

Please see below for a partial list of funding opportunities of interest to faculty and full-time research staff. **The list is not intended for students.**

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 Weeklyfundingopp [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: [NSF Regional Innovation Engines \(NSF Engines\)](#) The NSF Regional Innovation Engines (NSF Engines) program creates regional-scale, technology-driven, inclusive innovation ecosystems throughout the United States by accelerating key technologies, addressing regional, national, societal, and/or geostrategic challenges, driving economic growth, creating and retaining quality jobs, expanding equitable pathways into careers, and strengthening national competitiveness and security. Each NSF Engine represents a formal coalition of regional partners, led by a full-time Chief Executive Officer (CEO), tasked to carry out an integrated and comprehensive set of activities spanning use-inspired research, translation of innovation to practice, entrepreneurship, workforce development, community engagement, and ecosystem building, to nurture and accelerate the growth of regional innovation ecosystems grounded in technological innovation and regional, national, societal, and/or geostrategic challenges. A webinar will be held on April 25 at 2PM ET. [Registration](#) is required. Only **one** submission is allowed as lead.

Internal deadline: Preproposal due in InfoReady by May 13 ([template](#))

Sponsor deadlines: June 18 – LOI; August 6 – Preliminary proposal; February 11 – Full proposal by invite

Limited Submission: [DHS Fiscal Year 2024 Targeted Violence and Terrorism Prevention Grant Program](#) The TVTP Grant Program provides financial assistance, training, and resources to eligible applicants. These grants enable recipients to develop sustainable, multidisciplinary TVTP capabilities in local communities, pilot innovative prevention approaches, and identify prevention best practices that can be replicated in communities across the country. There are two tracks: *Innovation Project Track* and *Promising Practices Project Track*. Only **one** application is allowed per track.

Internal deadline: Preproposal due in InfoReady by April 29 ([template](#))

Sponsor deadline: May 17

Limited Submission: [NIH Team-Based Design in Biomedical Engineering Education \(R25\)](#) 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. This FOA targets the education of undergraduate biomedical engineering/bioengineering students in a team-based environment. Health equity and universal design topics must be integrated throughout the educational activities. Only **one** application is allowed per institution.

Internal deadline: Preproposal due in InfoReady by May 6 ([template](#))

Sponsor deadline: May 30

Limited Submission: [NEA Our Town](#) Our Town is the NEA's creative placemaking grants program. Through project-based funding, the program supports activities that integrate arts, culture, and design into local efforts that strengthen communities over the long term. Our Town projects engage a wide range of local stakeholders in efforts to advance local economic, physical, and/or social outcomes in communities. Competitive projects are responsive to unique local conditions, develop meaningful and substantive engagement in communities, center equity, advance artful lives, and lay the groundwork for long-term systems change. Cost-sharing is required as a 1:1 match. Only **two** submissions are allowed as lead.

Internal deadline: Preproposal due in InfoReady by May 13 ([template](#))

Sponsor deadline: August 15

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

2. Selected Funding Opportunities:

[NSF Dear Colleague Letter: Joint National Science Foundation and United States Department of Agriculture National Institute of Food and Agriculture Funding Opportunity: Supporting Foundational Research in Robotics \(FRR\)](#) NSF's FRR program, jointly led by the Directorate for Engineering (ENG) and the Directorate for Computer and Information Science and Engineering (CISE), supports research to create innovative robots with unprecedented new functionality. USDA/NIFA has the mission to provide leadership and funding for programs that advance agriculture-related sciences. Proposals submitted under this Dear Colleague Letter (DCL) should present a compelling vision for pioneering robots with transformative potential in agricultural contexts. Deadline: On-going

[NIH Interventions to Reduce Sleep Health Disparities \(R01\)](#) The objective of this funding opportunity is to support non-pharmacological interventions to promote sleep health, reduce sleep health disparities, and examine sleep as a modifiable factor to reduce health disparities for other health outcomes among populations that experience health disparities. Deadline: October 5

[NIH Optimizing Behavioral Sleep Interventions for Adolescents and Young Adults \(R34\)](#) NIMH seeks applications for pilot research to adapt, optimize, and test empirically supported behavioral interventions that address common sleep problems in adolescents and young adults with or at risk for a mental health disorder. Pilot trials should be designed to evaluate the feasibility, tolerability, acceptability, safety, and potential effectiveness of the approach in real world settings, and to conduct a preliminary test of the intervention's impact on target mechanisms and sleep and mental health outcomes, and to obtain preliminary data needed as a prerequisite a larger-scale effectiveness trial. An emphasis is placed on studies that address the needs of youth from understudied and underserved populations. Deadline: October 30

[NIH Human Leukocyte Antigen \(HLA\) and Killer-cell Immunoglobulin-like Receptor \(KIR\) Region Genomics in Immune-Mediated Diseases \(U01\)](#) The purpose of this NOFO is to support research that 1) defines associations between variations in human leukocyte antigen (HLA) and killer cell immunoglobulin-like receptor (KIR) genetic regions and immune-mediated diseases, 2) elucidates mechanisms underlying these associations with the goal of advancing therapeutic opportunities, and/or 3) validates association data in order to improve the predictive power of clinical disease screening. This NOFO requires a Plan for Enhancing Diverse Perspectives (PEDP), which will be assessed as part of the scientific and technical peer review evaluation. Deadline: August 20

