

**\*\*** To receive this newsletter directly to your inbox, please sign up for the listserv by emailing [listserv@lists.purdue.edu](mailto: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. **\*\* Previous newsletters can be accessed at:** <https://www.purdue.edu/research/oevprp/funding-and-grant-writing/funding/emails.php>.

**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](mailto: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](mailto:OORlimited@purdue.edu).

**Limited Submission: [DOE-EERE Offshore Wind National and Regional Research and Development](#)** This FOA is being issued by the DOE-EERE on behalf of the Wind Energy Technologies Office (WETO) to address several major research priorities for offshore wind. Topic Areas of Interest include: Topic 1, Subtopic 1a - Refinement and Innovation in Floating Platform Design, Manufacturing, and Deployment; Topic 1, Subtopic 1b - Next-Generation Integrated Floating Turbine/Platform Technologies; Topic 2 - Innovation for Fixed-Bottom Offshore Wind Foundation Types and Supporting Infrastructure; Topic 3 - Technology Advancement to Inform Risk to Birds and Bats from Offshore Wind Energy; Topic 4 - Development of a Manufacturing and Supply Chain Offshore Wind Consortium Based in the Great Lakes Region; Topic 5 - Floating Offshore Wind Center of Excellence; and Topic 6 - Protecting Future Offshore Wind Farms Against Lightning. Only **one** submission is allowed **per Topic Area or Subtopic Area**.

*Internal deadline:* Preproposal due in InfoReady by August 12 ([template](#))

*Sponsor deadline:* September 3 – Concept paper; November 7 – Full application

**Limited Submission: [NRC University Nuclear Leadership Program, Scholarship and Fellowship Education Grant, Distinguished Faculty Advancement Grant, and Trade School and Community College Scholarship Grant](#)** To enhance the development of a workforce that will support the design, construction, operation, and regulation of nuclear facilities, this program provides funding for students and early career (untenured) faculty to support areas in nuclear-related fields, including nuclear science, engineering, mechanical engineering, civil engineering, environmental science, electrical engineering, fire protection, geotechnical sciences, nuclear technology, structural and material engineering, health physics, nuclear fusion (fusion energy research), nuclear safety, and other nuclear-related disciplines. Related disciplines supported by this funding are intended to benefit the nuclear safety and security broadly. Proposals will be considered under this announcement for projects that would foster the development of innovative community engagement strategies, including incorporation of principles of equity and environmental justice. An institution may submit only **one** application in response to this announcement **for each of the programs**.

*Internal deadline:* Preproposal due in InfoReady by August 12 ([template](#))

*Sponsor deadline:* September 6

**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](mailto:OORLimited@purdue.edu) if interested in participating in any of these NIST opportunities

*Sponsor deadline:* On-going

## 2. Selected Funding Opportunities:

**[NSF Ecology and Evolution of Infectious Diseases \(EEID\)](#)** The multi-agency Ecology and Evolution of Infectious Diseases program supports research on the ecological, evolutionary, organismal, and social drivers that influence the transmission dynamics of infectious diseases. The central theme of submitted projects must be the quantitative, mathematical, or computational understanding of pathogen transmission dynamics. The intent is discovery of principles of infectious disease (re)emergence and transmission and testing mathematical or computational models that elucidate infectious disease systems. Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. They should focus on the determinants and interactions of (re)emergence and transmission among any host species, including but not limited to humans, non-human animals, and/or plants. Deadline: November 20

**[NSF Alan T. Waterman Award](#)** NSF seeks nominations for exceptional candidates that represent the diversity of the nation. The Alan T. Waterman Award recognizes an outstanding early career researcher in any field of science or engineering supported by the U.S. National Science Foundation. The annual award is the nation's highest honor for early-career scientists and engineers. In addition to a medal, the awardee receives a grant of \$1,000,000 over a five-year period for scientific research or advanced study in the science and engineering disciplines supported by the National Science Foundation at the institution of their choice. An [informational webinar](#) will be held on August 14 at 2PM ET. Deadline: September 20

**[NIH Deciphering the Impact of RNA Modifications on Brain Aging and AD/ADRD \(R21\)](#)** The purpose of this Notice of Funding Opportunity (NOFO) is to catalyze innovative research to elucidate the molecular landscape and functional implications of RNA modifications in brain aging and Alzheimer's disease (AD) and AD-related dementias (ADRD). AD-related dementias include Lewy body dementia (LBD), frontotemporal dementia (FTD), vascular cognitive impairment/dementia (VCI/D), and mixed dementias. This NOFO supports applications focused on uncovering novel mechanisms underlying RNA modification-mediated processes and their impact on brain aging and the pathogenesis and progression of AD/ADRD. The ultimate goal is to identify targets for biomarker discovery and drug development for AD/ADRD. Deadline: November 1

**[NIH Novel Approaches for Radiation Biodosimetry and Medical Countermeasure Development \(R21\)](#)** The purpose of this NOFO is to support exploratory and conceptual research projects in radiation research focused on medical countermeasures, biodosimetry, and animal model development to diagnose/mitigate/treat injuries arising from radiation exposure sustained during a radiation mass casualty incident. This NOFO is intended to support development of preliminary data to help advance high-risk, high-reward projects needed for a robust early product development pipeline that can lead to the advancement of much-needed radiation-exposure related tools and products. Deadline: November 1

