

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](mailto:EVPRPlimited@purdue.edu).

**Limited Submission:** [EPA National Pesticide Information Center \(NPIC\)](#) The U.S. Environmental Protection Agency (EPA) Pesticide Re-evaluation Division in the Office of Pesticide Programs (OPP) is soliciting applications from eligible organizations to establish a National Pesticide Information Center (NPIC), a program that provides the public with objective, science-based information on pesticide-related subjects through a website, toll-free telephone service, and outreach. Trained experts will respond to questions on the risks associated with pesticide use, restrictions on pesticide use, who to contact for regulatory enforcement, how to report information on a suspected pesticide exposure and more. Secondly, NPIC program staff will collect information on suspected incidents that callers give voluntarily.

*Internal deadline:* Preproposal due in InfoReady by July 17 ([template](#))

*Sponsor deadline:* August 7

**2. Selected Funding Opportunities:**

[NSF Facility and Instrumentation Request Process \(FIRP\)](#) The Facility and Instrumentation Request Process (FIRP) solicitation describes the mechanism by which the research community can propose projects that require access to instrumentation and facilities sponsored by the Facilities for Atmospheric Research and Education (FARE) Program in the Division of Atmospheric and Geospace Sciences (AGS). The FIRP solicitation offers three proposal submission tracks based on the type and purpose of the request: Track 1 - Education and Outreach; Track 2 - Single Facility Request; Track 3 – Field Campaigns. Deadline: On-going

[NSF Industry-University Cooperative Research Centers Program \(IUCRC\)](#) The IUCRC program catalyzes breakthrough pre-competitive research by enabling close and sustained engagement between industry innovators, world-class academic teams, and government agencies. IUCRCs help industry partners and government agencies connect directly and efficiently with university researchers to achieve three primary objectives: 1) Conduct high-impact research to meet shared and critical industrial needs in companies of all sizes; 2) Enhance U.S. global leadership in driving innovative technology development, and 3) Identify, mentor and develop a diverse, highly skilled science and engineering workforce. Deadlines: September 13 – Preliminary proposal; December 13 - Proposal

[NSF Dear Colleague Letter: Searching for New Physics Beyond the Standard Model Using Precision Measurements \(BSM-PM\)](#) The research envisioned in this Dear Colleague Letter will seek to push forward the frontier of measurement accuracy by substantial factors in order to contribute to one or both of the following long-term goals: (1) improve the constraints on parameters in theoretical alternatives to the Standard Model of

Particle Physics, or similarly overarching fundamental models in other domains of physics such as gravitational physics, or (2) determine the values of known parameters to an unprecedented level of accuracy such that deviations from predictions would signal the discovery of new fundamental physics. This Dear Colleague Letter encourages interdisciplinary research proposals that target these new approaches across the core physics sub-disciplines within the purview of the Physics Division. Deadline: Varies

**NSF Dear Colleague Letter: Workshop to Inform Development of the NSF Research on Research Security Program (RRSP)** With this Dear Colleague Letter (DCL), NSF is seeking proposals for a workshop that will bring together researchers who conduct or have an interest in conducting research in this domain, with the intent of raising awareness of the RRSP and developing a community of practice that includes institutions of higher education, for-profit organizations, governmental entities, and non-profit organizations to conduct this highly interdisciplinary research. Deadline: September 25

**NSF Dear Colleague Letter: Extreme, Compound, and Cascading Hazards (EC2H)** This Dear Colleague Letter (DCL) encourages submission of proposals that advance our fundamental understanding of natural disasters, extreme events, and other natural hazards. The focus is on: 1) exploring system-of-systems approaches to understanding drivers of extreme events (e.g., Sun-Earth or land-ocean-atmosphere-ice interactions); 2) cascading or compound hazards (e.g., submarine landslide-triggered tsunamis); 3) interactions between longer-term trends and extreme events (e.g., climate change and wildfires); and 4) processes occurring at multiple scales ranging from local to regional to planetary, and at time scales that incorporate long-term changes in the characteristics of short-term extreme events. Investigators are urged to involve multiple disciplines and stakeholders and include the participation of the full spectrum of diverse talents in STEM. Projects must also demonstrate a clear societal benefit. Deadline: Varies

**NSF Research Experiences for Undergraduates (REU)** The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for supporting student research: REU Sites and REU Supplements. Deadline: September 27

**NIH Youth Violence Prevention Interventions (R01)** The purpose of this initiative is to support research to develop and test multilevel youth violence prevention interventions for populations that experience health disparities, and which includes strategies that address structural discrimination and other social determinants of health. The target age range for this initiative is children and youth aged 10- to 24-years-old. Deadline: October 2

***NIH Cellular and Molecular Biology of Complex Brain Disorders*** This FOA encourages research on the biology of high confidence risk factors associated with complex brain disorders, with a focus on the intracellular, transcellular and circuit substrates of neural function. For the purposes of this FOA, the term complex can refer to a multifactorial contribution to risk (e.g., polygenic and/or environmental) and/or highly distributed functional features of the brain disorder. Studies may be either hypothesis-generating (unbiased discovery) or hypothesis-testing in design and may utilize in vivo, in situ, or in vitro experimental paradigms, e.g., model organisms or human cell-based assays.

- **R01** Deadline: October 5
- **R21** Deadline: October 16

***NIH Schizophrenia and related disorders during mid- to late-life*** The purpose of this NOFO is to encourage applications that will advance translational research to better understand the emergence, trajectory, and outcomes of schizophrenia and related psychotic disorders in mid- to late-life, and to identify targets for future development of prevention and treatment interventions.

