

Dear Associate Deans for Research and Department Heads,

Please see below for a partial list of funding information that may be of interest to members of your faculty.

PLEASE NOTE: Pivot [formerly Community of Science (COS)] 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](#).

1. Limited Submissions:

Preproposals and rankings should be submitted via Purdue's InfoReady portal (<https://purdue.infoready4.com/>). 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>. For any case in which the number of preproposals received is no more than the number of proposals allowed by the sponsor, the EVPRP will notify the PI(s) that an internal competition will be unnecessary. Questions should be addressed to EVPRPlimited@purdue.edu.

Limited Submission: [HHS-CDC National Center for Construction Safety and Health Research and Translation \(U54\)](#) NIOSH is seeking applications from qualified organizations for a National Center for Construction Safety and Health Research and Translation (also known as the NIOSH National Construction Center). Applicants are expected to propose multi-disciplinary approaches for impactful applied and intervention research and hazard identification and controls, to develop partnerships for implementing prevention and intervention activities, and to serve as leaders in research translation and research-to-practice for the protection of construction workers in the United States. Only **one** application is allowed per institution.

Internal deadline: Preproposal due in InfoReady by September 25 ([template](#))

Sponsor deadlines: November 1 – LOI; December 1 - Application

2. Selected Funding Opportunities:

[NSF Focused Research Groups in the Mathematical Sciences](#) The purpose of the Focused Research Group activity is to support collaborative groups employing innovative methods to solve specific, major research challenges in the mathematical sciences. A major challenge is an outstanding problem of significant importance that requires the focused and synergistic efforts of a collaborative group to solve, and whose solution will have wide impacts in the mathematical sciences and potentially in other areas. Groups may include, in addition to statisticians and mathematicians, researchers from other science and engineering disciplines appropriate for the proposed research. Risky projects are welcome. Interdisciplinary projects are welcome. Deadline: December 6

[NSF Advancing Informal STEM Learning \(AISL\)](#) The Advancing Informal STEM Learning (AISL) Program is the only NSF program that exclusively invests in research and practice on how people learn STEM outside of formal education. The AISL Program is committed to funding research and practice, with continued focus on investigating a range of informal STEM learning (ISL) experiences and environments that make lifelong learning a reality. This AISL solicitation specifically seeks proposals that center equity and belonging, and further the well-being of individuals and communities who have historically been and continue to be excluded, under-served, or underrepresented, due to gender, race, ethnicity, sexual orientation, disability status, neurodiversity, geographic location, and economic status, among others, as well as their intersections. The AISL Program will fund proposals across five project types: Synthesis; Conferences; Partnership Development and Planning; Integrating Research and Practice; and Research in Support of Wide-reaching Public Engagement in STEM. Deadline: January 10

[NSF Dear Colleague Letter: Inviting Proposals Related to Open-Source Software Security to the Secure and Trustworthy Cyberspace Program](#) The purpose of this Dear Colleague Letter (DCL) is to encourage the

submission of novel and high impact proposals, within or across disciplines, applying the highest standards of research methodology and use of evidence, to advance knowledge on securing the OSS ecosystem, targeting at least one of the following areas/topics: Software engineering frameworks/tools/methodologies; Handling unsafe legacy code; Dependency management; Trust and safety; Incentive and organizational structures for a secure OSS ecosystem; and Education and workforce development. This DCL does not constitute a new competition nor a new program. Rather, interested proposers should prepare and submit proposals in accordance with the instructions in the Secure and Trustworthy Cyberspace (SaTC) program solicitation. Deadline: On-going

[NSF Dear Colleague Letter: CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and Consequences](#) This Dear Colleague Letter (DCL) seeks to encourage submission of proposals on the fundamental understanding and assessment of environmental processes, and/or social, cultural, and ethical impacts of Carbon Dioxide (CO2) Removal (CDR) and Solar Radiation Modification (SRM). This DCL does not constitute a new competition or program. Rather, interested proposers should prepare and submit proposals in accordance with the guidance contained in the PAPPG and any solicitation or program specific instructions for the relevant programs. Deadline: On-going

[Notice of NIH Participation in the NIH-NSF Ecology and Evolution of Infectious Diseases Program](#) The Fogarty International Center (FIC), the National Institute of Allergy and Infectious Diseases (NIAID) and the National Institute of General Medical Sciences (NIGMS) of the National Institutes of Health (NIH), the United States Department of Agriculture (USDA), and the National Science Foundation (NSF) will continue this multi-year collaboration that supports research on the ecological, evolutionary, organismal, and social drivers that influence the transmission dynamics of infectious diseases. The central theme of submitted EEID projects must be quantitative or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease (re)emergence and transmission and testing mathematical or computational models that elucidate infectious disease systems. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. Deadline: November 15

[NIH Approaches to Identifying Preteen Suicide Risk and Protective Factors \(R01\)](#) The goal of this initiative is to support research designed to develop models of pre-teen suicide that a.) explain risk states that transition to risk behaviors, including self-harm and suicide attempts; b.) identify protective factors that could be developed/enhanced to change the risk trajectory, both proximal and distal; and c.) identify intervention targets and timing, as well as scalable assessment approaches that have clinical utility for characterizing both risk/protective factors and suicide risk status and outcomes. Deadline: November 9