**[NIH Revolutionizing Innovative, Visionary Environmental Health Research \(RIVER\) \(R35\)](#)** The NIEHS Revolutionizing Innovative, Visionary Environmental health Research (RIVER) program is intended to provide support for outstanding investigators in the Environmental Health Sciences, giving them intellectual and administrative freedom, as well as sustained support to pursue their research in novel directions in order to achieve greater impacts. The program seeks to identify individuals, regardless of career stage, with a potential

for continued innovative and impactful research and combine their existing investigator-initiated research into a single award to support the majority of their independent environmental health sciences research program.  
Deadline: November 1

**[NIH RNA Modifications Driving Oncogenesis \(RNAMoDO; U01\)](#)** Through this NOFO, the National Cancer Institute (NCI) solicits applications for the RNA Modifications Driving Oncogenesis (RNAMoDO) initiative. This NCI initiative aims to promote fundamental studies in the emerging area of RNA modifications that underlie the oncogenic process, focusing on the central role of RNA modifications in translational reprogramming of cancer cells. Deadline: November 4

**[NIH Tissue Chips in Space 2.0: Translational Multi-Organ Tissue Chip Systems for Drug Efficacy, Toxicity Testing, and Personalized Medicine in Human Health, Aging and Associated Diseases \(UG3/UH3\)](#)** The purpose of this NOFO is to develop multi-organ automated microphysiological systems (MPS) for studying the effects of microgravity conditions on human body in low Earth orbit at the International Space Station National Laboratory (ISS-NL). This program will provide insights on human patho(physiology), especially aging-related functional decline and age-related diseases. The multi-organ MPS configuration will allow better modeling of the whole organism. Improved automation with extended longevity of MPS will facilitate longer experiments in space and the collection of more physiologically relevant data. The inclusion of samples representing the broad spectrum of diversity in the human population will allow for better modeling of aging progression and development of interventions. Deadline: October 18

**[NIH Dissemination and Implementation Research in Communication Disorders Conference \(U13\)](#)** NIDCD invites applications to organize and execute an annual conference on dissemination and implementation research skills applicable to all NIDCD mission areas, specifically hearing, balance, taste, smell, voice, speech, and language.  
Deadline: November 25

**[NIH Notice of Special Interest \(NOSI\): Advancing Diet and Physical Activity Biomarkers for Assessing Lifestyle Interventions in Cancer Prevention and Cancer Interception Research](#)** This 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: October 5

**[NIH Notice of Special Interest \(NOSI\): Advancing Genomic Technology Development for Research and Clinical Application](#)** The field of genomics has repeatedly benefited from the development of new methodologies and substantial advances in genomic technologies. NHGRI seeks applications for genomic technology development research that would, if successful, have an impact in a three to seven-year time frame to move the field of genomics beyond the likely next steps in technological advances. It is expected that applicants will develop scientific and practical definitions of optimal cost, quality, bio-materials quantity, scale, time to result and other important features enabling the significant genomics technology development proposed. Ultimately these technologies should have the capability to be used in a high-throughput, production setting to generate high-quality data. Priority will be given to applications that propose improvements of at least an order of magnitude (based on state of the art at the time the application is submitted). Such improvements may be achieved by focusing on one critical factor or a combination of important ones. Deadline: September 5

**[DOD-ONR Class of 2025 Vannevar Bush Faculty Fellowship \(VBFF\)](#)** VBFF supports innovative basic research within academia, as well as opportunities intended to develop the next generation of scientists and engineers for the defense workforce. VBFF is oriented towards bold and ambitious “blue sky” research that may lead to extraordinary outcomes such as revolutionizing entire disciplines, creating entirely new fields, or disrupting accepted theories and perspectives. This FOA is for single investigator grant proposals for basic research. Areas of interest include: Applied Mathematics and Computational Science; Networks and Artificial Intelligence;

Neuroscience and Fundamentals of Cognition and Intelligence; Fundamentals of Bioengineering; Quantum Information Science; Electronics, Photonics and Quantum Materials; Soft Materials and Multiscale Structures; Material Science and Other Fields of Research. Faculty with tenure at the time of proposal submission, with a record of substantial scientific contributions and the skills, knowledge, and resources necessary to conduct the proposed research as the principal investigator (PI), are invited to submit an application. The PI must be a U.S. citizen or permanent resident. Deadlines: September 27 – White paper; February 14 – Full proposal

**[DOD-CDMRP Combat Readiness-Medical Research Program \(CRRP\)](#)** The CRRP vision is to increase survivability and readiness of the Warfighter. The program seeks to develop innovative high-impact solutions to increase medical readiness; triage, diagnose and treat life-threatening injuries; reduce morbidity and mortality; and promote positive long-term outcomes for the Warfighter. While the CRRP focuses on priorities related to frontline care, the program also considers how chronic disorders typically associated with pre-deployment readiness (e.g., sleep, nutrition) may influence the delivery of care in deployed environments and contribute to injury susceptibility and recovery. The sole mechanism for 2024 is Translational Research Award. Deadlines: September 4 – Pre-application; December 5 - Application

