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

1. **Limited Submissions:**

Preproposals should be submitted via Purdue's InfoReady portal (<https://purdue.infoready4.com/>). 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 OORlimited@purdue.edu.

Limited Submission: [Gabrielle's Angel Foundation](#) Gabrielle's Angel Foundation provides financial support to promising physician scientists, who are applying novel and state-of-the-art techniques to address fundamental problems in the genesis and treatment of blood related cancers. The Foundation is committed to funding innovative, translational proposals and to supporting promising independent early-career investigators, rather than well-established, senior scientists. Eligible applicants are tenure track Assistant Professors (*Associate Professors may apply for *Integrative projects* only*). Conventional project applicants must be within five years of their current position. Projects will be funded for a three-year period at \$75,000.00 per year. Purdue can submit **two** nominations – **one** for conventional research and **one** for integrative research.

Internal deadline: Preproposal due in InfoReady by July 1 ([template](#))

Sponsor deadline: August 16

Internal Coordination Required: [DOC-NIST FY2024 CHIPS for America](#) The purpose of the CHIPS Research and Development (R&D) programs is to advance the development of semiconductor technologies and to enhance the competitiveness of the U.S. semiconductor industry. The CHIPS R&D programs address five cross-cutting issues that were identified through interactions with stakeholders and include: Access to facilities and equipment for late-stage R&D and prototyping; Advanced packaging and testing; Advanced metrology and characterization; Advanced manufacturing technology; and Workforce development. NIST will release a series of NOFOs under this program and it is anticipated that most, if not all, will be limited submission, including those where Purdue is a sub-awardee. **Based on the complexity of this program, all submissions involving Purdue as a participant will be coordinated through OOR at all stages (white paper and full submissions) including those participating as a sub-awardee.**

Internal deadline: Contact OORlimited@purdue.edu if interested in participating in any of these NIST opportunities

Sponsor deadline: On-going

Internal Coordination Required: [Expression of Interest for NSF ERC Needs Assessment and Consideration of Strategic Support](#) In preparation for the upcoming round of the [NSF Gen-4 Engineering Research Center \(ERC\) program](#), the Purdue Office of Research (OOR) and College of Engineering (CoE) invite you to submit an expression of interest by **July 28**. This Expression of Interest (EOI), while **optional, is highly recommended** for proposing ERC teams. An internal review panel will provide critical feedback, and teams will be selected to receive support for strategic research development. We highly recommend that all interested teams submit the EOI, as this will enable better support to help position teams for success. CoE and OOR recently cohosted an internal **NSF ERC Strategies Webinar** to review the upcoming Gen-4 ERC solicitation ([NSF 24-576](#)) and address

questions from potential ERC principal investigators and team members. You can view the webinar and slides here [ERC Strategies Webinar 6.12.24](#). For questions, please contact Brettley Ross at EngrResearch@purdue.edu.

2. Selected Funding Opportunities:

NIH Research Opportunities in Crisis Response Services for Suicide Prevention This NOFO encourages research examining the effectiveness and implementation of crisis response services, approaches to improve the quality and outcomes of services, and the impact of state and local policy on implementation and outcomes. Research is sought that is conducted in real-world settings, where a wide range of clinical presentations, psychosocial factors, age-related characteristics (e.g., youth; adult; older adult), geographic context (rural/remote settings), racial/ethnic and cultural considerations, and health disparities influence the types of care that are provided. Studies are encouraged that address the continuum of crisis service systems.

- [R01](#) Deadline: October 1
- [R34](#) Deadline: October 1

NIH Mechanisms of Reciprocal Interactions between HIV Associated Neuroinflammation and CNS Persistence: Implications in HIV Neuropathogenesis and Cure The goal of this NOFO is to examine mechanisms of reciprocal interactions between HIV-associated neuroinflammation and central nervous system (CNS) HIV persistence. In particular this NOFO encourages research focused on defining the role and mechanisms of defective proviruses, HIV proteins and/or nucleic acids in inducing inflammation, immune activation and CNS co-morbidities.

