

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 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: [Pew Biomedical Scholars](#) The Pew Biomedical Scholars Program provides \$300,000 over four years to assistant professors who demonstrate outstanding promise as contributors in science relevant to human health. This program does not fund clinical trials research. Strong proposals will incorporate particularly creative and pioneering approaches to basic, translational, and applied biomedical research. Candidates whose work is based on biomedical principles but who bring in concepts and theories from more diverse fields are encouraged to apply. Ideas with the potential to produce an unusually high impact are encouraged. Selection of the successful candidates will be based on a detailed description of the work that the applicant proposes to undertake, evaluations of the candidate's performance, and notable past accomplishments, including honors, awards, and publications.

Internal deadline: The Office of the Provost and the Office of Research will coordinate to select the final candidate. For information on the internal selection process, please contact John Grundy, Director, Faculty Recognition, (jgrundy@purdue.edu).

Sponsor deadline: May 15 – Nomination; September 5 - Application

Limited Submission: [Pew-Stewart Scholars for Cancer Research](#) The Pew-Stewart Scholars for Cancer Program provides \$300,000 over four years to assistant professors of outstanding promise in science relevant to the advancement of a cure for cancer. This program is distinct from the Pew Scholars Program, and it follows a different, but parallel set of guidelines and procedures for nominating an applicant whose research is related to cancer. This program does not fund clinical trials research. Candidates should demonstrate outstanding promise as contributors in science relevant to the field of cancer. Strong proposals will incorporate particularly creative and pioneering approaches to basic, translational, and applied cancer research. Candidates whose work is based on biomedical principles but who bring in concepts and theories from more diverse fields are encouraged to apply. Ideas with the potential to produce an unusually high impact are encouraged. Selection of the successful candidates will be based on a detailed description of the work that the applicant proposes to undertake, evaluations of the candidate's performance, and notable past accomplishments, including honors, awards, and publications.

Internal deadline: The Office of the Provost and the Office of Research will coordinate to select the final candidate. For information on the internal selection process, please contact John Grundy, Director, Faculty Recognition, (jgrundy@purdue.edu).

Sponsor deadline: May 15 – Nomination; August 28 - Application

Limited Submission: [**Brain Research Foundation 2025 Scientific Innovations Award**](#) The objective of the program is to support projects that may be too innovative and speculative for traditional funding sources but still have a high likelihood of producing important findings. It is expected that investigations supported by these grants will yield high impact findings and result in major grant applications and funding as well as significant publications in high impact journals. To be eligible, the nominee must be a full-time associate professor/full professor working in the area of neuroscience and brain function in health and disease. Current major NIH or other peer-reviewed funding is preferred but evidence of such funding in the past three years is essential. The grant period is for two years totaling \$150,000. The support focus is for new research projects of the highest scientific merit. Only **one** submission is allowed.

Internal deadline: April 29

Sponsor deadline: June 25

2. Selected Funding Opportunities:

[**NSF IUOE/Professional Formation of Engineers: Revolutionizing Engineering Departments \(IUOE/PFE: RED\)**](#) RED is designed to build upon previous efforts in engineering education research. Specifically, previous and ongoing evaluations of the NSF Engineering Education and Centers Division program and its predecessors, as well as those related programs in the Directorate for STEM Education, have shown that prior investments have significantly improved the first year of engineering students' experiences, incorporating engineering material, active learning approaches, design instruction, and a broad introduction to professional skills and a sense of professional practice – giving students an idea of what it means to become an engineer. The RED program supports four tracks: RED Planning (Track 1), RED Adaptation and Implementation (Track 2), RED Innovation (Track 3), and RED Innovation Partnerships (Track 4). For all tracks, the PI must be a Department Chair/Head (or equivalent) of a department for whom a significant percentage of students will graduate or transfer to a program with a bachelor's degree in engineering or engineering technology. Deadline: September 10

[**NSF Cyberinfrastructure for Public Access and Open Science \(CI PAOS\)**](#) The Cyberinfrastructure for Public Access and Open Science (CI PAOS) program within the Office of Advanced Cyberinfrastructure (OAC) aims to catalyze new and transformative socio-technical partnerships supporting research data infrastructure ecosystems across domains through early-stage collaborative activities between cyberinfrastructure researchers, scientists, research computing experts, data management experts, research labs, university libraries, and other communities of practice. Deadline: On-going

