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 OOR will notify the PI(s) that an internal competition will be unnecessary. Questions should be addressed to EVPRPlimited@purdue.edu.

    Limited Submission: **[DOE-OS Atmospheric System Research (ASR)](.)** The goal of ASR is to quantify the interactions among aerosols, clouds, precipitation, and radiation to improve understanding of key cloud, aerosol, precipitation, and radiation processes that affect the Earth's radiative balance and hydrological cycle, especially processes that limit the predictive ability of regional and global models. For the most part, ASR investments are based on measurements of radiation, aerosols, clouds, precipitation, thermodynamics, turbulence, and state variables from the ARM user facility. Applicant institutions are limited to no more than ***three*** applications as the lead institution.

    Internal deadline: Preproposal due in InfoReady by November 6 ([template](.))

    Sponsor deadlines: November 30 – Pre-application; February 13 - Application

2. **Selected Funding Opportunities**:

    [NSF Transport Phenomena Research at the International Space Station to Benefit Life on Earth (NSF-ISS)](.) CBET is partnering with The Center for the Advancement of Science in Space, Inc. (CASIS) to solicit research projects in the general field of fluid dynamics, particulate and multiphase processes, combustion and fire systems, thermal transport processes, and nanoscale interactions that can utilize the International Space Station (ISS) National Lab to conduct research that will benefit life on Earth. Deadline: March 4

    [NSF Innovative Technology Experiences for Students and Teachers Resource Center (ITEST RC)](.) The Innovative Technology Experiences for Students and Teachers (ITEST) program is an applied research and development program that seeks to actualize a diverse future STEM (science, technology, engineering, and mathematics) and ICT (information and communication technologies) workforce that is prepared to meet pressing local, societal, and global challenges. This solicitation calls for a Resource Center for the ITEST program. The Resource Center will support diverse, multi-sector stakeholders in actualizing the three pillars of ITEST: (1) strategies for equity in STEM education, (2) partnerships for career and workforce preparation, and (3) innovative use of technologies in teaching and learning. It is expected that this Resource Center will facilitate individual and collective dialogue, reflection, and action relative to these pillars, while supporting stakeholders in the conceptualization, actualization, and communication of ITEST projects. Deadline: January 22

    [NSF Dear Colleague Letter: ANR - NSF/MCB/PHY Lead Agency Opportunity at the Molecular and Cellular Biosciences - Physics Interface](.) This Dear Colleague Letter announces a lead agency opportunity whereby collaborative proposals between U.S. and French researchers are submitted to only the lead agency for review, and the partner agency accepts that review. Based on the lead agency review of collaborative proposals, NSF

and ANR will make funding decisions to support meritorious collaborative projects. The lead agency opportunity allows for reciprocal acceptance of merit review through standard proposal submission mechanisms with the goal of reducing some of the current barriers to international collaborations. Deadline: December 12

[*NSF Dear Colleague Letter: Capacity Building to Catalyze Collaborations to Address Climate Change Impacts on Human Health (C2H2)*](#) This Dear Colleague Letter (DCL) encourages submission of proposals and supplemental funding requests focused on addressing the serious issue of the human health impacts resulting from climate change and downstream impacts from climate mitigation strategies. Deadline: Varies

[*NIH NIDCD Low Risk Clinical Trials in Communication Disorders (R01)*](#) The NIDCD is committed to identifying effective interventions for the diagnosis, prevention, or treatment of communication disorders by supporting well-designed and well-executed clinical trials. This funding opportunity announcement (FOA) supports investigator initiated low risk clinical trials addressing the mission and research interests of NIDCD. Deadline: February 5

[*NIH Information and Practice Needs Relevant to Late Talking Children (R21)*](#) This initiative seeks to support activities to better understand early language learning and delay. NIH TALK invites applications for research projects that aim to better understand the information and practice needs of caregivers, professionals, and other invested parties who support late talking children and to determine whether those needs are being effectively met. Deadline: On-going