**[DOC-NOAA FY 2024 – 2026 - Broad Agency Announcement \(BAA\)](#)** The purpose of this notice is to request applications for special projects and programs associated with NWS's strategic plan and mission goals, as well as to provide the general public with information and guidelines on how NWS will select applications and administer discretionary Federal assistance under this Broad Agency Announcement (BAA). Each NOAA Line Office that supports financial assistance (National Marine Fisheries Service, National Ocean Service, National Weather Service, Office of Atmospheric Research, Office of Education, and National Environmental Satellite Data Information Service) has a separate BAA found in Grants.gov, so applicants should submit their proposal to the BAA for the Line Office that best fits their proposal. Deadline: On-going

**[NASA 2024 HERO Appendix E: NASA Human Research Program Flagship2 Opportunity](#)** To be responsive to this research solicitation, proposed studies should lead to specific products that address at least one of the three specific objectives outlined in the HERO Overview document, section A.2.b Goal and Specific Objectives. The proposed studies should lead to new knowledge within accepted scientific standards. Research emphasis includes: Topic 1 – EVA Prebreathe and Exploration Atmospheres; or Topic 2 – Venous Thrombosis Concern during Spaceflight. Deadline: August 26

**[NASA-ROSES Integrated Water Field Campaign](#)** NASA solicits proposals to conduct a dedicated “passage of water” field campaign in the 2025-2027 timeframe that is designed as a focused, interdisciplinary, hypothesis-driven or question-driven study to test novel physical underpinnings of freshwater exchange and impacts on ocean and Earth processes. The integrated land-ocean water campaign is envisioned to exploit synergistic use of novel ocean and hydrological information from SWOT, ocean salinity from remote sensing (SMAP, SMOS) and sub-orbital platforms (in situ, autonomous), and other relevant measurements of Earth’s water appropriate to accomplish the proposed objectives. Deadlines: November 26 – NOI; January 28 - Proposal

**[EPA Models to Predict the Removal of Emerging Micropollutants from Water by Novel Adsorbents in Fixed-bed Column Processes](#)** The purpose of this funding opportunity is to fund research to develop, test and deploy predictive models for novel adsorbents for removal of emerging micropollutants from water and to estimate how well the adsorbents will work for specific classes of micropollutants in full-scale, fixed-bed, flow-through unit operations. “Fixed-bed, flow-through” unit operations (Patel 2019) means the adsorbent media is installed into a contactor (e.g., column or bed, fixed-bed) and water is passed through the apparatus or unit operation (flow-through) and replaced upon media exhaustion or loss of performance. Although geared toward the application of novel adsorbents, the models developed under this funding opportunity are expected to contribute to the development of innovative water technologies for wastewater and drinking water processing systems, which would be used to develop new and improved drinking water treatment processes. Deadline: October 2

[\*EPA Developing and Demonstrating Nanosensor Technology to Detect, Monitor and Degrade Pollutants\*](#) This funding opportunity is soliciting research to develop and demonstrate nanosensor technology with functionalized catalysts that have the potential to degrade selected contaminants in addition to detecting and monitoring pollutants. Specifically, EPA is seeking proposals that use nanotechnology to detect, monitor, and degrade PFAS in groundwater or surface water that may be used as drinking water sources. Deadline: November 13

[\*NEH Scholarly Editions and Translations\*](#) The Scholarly Editions and Scholarly Translations program provides grants to organizations to support collaborative teams who are editing, annotating, and translating foundational humanities texts that are vital to scholarship but are currently inaccessible or only available in inadequate editions or translations. Typically, the texts are significant literary, philosophical, and historical materials, but works in other humanities fields may also be the subject of an edition. The program supports continuous full-time or part-time activities during the period of performance of one to three years. At least two scholars must work collaboratively on the project. Deadline: November 27

### 3. **Anticipated Funding Opportunities**

[\*DOE Request for Information & Notice of Intent: Nuclear Safety Training and Workforce Development Program\*](#)

[\*DOE-NETL Notice of Intent to issue Funding Opportunity Announcement No. DE-FOA-0003409 titled, Pre-Commercial Testing of Low-Carbon Emissions Gas Turbine\*](#)

[\*DOE Notice of Intent \(NOI\) to Issue Hydrogen and Fuel Cell Technologies Office Funding Opportunity Announcement to Advance the National Clean Hydrogen Strategy\*](#)

[\*NEH Humanities Collections and Reference Resources\*](#) Estimated posting April 2025

### 4. **Other:**

[\*DOE Request for Information \(RFI\) on Enhancing Coordination of the Lab Embedded Entrepreneurship Program \(LEEP\)\*](#)

[\*DOE Residential Wood Heater In-Situ Testing Request for Information \(RFI\)\*](#)

[\*NSF Frequently Asked Questions \(FAQs\) for the Gen-4 Engineering Research Centers \(ERC\) Solicitation\*](#)