[**NSF Biodiversity on a Changing Planet \(BoCP\)**](#) The BoCP program is a cross directorate and international program led by NSF that invites submission of interdisciplinary proposals addressing grand challenges in biodiversity science within the context of unprecedented environmental change, including climate change. Successful BoCP proposals will test novel hypotheses about functional biodiversity and its connections to shifting biodiversity dynamics on a changing planet, with an emphasis on integrative research into the complex intersections among climatic, geological, paleontological, and biological processes. Deadline: September 5

[**NIH Mechanistic and Hemodynamic Basis of Diffuse White Matter Disease in Vascular Contributions to Cognitive Impairment and Dementia \(VCID\)\(R01\)**](#) The purpose of this NOFO is to support hypothesis-testing research to elucidate molecular, cellular and hemodynamic mechanisms that underlie diffuse white matter disease and small vessel disease in the brain and how they may contribute to cognitive decline and dementia. Deadline: October 4

[NIH Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets \(R03\)](#) The purpose of this NOFO is to announce the availability of funding to demonstrate and enhance the utility of selected Common Fund data sets, including generating hypotheses and catalyzing discoveries. Award recipients are asked to provide feedback on the utility of the Common Fund data resources. Deadline: June 27

[NIH Cell and Gene Therapies for HIV Cure: Developing a Pipeline \(P01\)](#) The purpose of this NOFO is to support multi-project research programs for the development, characterization, and advancement of gene- and cell-based approaches to achieve long-term remission or elimination of HIV. Applications are expected to include basic science discovery as well as preclinical research activities such as test-of-concept studies in animal models. Applications are required to include one or more private sector partner(s) to participate in their program. Deadline: July 30

[DOD-ONR STEM Program](#) This FOA is for STEM education programs and activities, which is formal or informal education that is primarily focused on physical and natural sciences, technology, engineering, social sciences, and mathematics disciplines, topics, or issues (including environmental science education or stewardship). This FOA will not consider applications for research, with the exception of those whose primary purpose is intended to further education and that are not expected to generate intellectual property. Deadline: On-going

[DOE-EERE Concentrating Solar Flux to Heat & Power](#) The research, development, and demonstration (RD&D) activities to be funded under this FOA will support the government-wide approach to the climate crisis by driving innovation that can lead to the deployment of clean energy technologies, which are critical for climate protection. Deadlines: May 16 – Concept paper; August 8 – Full application

[DOE-NETL FY2024 Vehicle Technologies Office Research & Development](#) This FOA seeks research projects to address priorities in the following areas: the increase in energy density of battery cells containing phosphate-based cathodes; the development of innovative technologies capable of significantly decreasing greenhouse gases; the production and manufacturing of new high-performance E-steels using domestic resources; the advancement of state of the art Na-ion batteries; the improvement of efficiency and convenience of the mobility-system using V2X; the development of planning tools and/or models to identify, quantify, and assess the impact of convenience strategies on regions and/or communities; addressing vulnerabilities and potential cybersecurity threats posed by the nature of EVs and charging infrastructure integrated with the grid, to improve fuel economy and reduce GHG emissions with the goals of carbon pollution free electricity by 2035 and net-zero of GHG emissions by 2050. Deadlines: May 2 – Concept paper; June 24 – Full application

[NASA Commercial Supersonic Technology \(CST\) Project](#) The CST Project develops tools and technologies with validated capabilities necessary to overcome environmental and performance barriers to practical civil supersonic airliners. The challenge for this solicitation is focused on combustion emissions for commercial supersonic flight applications. This solicitation specifically seeks an injector design concept to establish current state of the art in low-NOx at supersonic cruise while meeting reasonable landing takeoff (LTO) NOx emissions. The technology application timeline we're targeting would be for a supersonic aircraft entry into service in the 2035+ timeframe. Deadline: May 31