NIH Advancing Hearing and Balance Research Using Auditory and Vestibular Organoids The purpose of this NIDCD initiative is to encourage research in the development, characterization, and reproducibility/reliability of human auditory and vestibular organoids. Applications investigating animal organoids are allowable but only if accompanying comparative or other integrated companion studies with human organoids. Singular animal organoid studies alone are not responsive to this funding opportunity. This funding opportunity encourages innovative, reproducible, and novel methodologies and technologies that will drive the reproducibility and holistic longevity of hearing/balance sensory organoids as model systems.
- [*R01*](#) Deadline: February 5
- [*R21*](#) Deadline: February 16

[*DOD BAA for the Protection of Deployed Military Personnel from Threats Posed by Arthropod Disease Vectors*](#)
The AFPMB is soliciting pre-proposals for original, innovative research designed to develop new interventions to protect deployed U. S. Department of Defense (DoD) personnel from medically relevant pests, including arthropod disease vectors of mosquito-borne arboviruses and tick-borne pathogens, as well as fly-borne bacterial pathogens. Deadline: December 12 – White paper

[*USDA-NIFA Specialty Crop Research Initiative (SCRI)*](#) The purpose of the Specialty Crop Research Initiative (SCRI) program is to address the critical needs of the specialty crop industry by awarding grants to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture, including conventional and organic food production systems. Projects must address at least one of five focus areas: Research in plant breeding, genetics, genomics, and other methods to improve crop characteristics; Efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators; Efforts to improve production efficiency, handling and processing, productivity, and profitability over the long term (including specialty crop policy and marketing); New innovations and technology, including improved mechanization and technologies that delay or inhibit ripening; or Methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production efficiency, handling and processing of specialty crops. There are three project types: Standard Research and Extension Projects (SREP); Coordinated Agricultural Projects (CAP); and Research and Extension Planning Projects. Deadline: December 8

[USDA-NIFA Food and Agriculture Service Learning Program](#) The purpose of the Food and Agriculture Service Learning Program is to increase the knowledge of agricultural science and improve the nutritional health of children. The program's goal is to increase the capacity for food, garden, and nutrition education within host organizations or entities, such as school cafeterias and classrooms, while fostering higher levels of community engagement between farms and school systems by bringing together stakeholders from distinct parts of the food system. The initiative is part of a broader effort to not only increase access to school meals for low-income children, but also to dramatically improve their quality. Deadline: December 7

[NASA-ROSES CYGNSS Competed Science Team](#) This ROSES element aims to support the use of the ocean and land data products from CYGNSS, either individually or together, for scientific investigations and end-user applications. Successful proposers will become members of the Competed CYGNSS Science Team. Deadline: December 7 – Step 1; January 23 – Step 2

[NASA-ROSES CYGNSS for Action: Phase-1 Studies](#) This ROSES element solicits proposals to perform one-year studies to develop an implementable strategy to link the data and capabilities from the Cyclone Global Navigation Satellite System (CYGNSS) mission to external stakeholders for use in their decision support methods. These studies will serve as the first phase of a two-phase process. Deadlines: December 4 – Step 1; January 17 – Step 2

[NEH Humanities Research Centers on Artificial Intelligence](#) The purpose of this program is to create new humanities research centers on AI at eligible institutions. Centers must focus their scholarly activities on exploring the ethical, legal, or societal implications of AI, as outlined by the 2023 National Artificial Intelligence Research and Development Strategic Plan. Centers should include scholars from multiple disciplines, but they must be led by scholars in the humanities or humanistic social sciences. NEH is particularly interested in Centers that explore the impacts of AI-related technologies in the areas of equity, privacy, or civil rights. Deadline: February 14

3. **Anticipated Funding Opportunities**

[NIH Notice of Intent to Publish a Funding Opportunity Announcement for Centers of Excellence for Translational Research (CETR) (U19)](#)

[DOE Notice of Intent for IEDO Fiscal Year 2024 Cross-Sector Technologies FOA](#)

4. **Other:**

[NSF Fall 2023 Virtual Grants Conference:](#) SAVE THE DATE – December 4-7. Registration will open November 8.

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.