

Please see below for a partial list of funding opportunities.

PLEASE NOTE: Pivot 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](#).

****** To receive this newsletter directly to your inbox, please sign up for the listserv by emailing listserv@lists.purdue.edu. Leave the subject blank and in the message body type: subscribe Weeklyfundingopps [your_first_name] [your_last_name]. Only *purdue.edu* e-mail addresses will be accepted. ******

Please contact Sue Grimes (sgrimes@purdue.edu) with any questions.

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: [DOC-NIST FY2024 CHIPS R&D National Advanced Packaging Manufacturing Program \(NAPMP\) Materials & Substrates](#) NAPMP seeks to drive U.S. leadership in advanced packaging and provide the technology and skilled workforce needed for packaging manufacturing in the United States. Project activities are expected to include, but not necessarily be limited to, basic and applied research, substrate and demonstration device development and production, commercial viability and domestic production preparation, integrated education and workforce development and pilot-level substrate production. This NOFO seeks applications relevant to one or more of the following technical areas: TA1 - Organic; TA2 - Glass; and TA3 – Semiconductor-based. A webinar will be held on March 1 and a proposers day on March 12. Only **one** submission is allowed as lead and only **two** submissions are allowed as sub.

Internal deadline: Contact OORLimited@purdue.edu by March 7 if interested in this opportunity as lead or sub

Sponsor deadline: April 12 – Concept paper; July 3 – Full application

2. **Selected Funding Opportunities:**

[NSF Ideas Lab: Use-Inspired Acceleration of Protein Design \(USPRD\)](#) USPRD aims to advance protein design and its applications to the next level by:

A. Accelerating the use of protein design technologies to enable applications beyond human therapeutics, e.g., applications to advanced materials, biomanufacturing, agriculture and food security, environmental remediation, sustainability, and climate-related challenges; and B. Extending the range of accurate prediction models to enable the design of enzymes and families of enzymes. This will require models and tools that account for the dynamic nature of protein structures. There are two tracks: **Track I.** Use-driven application for small binders; and **Track II.** The design and use of enzymes and families of enzymes. Deadlines: April 23 – Preliminary proposal; August 30 – Full proposal

[NSF Next Era of Wireless and Spectrum](#) This program seeks to develop the intellectual capital enabling the U.S. to smoothly and quickly transition to effective new ways of using and managing the radio and optical spectrum after the end of the current spectrum era of long-term exclusive-use license auctions, thereby sustaining and

advancing the social, economic, scientific, and U.S. national leadership benefits derived from the electromagnetic spectrum. Deadline: May 28

[NSF Dear Colleague Letter: Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SoS:Bio\)](#) SoS:Bio encourages proposals that will advance understanding of the biomedical research enterprise by drawing from the expertise of the Science of Science research community. Research can draw from a variety of social science disciplines and use a breadth of methodologies and theories to address important Science of Science research questions relevant to biomedical research – from discovery to impact. The SoS:Bio program will also consider proposals designed to create and provide access to datasets on important Science of Science topics that will enable research questions to be answered. Deadline: September 9

[NSF Dear Colleague Letter: NSF INCLUDES Research Experience and Mentoring \(REM\) Supplemental Funding Opportunities](#) The NSF INCLUDES Initiative, in collaboration with the REM program, will support costs associated with bringing a cohort of high school students, STEM middle school and high school teachers, undergraduate students, faculty from non-research intensive institutions, and/or veterans to be engaged as Research Participants in a microelectronics research environment, in alignment with REM program guidance. Deadline: April 10

[NIH Long-Term Effects of Disasters on Healthcare Systems in Populations with Health Disparities \(R01\)](#) The purpose of this Notice of Funding Opportunity (NOFO) is to support collaborative research focused on understanding the long-term effects of natural and/or human-made disasters on health care systems serving populations that experience health disparities living in the U.S. and its territories. Deadline: June 5

[NIH NIDCD Early Career Research \(ECR\) Award \(R21\)](#) The NIDCD Early Career Research (ECR) Award (R21) is intended to support both basic and clinical research from scientists who are beginning to establish an independent research career. It cannot be used for thesis or dissertation research. The research must be focused on one or more of the areas within the biomedical and behavioral scientific mission of the NIDCD: hearing, balance, smell, taste, voice, speech, or language. Deadline: June 18

