters. Recipients will not be expected to work in all APEC member economies; rather, target markets and commodities will be prioritized based on consultations with U.S. specialty crop industry stakeholders and coordination with FAS. Deadline: July 17

[USDA-FAS Assisting Specialty Crop Exports: Regional Alignment of Pesticide Regulatory Systems and Trade Facilitative MRLs](#) The goal of this Notice of Funding Opportunity (NOFO) is to support the development and implementation of risk-based pesticide regulatory systems and MRL policy consistent with Codex and/or the U.S. system and based on the WTO SPS Agreement. There are three tracks: Alignment of Asian pesticide regulatory systems and trade facilitative MRLs; Alignment of Latin American and the Caribbean (LAC) pesticide regulatory systems and trade facilitative MRLs; and Alignment of pesticide regulatory systems and trade facilitative MRLs in Africa. Deadline: July 29

[USDA-FAS Assisting Specialty Crop Exports: Increasing Data Generation for Codex and Harmonized MRL Setting](#) The goal of this Notice of Funding Opportunity (NOFO) is to reduce the number of missing and misaligned MRLs by supporting collaborative pesticide residue research and data generation capacity for the establishment of Codex MRLs. Priority should be given to establishing Codex MRLs for specialty crops that benefit U.S. specialty crop producers and exports. Deadline: July 17

[NEA Creative Forces: NEA Military Healing Arts Network \(Community Arts Engagement Grant Program\), FY2025](#) The mission of Creative Forces is to improve the health, well-being, and quality of life for military and veteran populations exposed to trauma, as well as their families and caregivers, by increasing knowledge of and access to clinical creative arts therapies and community arts engagement. The purpose of this Program

Solicitation is to select an organization (Cooperator) to support Creative Forces through the implementation and administration of the Creative Forces Community Engagement Grant Program, competitive grant program that advances the mission of Creative Forces through community-based arts engagement activities. Deadline: July 16

3. Anticipated Funding Opportunities

[*NIH Notice of Intent to Publish a Funding Opportunity Announcement for Addressing Barriers to Healthcare Transitions for Survivors of Childhood and Adolescent Cancers \(R01\)*](#)

[*NIH Notice of Intent to Publish a Funding Opportunity Announcement for RNA Modifications Driving Oncogenesis \(RNAMoDO; U01\)*](#)