

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: [Greenwall Foundation Faculty Scholars Program in Bioethics](#) The Greenwall Faculty Scholars Program in Bioethics is a career development award to enable junior faculty members to carry out innovative bioethics research. It supports research that goes beyond current work in bioethics to help resolve pressing ethical issues in clinical, biomedical, and public health decision-making, policy, and practice, and creates a community that enhances future bioethics research by Scholars and Alumni/ae. Applicants must hold a faculty appointment that allows at least 50 percent of their effort to perform research (often this is a faculty position with at least a 60 percent appointment in a tenure-track position or its equivalent). Priority will be given to applicants who have not yet been considered for tenure or an equivalent promotion; whose research will have an impact on clinical, biomedical, and public health decision-making, policy, and practice; and who will make important contributions to the field of bioethics over their careers. Only **one** application is allowed per round.

Internal deadline: Preproposal due in InfoReady by August 21 ([template](#))

Sponsor deadlines: September 18 – LOI; January 8 – Full application by invite

Limited Submission: [University Consortium for Applied Hypersonics \(UCAH\) Project Call](#) The Office of the Under Secretary of Defense (OUSD), Research and Engineering (R&E) Joint Hypersonics Transition Office (JHTO), in partnership with Texas A&M Engineering Experiment Station (TEES) and the UCAH, is soliciting for Prototype Project Proposals (PPPs) supporting projects that will accelerate hypersonics technology development, develop the nation's future hypersonics workforce, and facilitate the transition of ready technologies into operational capabilities. The project topics include: TOPIC 1: Thermal Energy Harvesting; TOPIC 2: Implementation and Validation of Navigation, Guidance, and Control Algorithms; TOPIC 3: Controllable Propellants and Energetics; TOPIC 4: Low Cost Ground and Flight Testing Enablers; and TOPIC 5: Novel Aperture and Radome Designs for High-Mach Operation. Only **three** applications are allowed.

Internal deadline: Preproposal due in InfoReady by August 21 ([template](#))

Sponsor deadlines: September 11 – LOI; November 1 – Proposal

2. **Selected Funding Opportunities:**

[NSF Dear Colleague Letter: International Multilateral Partnerships for Resilient Education and Science System in Ukraine \(IMPRESS-U\)](#) The goals of the partnership initiative are to: (1) support excellence in science and engineering research, education, and innovation through international collaboration and (2) promote and catalyze integration of Ukrainian researchers in the global research community. With this initiative, OISE invites visionary, ambitious, high quality collaborative research proposals that address scientific or technical challenges

in any field of science, engineering, or education and require an international collaboration. Each proposal must engage researchers from the U.S., Ukraine, and at least one other country involved in this initiative. Priority will be given to projects that propose: (a) creative ways for enhancing efficiency and resiliency of international partnerships; (b) efficient concepts to prepare an internationally engaged research community and technical workforce; and (c) efficient and significant contributions to build a modern, state-of-the-art research, education and innovation ecosystem in Ukraine. Deadline: On-going

[NIH Academic-Industrial Partnerships \(AIP\) to Translate and Validate In Vivo Imaging Systems \(R01\)](#) Through this Notice of Funding Opportunity (NOFO), the National Cancer Institute (NCI) intends to stimulate translation of scientific discoveries and engineering developments in imaging, data science and/or spectroscopic technologies into methods or tools that address contemporary problems in understanding the fundamental biology, potential risk of development, diagnosis, or treatment of cancer. A distinguishing feature of each application to this NOFO will be formation of an academic-industrial partnership: a strategic alliance of academic and industrial investigators who work together as partners to identify and translate a technological solution for mitigation of a cancer (or other disease-related) problem. In this sense, the NOFO acts more as a funding mechanism for driving translational research in imaging than for a specific scientific or clinical research area. Deadline: October 5