[NIH Improving Care and Outcomes for Cancer Survivors from Sexual and Gender Minority \(SGM\) Populations \(R01\)](#) Through this notice of funding opportunity (NOFO), the National Cancer Institute (NCI) intends to support the rigorous assessment of barriers to quality cancer treatment and follow-up care for sexual and gender minority (SGM) cancer survivors. This funding opportunity is intended to address a critical need for improved care delivery and outcomes for SGM cancer survivors. The goal is to address the disease burden in an underserved and understudied population that is at higher risk of poorer health outcomes. Deadline: February 5

[NIH Center for Exposome Research Coordination to Accelerate Precision Environmental Health \(U24\)](#) This NOFO solicits applications for establishing a Center for Exposome Research Coordination (CERC) that will serve the broad biomedical research community by coordinating and advancing exposome research to accelerate precision environmental health. The CERC will engage existing and ongoing exposome initiatives around the globe to promote methodological advancement and best practices, provide training and education, and foster national and international collaborations. Deadline: November 30

[DOE-NETL University Turbine Systems Research \(UTSR\)](#) The objective of this FOA is to solicit and competitively award university-based R&D projects that address and resolve fundamental scientific challenges and applied engineering technology issues associated with thermal management of combustors and hot gas path components for gas turbines. Specifically, R&D projects will conduct fundamental and applied research to develop advanced materials and advanced hot gas path components which utilize these advanced materials,

advanced cooling architectures, and advanced manufacturing methods. The FOA will seek to solicit and competitively award laboratory/bench-scale R&D in the following areas of interest (AOI): AOI 1: Fundamental Materials Development for Hot Gas Path Hydrogen Turbine Components; AOI 2: Applied Materials Development for Hot Gas Path Hydrogen Turbine Components; and AOI 3: Fundamental Materials Development for Hydrogen Rotating Detonation Engines (RDEs). Deadline: November 7

[DoED Education Research Grant Programs](#) The Department of Education is issuing a notice inviting applications for new awards for fiscal year (FY) 2024 for the Research Training Programs in the Education Sciences, Research Networks Focused on Critical Problems of Education Policy and Practice, and Statistical and Research Methodology in Education Grant Programs. Deadline: January 11

[DOC-NOAA FY2024-2025 National Sea Grant BIL Marine Debris Challenge Competition](#) Sea Grant anticipates approximately \$16,000,000 will be available to support innovative, transformational research to application (R2A) projects that will address the prevention and/or removal of marine debris, with award periods of three years. “Research to application” or R2A refers to research and development projects that transition into tangible, scalable outcomes and outputs. Proposals may address (but are not limited to) innovative or non-proven interception and/or removal technologies (i.e. prototype devices that require additional research and development prior to deployment, and/or need to be tested in new environments), reusable systems, microplastics, and/or nanoplastics. Deadlines: January 31 – LOI; March 27 – Full proposal

[DOI FY24 Desalination and Water Purification Research Program: Research Projects](#) DWPR funding plays a critical role in iterating an idea from the lab to a real-world demonstration, yielding products that serve the water treatment community and attract commercialization interest. Reclamation is interested in research where the benefits are widespread but where private-sector entities are not able to make the full investment and assume all the risks. Reclamation is also interested in research that has a national significance—where the issues are of large-scale concern and the benefits accrue to a large sector of the public. The goal of the DWPR program is to address the need to reduce the costs, energy requirements, and environmental impacts of treating impaired and unusable water. Deadline: November 15

3. **Other:**

EVPRP Workshop: [Write Winning Grants](#) This full-day workshop, presented by Dr. John Robertson of *Grant Writers’ Seminars and Workshops, LLC*, will focus on such things as idea development, identification of the most appropriate granting agency, how to write for reviewers, and tips and strategies that are of proven value in presenting an applicant’s case to reviewers. The workshop provides intensive grant writing training interspersed with specific details by agency. Participants will also choose one of four workbooks which provide agency specific grant writing tips and suggestions. This full-day workshop is designed for faculty and full-time staff researchers who have had some exposure to writing grant applications. A limited number of postdocs will be allowed to attend but must first receive an invitation through the Graduate School. Interested postdocs should contact Jason Cannon (cannonjr@purdue.edu). *We are unable to accommodate students for this event.*

This workshop will take place on **Tuesday, November 7, 8:30AM-5:00PM. Registration is required by Friday, October 13.** Lunch will be provided. There is no cost to participants for this workshop; however, lunch and workbooks are ordered specifically for each participant so those registering are expected to attend. Register at: https://purdue.ca1.qualtrics.com/jfe/form/SV_782c8RT6mfBFx0q

****Purdue faculty and research staff:** To directly receive this newsletter in your inbox, please sign up for the listserv here: <https://lists.purdue.edu/mailman/listinfo/weeklyfundingopps>. Only *purdue.edu* e-mail addresses will be accepted.**

As always, we appreciate your sharing this information with your faculty. Please contact Sue Grimes (sgrimes@purdue.edu) with any questions or comments related to this e-mail.