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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) 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: [NSF National Resource Coordination Center on Improving Undergraduate STEM Education \(IUSE\)](#) NSF seeks proposals to create an NSF National Resource Coordination Center on Improving Undergraduate STEM Education (IUSE Center) that will be an intellectual partner to the IUSE: EDU community and NSF. Working in concert with the IUSE: EDU program, the goal of the IUSE Center is to serve as a focal point and intellectual partner for the IUSE: EDU community. An organization may submit only **one** IUSE Center proposal as a single organization, a sub-recipient, or a member of a collaborative research project.

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

Sponsor deadline: xxx

Limited Submission: [NSF Research Traineeship Program \(NRT\)](#) The NRT Program accepts proposals in any interdisciplinary or [convergent](#) research theme of national importance and encourages specific priority research areas that change periodically. All interdisciplinary or convergent research themes should align with NSF or other national STEM research priority areas and have high potential to develop novel, innovative practices in graduate education. Proposers should describe the importance of the NRT project's thematic focus to the Nation and the particular need to train students for a variety of careers in that thematic area. Only **two** submissions are allowed per institution as lead or collaborator.

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

Sponsor deadline: November 14

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 Mid-scale Research Infrastructure-1 (Mid-scale RI-1) The NSF Mid-scale Research Infrastructure-1 Program (Mid-scale RI-1) supports either *design* activities or *implementation* of unique and compelling RI projects. Mid-scale implementation projects may include any combination of equipment, instrumentation, cyberinfrastructure, broadly used large scale datasets and the personnel needed to successfully commission the project. Within Mid-scale RI-1, proposers may submit two types of projects, “Implementation” (e.g., acquisition and/or construction) or “Design”. The “Design” track is intended to facilitate progress toward readiness for a mid-scale range implementation project. Both Implementation projects and Design activities may involve new or upgraded research infrastructure. Mid-scale RI-1 "Implementation" projects may have a total project cost ranging from \$4 million up to but not including \$20 million. Mid-scale RI-1 "Design" activities may request less than \$4 million, with a minimum request of \$400,000 and a maximum request up to but not including \$20 million, as appropriate, to prepare for a future mid-scale range implementation project. Deadlines: November 18 – Preliminary proposal; March 19 – Full proposal by invite

NSF Computational and Data-Enabled Science and Engineering (CDS&E) The CDS&E meta-program encourages research that pushes the envelope of science and engineering through computation and data, welcoming proposals in any research area supported by the participating divisions. A proposal may address topics that develop or enable interactions among theory, computing, experiment, and observation to achieve progress on hitherto intractable science and engineering problems. Areas of emphasis for CDS&E vary by program. Deadline: On-going

NIH ADRD Risk and Disease Following Nervous System Exposures at Biological Interfaces with the Environment (R01) The scope of this NOFO includes mechanistic research relevant to ADRD to determine the effect(s) of exogenous ERFs at nervous system biological interfaces. Human studies (No Clinical Trials Allowed) to identify exogenous ERFs at these biological interfaces are also allowed if the mechanistic influence of these exposures is also included in the research plan. This initiative will require team science between neuroscientists that have deep expertise in ADRD research with experts in environmental science with knowledge of toxicity to the nervous system. Deadline: October 4

NIH Single Cell Opioid Responses in the Context of HIV (SCORCH) Program: Data Mining and Functional Validation (R01) The purpose of this NOFO is to support data mining of single cell data sets to identify cell types, transcripts, enhancers, or transcriptional networks that play a role in HIV/antiretroviral therapy (ART) or Substance Use Disorder (SUD)-relevant molecular responses, and/or to support functional validation studies (e.g. epigenomic or transcriptomic manipulation, high throughput secondary screening) to confirm or deny a biological role for one or more of the data-mined cell types, transcripts, enhancers, or transcriptional networks in HIV/ART and SUD molecular responses. Deadline: March 19

NIH Advancing Research on Molecular Targets and Mechanisms that Influence the Interplay Between Sex Hormones, HIV, and Addictive Substances The purpose of this NOFO is to support studies to delineate the mechanisms by which sex hormones influence the consequences of comorbid HIV and drug use and use this knowledge to explore biological mechanisms as potential therapeutic targets to address HIV-substance use disorders (SUD) comorbidity. This NOFO requires a Plan for Enhancing Diverse Perspectives (PEDP), which will be assessed as part of the scientific and technical peer review evaluation.

- **R01** Deadline: March 13
- **R21** Deadline: March 13

NIH The Confluence of Cancer Stigma and HIV Stigma in HIV-positive Individuals Diagnosed with Cancer NCI intends to support research that expands the current understanding of the confluence of cancer stigma and HIV stigma among people with HIV (PWH) diagnosed with cancer; assesses the impact of these two converging stigmas on cancer outcomes among PWH with cancer; leverages stigma reduction interventions at multiple levels to intervene on modifiable mechanisms of stigma that contribute to negative cancer outcomes among

PWH with cancer; and promotes research in domestic and international contexts, focusing on regions in which the HIV-cancer burden is elevated.