- [R01](#) Deadline: November 8
- [R21](#) Deadline: November 8

NIH Summer Research Education Experience Program (R25) The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this NOFO will support creative educational activities with a primary focus on **Research Experiences** for high school students, undergraduate students, and/or high school science teachers during the summer academic break. Deadline: March 18

NIH Enhancing Mechanistic Research on Precision Probiotic Therapies (R61/R33) The purpose of this notice of funding opportunity (NOFO) is to support highly innovative mechanistic research to accelerate precision probiotic interventions using a milestone-driven, biphasic award mechanism, R61/R33 Phased Innovation Award. Specifically, this NOFO solicits applications that will characterize person-specific features affecting probiotic responses to identify subgroups of probiotic responders and to enhance probiotic clinical outcomes. The ultimate goal of this NOFO is to identify, understand, and develop strategies to address barriers in precision probiotic therapies to account for the heterogeneity in humans that causes inconsistent probiotic responses. Deadline: October 1

NIH Mechanisms of Inducing HIV Immunity in Early Life (MIEL) (U01) The purpose of this NOFO is to support basic and applied research to define the mechanisms for establishing, developing and maintaining immunity to HIV in early life (from birth to less than 12 years of age), including the impact of prophylactic vaccination and broadly neutralizing HIV antibodies (bNAbs) to protect against acquisition of HIV infection. Deadline: October 9

NIH Notice of Special Interest (NOSI): Advancing Diet and Physical Activity Biomarkers for Assessing Lifestyle Interventions in Cancer Prevention and Cancer Interception Research This Notice of Special Interest (NOSI) is to support applications improving diet and/or physical activity assessment biomarker development for evaluating lifestyle-based cancer prevention and interception approaches across diverse settings. Multiple principal investigator structured applications with the appropriate expertise are encouraged to apply. Preclinical and pilot human studies assessing baseline and recovery biomarkers for dietary intake, nutritional status, and/or physical activity intervention(s) as complementary exposures are important for early cancer prevention and its interception in high-risk individuals or groups. Deadline: Varies by target NOFO

DOD-CDMRP Neurofibromatosis Research Program (NFRP) The vision of the FY24 NFRP is to decrease the clinical impact of neurofibromatosis (NF). Toward this end, the NFRP promotes research directed toward the understanding, diagnosis, and treatment of NF1, NF2, and schwannomatosis to enhance the quality of life for persons with these disorders that impact Service Members, Veterans, and the general public. The sole mechanism for 2024 is Neurofibromatosis Research Academy-Leadership Award. Deadlines: August 22 – Pre-application; September 12 – Application

NASA-ROSES Heliophysics U.S. Participating Investigator The Heliophysics U.S. Participating Investigator (H-USPI) program element solicits potential Heliophysics investigations in which investigators participate as a Co-Investigator (Co-I) for an instrument, experiment, or technology demonstration that is being built and flown by a sponsor agency other than NASA. A proposed investigation as an H-USPI on a non-NASA mission or instrument may take any form that clearly and demonstrably enhances the scientific output of the mission, benefits the U.S. scientific community, and enables the U.S. heliophysics science community access to a highly valued scientific data set. Deadlines: January 29 – Step 1; April 9 – Step 2

NASA Early Career Faculty (ECF) (see appendix B1) ECF is focused on supporting outstanding faculty researchers early in their careers as they conduct space technology research of high priority to NASA's Mission Directorates. The Principal Investigator (PI) must be an untenured Assistant Professor on the tenure track at the sponsoring U.S. university at the time of award. Deadlines: July 15 – Preliminary proposal; October 24 - Proposal

DoED-IES NCER From Seedlings to Scale Through this program, IES will invest in innovative products, policies, and processes within an identified focus area through three phases of increasing funding and time duration to support ideas as they grow from seedlings to scalable solutions. For the FY 2025 competition, NCER will consider only applications that address the following topic: Phase One projects for the Seamless Personalized Education Experiences Delivered at Scale (SPEED at Scale) focus area. The SPEED at Scale focus area aims to develop innovative solutions that allow teachers to seamlessly provide personalized instruction for PreK–12 grade students. Deadline: August 15

DoED-IES NCER Research Networks Focused on Critical Problems of Education Policy and Practice For the FY 2025 competition, NCER will only consider applications that address the following topic: Æ Accelerate, Transform, Scale (ATS) Initiative Hub. The ATS Initiative supports education R&D to create scalable solutions to improve education outcomes for all learners and eliminate persistent achievement and attainment gaps. The ATS Initiative Hub will support the establishment of new ATS Initiative programs and provide high level support to IES in coordinating existing programs that fall under this new initiative. Deadline: August 15