[NIH Mentored Quantitative Research Development Award \(Parent K25\)](#) The purpose of this award is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research. Deadline: June 12

[DOD-CDMRP Joint Warfighter Medical Research Program \(JWMRP\)](#) The ultimate goal of the program is to expedite the delivery of highly impactful and effective medical solutions to Service Members and Military Health System (MHS) beneficiaries. 2024 focus areas include: Broad spectrum and/or pathogen agnostic approaches to prevent and/or treat endemic or emerging infectious diseases of high operational impact; Preventative capabilities to promote the Warfighter's physiological and cognitive (1) performance and readiness and (2) injury prevention; Solutions for semi-autonomous or autonomous medical care from point of injury across the continuum of care, including support of triage, prolonged patient care, and transport in contested environments; Virtual/telehealth and decision support with artificial intelligence solutions to provide combat casualty care/prolonged care; and Hemorrhage control and resuscitation solutions, including blood and blood products, and anti-shock therapeutics, to enable delivery of life-saving care across the continuum of care. Deadlines: June 3 – Pre-application; August 29 – Full application by invite

[DOD-CDMRP Military Burn Research Program \(MBRP\)](#) The program seeks to fund clinical research that enhances the ability to provide burn care, with emphasis toward care administered in resource-limited, austere settings consistent with a military operational environment. Mechanisms include: Patient-centered research award; and Technology/therapeutic development award. Deadlines: June 3 – Pre-application; September 9 - Application

[DOD-CDMRP Rare Cancers Research Program \(RCRP\)](#) Congress initiated the RCRP in 2020 to provide support for research of exceptional scientific merit in the area of rare cancers research. Mechanisms include: Concept award; Idea development award; and Resource and community development award. FY24 RCRP definition of rare cancers: Cancers affecting 6 or fewer persons per 100,000 per year in the United States. Deadlines: Vary by mechanism

[DOD-DARPA Hermes](#) DARPA is soliciting innovative proposals to develop systemic drug delivery platforms for medical countermeasures (MCMs). The Hermes program is explicitly seeking transformative approaches enabling the development of delivery platforms with systemic biodistribution, exceptional endosomal escape efficiency, and minimal toxicity. Successful proposals will include a detailed description of the proposed delivery platform including 1) screening pipeline, 2) reporter systems for monitoring biodistribution and expression in

animal models, 3) methods to monitor immunogenicity/toxicity, and 4) chosen therapeutic cargo and justification. Deadlines: May 3 – Proposal abstract; June 4 - Proposal

[DOT Exploratory Advanced Research Program](#) The EAR program addresses the need for longer-term, higher risk breakthrough research with the potential for transformational improvements to plan, build, renew, and operate safe, congestion free, and environmentally sound transportation systems. The overall goal of this NOFO is to collect diverse pedestrian data, provide researchers access to this data, and encourage novel approaches for analysis of diverse data in support of increasing the safety and mobility of all people. Deadline: June 5

[EPA Air Quality Information: Making Sense of Air Pollution Data to Inform Decisions in Underserved Communities Overburdened by Air Pollution Exposures](#) The U.S. Environmental Protection Agency (EPA) is seeking applications proposing community-engaged research in underserved communities to advance the use of air pollution data and communication of air quality information for empowering local decisions and actions that address community-identified air pollution concerns. Specifically, this funding opportunity is soliciting research projects that involve substantial engagement with communities, community-based organizations, and/or Tribes to address both of the following priorities: 1) methods and tools for data integration and analysis to characterize community exposures to air pollution in underserved communities; and 2) Effective communication of air quality information to communities and decision makers to support actions to address air pollution concerns in underserved communities. Deadline: June 26

[Michelson Prizes: Next Generation Grants](#) These annual awards of \$150,000 support early-career investigators who are working to significantly advance human immunology and vaccine and immunotherapy research for major global diseases. The Prizes are awarded by the Michelson Medical Research Foundation and the Human Immunome Project (previously the Human Vaccines Project). Early-career investigators, postdoctoral fellows, clinical fellows (including residents and interns), doctoral students and other researchers currently in training positions are all eligible for the Michelson Prizes. Eligible applicants include the full spectrum of immunology-related disciplines, including clinical research, biochemistry, molecular biology, protein engineering, computer science, artificial intelligence/machine learning, biophysics, environmental health, nanotechnology, etc. Deadline: June 9

[NASEM Gulf Research Program Early-Career Research Fellowships](#) The Gulf Research Program's Early-Career Research Fellowship supports emerging scientific leaders as they take risks on research ideas not yet tested, pursue unique collaborations, and build a network of colleagues who share their interest in improving offshore energy system safety and the well-being of coastal communities and ecosystems. Tracks include: *Environmental Protection and Stewardship* and *Education Research*. Deadline: May 22

3. **Anticipated Funding Opportunities**

[DOE-NETL Notice of Intent to Issue SuperTruck Charge](#)

4. **Other:**

[NSF Frequently Asked Questions \(FAQs\) for the Global Centers Program](#)