- **R01** Deadline: October 5
- **R21** Deadline: October 16

**NIH Precision HIV Health: Integrating Data and Implementation Science to Accelerate HIV Prevention and Treatment (R21/R33)** This NOFO encourages participatory data science and implementation science research to accelerate the implementation of more targeted and sustainable HIV interventions with the goals of (1) using data science methods to model complex systems, including social and structural determinants of health, to identify more targeted HIV prevention, treatment, and care interventions and implementation strategies; (2) using novel measurement approaches and modern statistical methods to evaluate the implementation of data-driven discoveries; (3) integrating meaningful engagement of community and implementing partners at every stage of the research. Deadline: November 22

**NIH Advancing Cancer Control Equity Research Through Transformative Solutions (U19)** This Notice of Funding Opportunity (NOFO) invites proposals for research centers to advance cancer control equity by stimulating community-engaged, multilevel research interventions that address the impact of social determinants of health (SDOH) on adverse cancer control outcomes. Deadline: September 14

**NIH Advancing Cancer Control Equity Research through Transformative Solutions Coordination Center (U24)** This notice of funding opportunity (NOFO) invites grant applications for a Coordination Center to support four research centers that address the impact of social determinants of health (SDOH) on adverse cancer control outcomes. The Coordination Center will 1) facilitate communication across ACCERT Centers and provide meeting support; 2) lead efforts to manage and share consortium-wide data; 3) connect research centers with capacity building and training opportunities and disseminate synthesized research products, findings, and tools; 4) stimulate and coordinate consortium collaborative activities; and 5) evaluate the impact of the consortium. Deadline: September 14

**DOE Fiscal Year 2024 Consolidated Innovative Nuclear Research** 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. 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. This CINR FOA contains the following three separate funding opportunity areas: 1) U.S. University-led R&D Projects and NSUF Access with R&D (NSUF-1) Projects; 2) U.S. University-led Integrated Research Projects (IRPs); and 3) U.S. University-, National Laboratory-, or Industry-led Nuclear Science User Facilities (NSUF) Access Only (NSUF-2) Projects. Deadlines: July 12 – LOI for NSUF-1 and NSUF-2; July 26 – R&D/NSUF Pre-application; August 31 – NSFU Preliminary Statement of Work; December 6 – NSUF Final Statement of Work; December 20 – Full R&D/NSUF and IRP applications.

**DOD-DARPA Synthetic Hemo-technologies to Locate and Disinfect (SHIELD)** The SHIELD program will develop safe and effective prophylactic countermeasures to defeat bloodborne pathogens and prevent bloodstream infections (BSI) associated with combat wounds. The program will develop prophylactic countermeasures effective against both bacteria and fungi, pathogens that are responsible for the vast majority of BSI. State-of-the-art countermeasures to manage BSI include antifungals and antibiotics which can be toxic, ineffective, and be administered in an untimely manner. SHIELD will develop safe and effective broad-spectrum prophylaxes that will protect recipients from bloodborne bacteria and fungi and prevent BSI for up to 144 h. Deadline: September 27

**DOD-CDMRP Chronic Pain Management (CPMRP)** The intent of the FY23 CPMRP PMCCRA is to support large-scale pragmatic comparative effectiveness and implementation science clinical trials that will facilitate the acceptance and utilization of evidence-based chronic pain management clinical applications, such as health care products, technologies, clinical practice guidelines, and/or models of care. PMCCRA applications should explain how the proposed work will inform the development, refinement, and/or revision of existing standards of care, recommendations, or guidelines for managing chronic pain. Mechanisms include: Pain Management Collaborative Clinical Research Award; Clinical Outcomes Research Award; Clinical Exploration Award; and Investigator-Initiated Research Award. Deadlines: August 21 – Pre-application; November 9 - Application

**DOD-CDMRP Trauma Immunology Research Award (TIRA)** The Trauma Immunology Research Award (TIRA) will support basic and applied research and early-stage development of material and knowledge products to address critical gaps in the understanding of immune system, immune response, immune function, and other associated host responses in combat injuries, in particular, severe polytrauma as encountered in the operational environment. Polytrauma is defined as two or more injuries to physical regions or organ systems, one of which may be life-threatening, resulting in physical, cognitive, psychological, or psychosocial impairments and functional disability. Specifically, the research that supports the understanding of inflammation, immune responses, and other host reactions at and post trauma as well as associated potential treatments represents key priorities for the CCCRP1. Deadlines: August 15 – Pre-application; November 9 – Application (by invite)

**USDA-FS 2023 National Urban and Community Forestry Challenge Cost Share Program** The Forest Service is seeking an inventory, compilation, and assessment of existing hard copy and electronic urban and community forest management and maintenance best practices and case studies. The applicant should assess the information and determine which existing or new best practices are most cost effective and replicable that are scalable from small communities to large metropolitan areas in various geographical areas of the country and territories. The end result should be a comprehensive program/software that compiles existing and emerging technology and best management and maintenance practices into one comprehensive and adaptable application. Deadline: August 15

### 3. **Anticipated Funding Opportunities**

**NSF Dear Colleague Letter: Notice of Intent to Compete an Arctic Sciences Community Hub**

### 4. **Other:**

**NSF Dear Colleague Letter: Teacher Salary Supplements in the Robert Noyce Teacher Scholarship Program**

**\*\*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](mailto:sgrimes@purdue.edu)) with any questions or comments related to this e-mail.