FFAR Harvest for Health Breakthrough Crop Challenge While underutilized crops have incredible functional and nutritional potential, the development of such crops for consumption or use in other products is prohibitively expensive and time-intensive. To attract more private sector investment in underutilized crop development, Harvest for Health is launching the Breakthrough Crop Challenge to develop a predictive model that can screen underutilized crops to determine a crop's usefulness as a source of functional ingredients or nutrients. The Challenge consists of two parts: Seed Funding and Predictive Model and Validation. This Deadline: August 7

FFAR Rapid Outcomes from Agricultural Research The Rapid Outcomes from Agricultural Research (ROAR) program deploys urgent funding to support research and outreach in response to emerging or unanticipated threats to the nation's food supply or agricultural systems. ROAR applications are subject to a rigorous scientific review process and matching funding requirements. We encourage applicants to form broad-based coalitions to increase research collaboration and maximize the adoption of new knowledge and practices by the agriculture sector. Deadline: On-going

Sloan Research Fellowships The Sloan Research Fellowship Program recognizes and rewards outstanding early-career faculty who have the potential to revolutionize their fields of study. Candidates must hold a Ph.D. or equivalent degree in chemistry, computer science, Earth system science, economics, mathematics,

neuroscience, physics, or a related field and be tenure-track, though untenured, as of September 15 of the nomination year. Candidate's faculty position must carry a regular teaching obligation. In order to be considered for a Sloan Research Fellowship, a candidate must have a letter of nomination from a department head or other senior researcher. Successful candidates for a Fellowship generally have a strong record of significant independent research accomplishments that demonstrate creativity and the potential to become future leaders in the scientific community. Nominated candidates are normally several years past the completion of their Ph.D. in order to accumulate a competitive record of independent, significant research. **More than one candidate from a department may be nominated per fellowship field, but no more than three.** **Coordinate with department for nomination** Deadline: Nominations accepted between July 15 and September 15

3. Anticipated Funding Opportunities

[*NIH Notice of Intent to Publish a Funding Opportunity Announcement for Facilitating Preclinical and Early Phase Human Studies for New Therapeutics \(UG3/UH3\)*](#)

4. Other:

[*CASA-Bio announces six Advancement Workshops*](#) 'Catalyzing Across Sectors to Advance the Bioeconomy (CASA-Bio) was inspired by the Executive Order (EO) on Advancing Biotechnology and Biomanufacturing Innovation for a Sustainable, Safe, and Secure American Bioeconomy. Released by the White House in September of 2022, the EO laid out a grand vision to advance biotechnology and biomanufacturing through foundational and use-inspired research and development in five thematic areas (EO Bioeconomy Themes): climate change, food and agriculture, supply chain resilience, human health, and cross cutting areas to advance all these areas. Moreover, the EO called for this vision to be enabled by collaboration among government, industry, the private sector, and public sector researchers. CASA-Bio is a collaborative, facilitated activity involving stakeholders from federal funding agencies, industries, non-profits, and the public sector research community. The overall goal is to give life to the vision of the Bioeconomy EO by seeking synergy through collaboration in areas of mutual interest.'

[*NSF Dear Colleague Letter: Sunsetting the NSF-NIST Disaster Resilience Research Grants \(DRRG\) Funding Opportunity*](#)

[*DOD-ONR Focus Area Forum Research for the Naval Domain*](#) This announcement describes an Office of Naval Research [Code 35](#) Air Warfare & Weapons Focus Area Forum Research for the Naval Domain to initiate discussions with current and potential future performers within the government, academia, research centers and industry under the [N0001424SB001](#), Long Range Broad Agency Announcement for Navy and Marine Corps Science and Technology ONR will hold a Focus Area Forum on 11 July 2024 from 0900 to 1600 Eastern Daylight Time (EDT) at the Hyatt Regency Crystal City, 2799 Richmond Highway, Arlington, VA. This event includes opportunities to submit white papers and conduct one-on-one discussions with Code 35 Program Officers. There is no registration fee for participation but Advanced Registration is Required. The deadline for Advanced Registration is 1200 EDT on 08 July 2024.