[NIH Translational Neural Devices \(R61/R33\)](#) The purpose of this NOFO is to encourage investigators to pursue translational activities and small clinical studies to advance the development of low risk therapeutic and diagnostic devices for disorders that affect the nervous or neuromuscular systems. Activities supported in this program include implementation of clinical prototype devices, non-clinical safety and efficacy testing, design verification and validation activities, obtaining Institutional Review Board (IRB) approval for a Non-Significant Risk (NSR) study (R61 phase), as well as a subsequent small clinical study (R33 phase). Deadline: May 29

[NIH Consortium for Palliative Care Research Across the Lifespan \(U54\)](#) The goals of this initiative include generating new scientific knowledge, in part through supporting pilot and exploratory studies; fostering development of early- and mid-career palliative care investigators; serving as a national platform to provide research resources and facilitate high-quality palliative care research; engaging healthcare systems and community-based organizations as research partners and settings for palliative care research; and disseminating research findings, best practices, data, and other impactful resources to the palliative care research and clinical communities. An important focus of the Consortiums work will be on facilitating research to understand and address disparities in access, quality, and use of palliative care services for health disparities populations or in underserved areas. Deadline: July 2

[DOD Multidisciplinary Research Program of the University Research Initiative \(MURI\)](#) DoD's MURI program addresses high-risk basic research and attempts to understand or achieve something that has never been done before. Participating DOD offices include the [Office of Naval Research \(ONR\)](#), the [Army Research Office \(ARO\)](#), and the [Air Force Office of Scientific Research \(AFOSR\)](#). Deadline: September 6

[**DOD-DARPA QUAntum Materials Engineering using eLEctrOmagNetic fields \(QUAMELEON\)**](#) This ARC Opportunity is soliciting ideas to explore the following question: How can engineered light-matter coupling be used to control or enhance quantum materials by harnessing vacuum effects or few-photon external drives? This ARC opportunity seeks to push the boundaries of optical control of solid-state materials, extending established Floquet engineering techniques to regimes where material properties can meaningfully be changed by electromagnetic fields at the few-photon level or by cavity-enhanced vacuum modes, including new phases of matter and out-of-equilibrium effects. Of particular interest are systems where engineered light-matter coupling can be used to enhance or quantify the inter-particle interactions and correlations in a material. Deadline: On-going through June 3

[**NASA-ROSES Earth Action: Wildland Fires**](#) This program element is seeking proposals for innovative solutions that leverage Earth observations to support some aspect of wildland fire management and related decision making in a sustained manner. Proposals submitted to this program element may address activities within individual phases of the fire life cycle (pre-, active, or post-fire) or span multiple phases. Projects should be focused on and framed around problems and challenges faced by one or more of the partners. Deadlines: April 8 – NOI; May 24 - Proposal

[**DoED Fulbright-Hays Faculty Research Abroad \(FRA\) Fellowship Program**](#) The Fulbright-Hays FRA Fellowship Program provides grants to colleges and universities to fund fellowships for faculty members seeking to improve their area studies and foreign language skills by conducting research abroad. The program is designed to contribute to the development and improvement of the study of modern foreign languages and area studies in the United States. Deadline: April 23

[**DoED Preservice Improvement Enhancement Grants to Support Related Service Providers to Effectively Serve Children with Disabilities and Their Families**](#) The purposes of this program are to (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants, toddlers, and youth with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research, to be successful in serving those children. Deadline: May 1

[**ASPCA 2024 Research Grants**](#) The ASPCA has opened submissions for our 2024 Research Grants, offering approximately \$440,000 (through multiple grants) to support research benefiting animals directly or systemically. We're particularly interested in research focusing on any of the following topics: access to veterinary care, applied behavior, cruelty research, farm animal welfare, and/or psychological trauma. Deadline: June 30

3. Anticipated Funding Opportunities

[**DOE Notice of Intent \(NOI\) to issue Funding Opportunity Announcement \(FOA\) titled "Concentrating Solar Flux to Heat and Power"**](#)

Forecasted: [**NEH Institutes for Advanced Topics in the Digital Humanities**](#)

Forecasted: [**NEH Institutes for Higher Education Faculty and K-12 Educators**](#)

Forecasted: [**NEH Landmarks of American History and Culture**](#)