[NIH Personal Health Informatics for Delivering Actionable Insights to Individuals \(R01\)](#) The purpose of this Notice of Funding Opportunity (NOFO) is to advance the development of novel informatics and data science approaches that can help individuals understand and improve their health through actionable insights. The NLM and participating institutes listed in this NOFO seek applications that further the science of personal health informatics by providing meaningful and actionable insights to individuals through innovative personal health data collection, integration, analysis, and personalized risk assessments and interpretation. Deadline: October 5

[NIH Elucidating Variability of Physiologic and Functional Responses to Exercise Training in Older Adults \(R01\)](#) This NOFO encourages studies that identify systemic modulators, biomarkers, and other potential mechanisms underlying exercise variation in outcomes that are clinically relevant for older adults. Additionally, this NOFO encourages transdisciplinary studies utilizing innovative design methods and analytical approaches combined with clinical phenotyping to disentangle the complicated relationships between endogenous and exogenous factors that drive response variation to exercise. Deadline: November 3

[NIH Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets \(R03\)](#) Many valuable and widely available data sets have been generated by multiple Common Fund programs. The purpose of this NOFO is to announce the availability of funding to demonstrate and enhance the utility of selected Common Fund data sets, including generating hypotheses and catalyzing discoveries. Award recipients are asked to provide feedback on the utility of the Common Fund data resources. Deadline: November 17

[NIH Feasibility Trials of the NIH Music-based Interventions Toolkit for Brain Disorders of Aging \(R34\)](#) The purpose of this Notice of Funding Opportunity (NOFO) is to support proof-of-concept feasibility trials guided by the NIH Music-based Interventions (MBI) Toolkit for research on brain disorders of aging. These early phase clinical trials will generate evidence supporting the validity of the NIH MBI Toolkit's guiding principles as well as the necessary pilot data to design a subsequent clinical efficacy or effectiveness study (or pragmatic clinical trial) using music-based interventions in the context of brain disorders of aging, including but not limited to Alzheimer's disease and Alzheimer's disease-related dementias, Parkinson's disease, and stroke. The data collected should address gaps in scientific knowledge in order to facilitate development of a competitive large-scale clinical trial. Deadline: October 20

[DOD-DARPA Assured Microbial Preservation in Harsh Or Remote Areas \(AMPHORA\)](#) Emerging infectious disease hotspots are expected to increase globally within the next 50 years. While technology has advanced agnostic lab-based testing, agnostic sample preservation still relies on antiquated cold chain transport that is difficult to acquire and often unreliable in remote, austere, and contested environments. Thus, samples critical to force health protection are significantly degraded upon lab receipt. The AMPHORA program will decouple

sample preservation from cold chains enabling cold chain free storage and viability maintenance in austere and remote environments. AMPHORA systems will stabilize a broad range of bacteria, fungi, and viruses, preserving multiple samples in parallel, and ensuring samples are compatible with downstream analyses. Preservation systems will be rigorously tested using contrived and real-world samples to demonstrate real-world capability and generalizability. Deadlines: August 24 – Abstract; October 4 – Full proposal

[USDA-NIFA Yellow Ribbon Reintegration Program Youth Support and Internship Program](#) The U.S. Department of Agriculture National Institute of Food and Agriculture in support of the U.S. Department of Defense Yellow Ribbon Reintegration Program requests new applications for the Youth Support Internship Program for fiscal year 2023 from Land-grant Universities and Colleges to design and administer a nation-wide internship program that engages college students motivated to serve the needs of National Guard and Reserve Component military families. Deadline: September 5

[USDA-NIFA 4-H Military Extension Educator Program](#) For more than four decades, the U.S. Department of Defense (DoD) and the U.S. Department of Agriculture National Institute of Food and Agriculture have partnered so that Land-grant Universities and Colleges can offer 4-H programming to military-connected youth and professional development and technical assistance to DoD Child and Youth Programs (CYP) staff. Deadline: September 5

3. **Other:**

[DoED IES Hosts Summer Virtual Office Hours for Grant Applicant Technical Assistance](#)

****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.