[USDA-FSA Conservation Reserve Program \(CRP\) FY24 Monitoring, Assessment, and Evaluation \(MAE\) Opportunity](#) FSA is announcing the availability of cooperative agreement funding for up to \$10 million to monitor, assess, and evaluate conservation approaches and technologies in conjunction with the Conservation Reserve Program. Projects are expected to inform policy and/or improve delivery of the Conservation Reserve Program. For 2024, applications will be accepted from eligible entities for projects addressing at least one of the following priorities: Ecosystem Benefits; Bottom Up, Middle Out; Citizen Science; and Evaluating CRP in the Big Picture. Deadline: May 31

[EPA Air Quality Information: Making Sense of Air Pollution Data to Inform Decisions in Underserved Communities Overburdened by Air Pollution Exposures](#) 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: Methods and tools for data integration and analysis to characterize community exposures to air pollution in underserved communities; and 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

[DOT Development and Deployment of Innovative Technologies for Concrete Pavements](#) A primary goal of the FHWA AIDPT Program is the advancement of new and innovative technologies to design, specify, construct, and preserve pavements, which are supported by the advancement of superior practices for testing and evaluating materials. A high priority focus area of the Agreement will be to advance Performance Engineered Mixtures (PEM) and Performance Centered Concrete Construction (P3C). Collaboration with public agencies, industry groups, and the consultant and academic communities are vital to the success of advancing innovative strategies and shall be a consideration in all activities under the Agreement. Deadline: May 20

[DoED-OESE Effective Educator Development Programs: Teacher Quality Partnership \(TQP\) Grant Program](#) The purposes of the TQP program are to improve student achievement; improve the quality of prospective and new teachers by improving the preparation of prospective teachers and enhancing professional development activities for new teachers; hold teacher preparation programs at institutions of higher education (IHEs) accountable for preparing teachers who meet applicable State certification and licensure requirements; and recruit highly qualified individuals, including individuals of color and individuals from other occupations, into the teaching force. Deadline: June 3

[DoED-OSEP Disability Innovation Fund \(DIF\)--Creating a 21st Century Workforce of Youth and Adults with Disabilities Through the Transformation of Education, Career, and Competitive Integrated Employment Model Demonstration Project](#) The purpose this program is to support innovative activities aimed at increasing competitive integrated employment (CIE) for youth and other individuals with disabilities. It funds model demonstration projects designed to develop, implement, refine, evaluate, and disseminate, for easy adoption, new or substantially improved model strategies or programs to transition youth and adults with disabilities to CIE including: (1) Broadening Access to Advanced Technology Careers and Creating A 21st Century Workforce of Youth and/or Adults with Disabilities Leading to CIE; (2) Innovative Applications of Advanced Technology to Support Youth and/or Adults with Disabilities Leading to CIE; (3) Justice-Involved Youth with Disabilities—Early Intervention and Reintegration from the Juvenile Justice System to the Community, Leading to CIE; (4) Early Intervention and Workforce Reintegration Strategies for Youth and/ or Adults with Acquired Disabilities that Lead to CIE; (5) Early Intervention and Workforce Reintegration Strategies for Disconnected Youth and/or Disconnected Adults with Disabilities that Lead to CIE; and (6) Field Initiated, under which applicants address innovative topic areas not otherwise included in this priority, or combine two or more topic areas described in this priority into one application. Deadlines: April 23 – NOI; July 8 - Application

3. Anticipated Funding Opportunities

[NIH Notice of Intent to Publish a Funding Opportunity Announcement for Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care \(R21/R33\)](#)

4. Other:

[DOE ARPA-E Request for Information on Electrified Airplane Integration Retrofit Powertrains Learnings And Novel Electric Port & Operations Related Technologies \(E-AIRPLANE/PORT\)](#)

[NIH Request for Information \(RFI\) Regarding Strategies to Advance the Relevance and Impact of Mental Health Services Research](#)

[*NIH Overview of Grant Application and Review Changes for Due Dates on or after January 25, 2025*](#)

[*NIH Notice of Revisions to the NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules*](#)

[*DOD Congressional Directed Medical Research Programs \(CDMRP\) Webinar #2*](#); April 15, 12:30-1:30 EST; This webinar will highlight details of the program and discuss eligibility as well as the program releases for 2024.