- [R01](#) Deadline: December 10
- [R21](#) Deadline: December 10

[DOE-FECM Carbon Capture, Removal, and Conversion Test Centers](#) The development process for carbon management technologies is typically conducted through multiple projects to advance through laboratory- and bench-scale testing and onto pilot-scale testing. One of the key elements promoting the success of advanced carbon management technologies has been the ability to test systems at dedicated testing centers. These testing facilities give technology developers a venue to accelerate the commercialization of their technologies. This funding opportunity announcement (FOA) is focused on the development of test centers through three AOIs: **AOI-1.** Carbon Capture, Removal, and Conversion Test Center at an Electric Generating Unit, **AOI-2.** Enabling Capital Improvements at Existing Carbon Capture Test Facilities, and **AOI-3.** Carbon Capture, Removal, and Conversion Test Center at a Cement Manufacturing Facility. Prospective test center sites should only be submitted to one (1) AOI. Deadline: October 31

[DOD Enabling Technologies for Electronic Warfare and Surveillance](#) To fully enable spectrum superiority, naval forces (including the Marine Corps and Navy) must be able to control the Electromagnetic Spectrum (EMS) by exploiting, deceiving, or denying enemy use of the spectrum while ensuring persistent naval ISR capabilities. The advance of adversary intelligence, surveillance, and reconnaissance (ISR) and EW capabilities across the full EMS (DC to daylight), and the proliferation of inexpensive, efficient processors, and transceivers has eroded our advantages, created a contested and congested operational environment, and degraded our naval ISR capabilities. This EW and Surveillance D&I BAA Call seeks innovative solutions to overcome these technical challenges. Deadline: October 14 – White paper; November 15 – Oral presentation; December 20 – Full proposal

[DOD-CDMRP Arthritis Research Program \(ATRP\)](#) The FY24 ATRP challenges the scientific community to address the most significant gaps in the care and well-being of Service Members and all persons impacted by arthritis. The program is particularly interested in reducing the burden of arthritis in Service Members and its impact to their readiness and retention. It is expected that research findings from awards funded by the ATRP will also benefit those that receive care through the Military Health System, and those within the general population. Deadlines: October 16 – Pre-application; October 30 - Application

[DOC-NOAA 2024-26 BAA Announcement](#) This Broad Agency Announcement is a mechanism to encourage research, education and outreach, innovative projects, or sponsorships that are not addressed through NOAA's competitive discretionary programs. Each NOAA Line Office that supports financial assistance (National Marine Fisheries Service, National Ocean Service, National Weather Service, Office of Atmospheric Research, Office of Education, and National Environmental Satellite Data Information Service) has a separate BAA found in Grants.gov, so applicants should submit their application to the BAA for the Line Office that best fits their application. Deadline: September 30

[NASA-ROSES Precipitation Measurements Mission and CloudSat and Calipso Science Team Re compete](#) This program element solicits investigations associated with the Precipitation Measurements Mission (PMM) and the CALIPSO/CloudSat (CC) Science Teams. While solicitations for these science teams have been independent in the past, changes in instrument status and programmatic goals for the two science teams have led to a more unified approach, while still retaining some independence due to continuing differences in science and applications goals. Primarily PMM investigations are solicited in Section 2.1, Primarily CALIPSO/CloudSat investigations are solicited in Section 2.2, and fully integrated investigations are solicited in Section 2.3. Deadlines: October 11 – NOI; November 20 – Proposal

[DoED-IES-NCEE Strengthening Program Evaluation Capacity grant](#) In awarding grants under this program, the Institute of Education Sciences (IES) intends to build individual and organizational capacity to conduct high-quality evaluations of education interventions that are designed in accordance with evaluation standards identified by IES's What Works Clearinghouse. Deadline: November 14

[DoED-IES-NCSEER Special Education Dissertation Research Fellowship Program](#) In awarding research training grant programs, the Institute of Education Sciences (IES) aims to prepare individuals to conduct rigorous and relevant education and special education research that advances knowledge within the field and addresses issues important to education policymakers and practitioners. Deadline: November 14

3. Other:

Purdue Office of Research (OOR) Workshops These workshops will be especially helpful to new faculty but all faculty are invited to attend.

- **Finding Funding, Limited Submissions, and Proposal Submission** This workshop provides an excellent opportunity for faculty to learn more about Purdue's policies and processes related to the development, submission, and management of research proposals. This workshop will take place on Tuesday, September 3 from 1:30PM to 3:00PM, in Stewart Center, room 202. For more information and to register, please visit: https://purdue.ca1.qualtrics.com/jfe/form/SV_9zPtwKBmrXqk6.
- **Successful Grant Writing Strategies** This workshop focuses on best practices for proposal writing and available services to assist with these efforts. This workshop will take place on Tuesday, September 17 from Noon-1:30, in Stewart Center, room 214. Lunch is provided. For more information and to register, please visit: https://purdue.ca1.qualtrics.com/jfe/form/SV_d43UEsFO0BY7ZmS.
- Please visit <http://www.purdue.edu/research/funding-and-grant-writing/events.php> for the full list of upcoming workshops.