June 4, 2025

** 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.** ***Previous newsletters can be accessed at:*** https://www.purdue.edu/research/oevprp/funding-and-grant-writing/funding/emails.php. To be removed from listserv, email listserv@lists.purdue.edu, leave subject blank and in the message body type: DELETE Weeklyfundingopps [your email – ie user@purdue.edu].

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.

The Purdue Office of the Executive Vice President for Research and Sponsored Program Services (SPS) have launched a website to provide the most up-to-date information to help ensure compliance by researchers who may have grants impacted by executive orders during this period of transition at the U.S. government and among U.S. federal agencies.

Researchers should continue working on their grants and contracts unless you receive instructions from your grant program officer, agency contact or Purdue SPS. Any researcher who has received or receives information from your grant program officer or agency should reach out to SPS at spsopers@groups.purdue.edu to be directed to the appropriate person to help determine actions and next steps. Likewise, if SPS receives communication from an agency, they will notify directly relevant principal investigators if action needs to be taken.

The website has the current status for each agency and will be updated as new information is available.

---

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: ***NSF Scholarships in STEM Network (S-STEM-Net)*** Through this solicitation, NSF seeks to foster a network of S-STEM stakeholders and further develop the infrastructure needed to generate and disseminate new knowledge, successful practices and effective design principles arising from NSF S-STEM projects nationwide. The ultimate vision of the legislation governing the S-STEM parent program (and of the current S-STEM-Net solicitation) is that all Americans, regardless of economic status, should be able to contribute to the American innovation economy if they so desire. Only ***one*** proposal is allowed as lead, subawardee, or collaborative research project.

   Internal deadline: Preproposal due in InfoReady by June 16 (template)

   Sponsor deadline: August 14

   Limited Submission: ***Searle Scholars Program*** Purdue University has been invited to nominate one assistant professor for the 2026 Searle Scholars Program. The Office of the Provost and the Office of Research will coordinate to select the final candidate for Purdue. The Searle Scholars Program makes grants to selected academic and research institutions to support the independent research of outstanding early-career scientists who have recently been appointed as assistant professors on a tenure-track appointment. Grants are $300,000 for a three-year term, with $100,000 payable each year of the grant. The Searle Scholars Program supports high-risk, high-reward research across a broad range of scientific disciplines. The Searle Scholars Scientific Advisory Board is primarily interested in the potential of applicants to make innovative and high-impact contributions to research over an extended period of time. Applicants for the 2026 competition (awards which will be activated on July 1, 2026) are expected to be pursuing independent research careers in **biochemistry, cell biology, genetics, immunology, neuroscience, pharmacology, and related areas in chemistry, medicine, and the**

biological sciences. The Searle Scholars Program does not ordinarily support purely clinical research but has supported research programs that include both clinical and basic components. Applicants should have begun their appointment as an independent investigator at the assistant professor level on or after **May 1, 2024**. The appointment must be their first tenure-track position (or its nearest equivalent).

Internal deadline: To apply, please send a full CV and 1-page plan of work to facultyawards@purdue.edu by June 24, 2025

Sponsor deadline: September 30

Limited Submission: ***DOS-ISN Opportunities*** ISN works to prevent the proliferation of weapons of mass destruction (WMD), their delivery systems, destabilizing advanced conventional weapons, and related technologies. Additionally, ISN protects and promotes U.S. technological leadership through export controls and expanding the peaceful uses of U.S. nuclear technology. Only ***one*** application is allowed per organization for each of the opportunities listed below but *each application can contain multiple projects* that will be evaluated independently.

- ***Countering U.S. Adversary WMD and Drone Threats in Iraq*** Deadline: July 31
- ***Countering Chemical Weapons Threats*** Deadline: July 31
- ***Countering Iran and DPRK's WMD, Nuclear, Ballistic Missile, and Drone Proliferation*** Deadline: July 30
- ***Unleashing American Energy Dominance and Expediting Responsible and Secure U.S. Small Modular Reactor Deployment through the FIRST Program*** Deadline: July 30
- ***Enforcing Sanctions on China and Russia*** Deadline: July 30
- ***Preventing U.S. Adversaries' Access to Critical Technologies and Exploitation of Scientific and Commercial Facilities for Military Advancement*** Deadline: July 30
- ***Denying U.S. Adversaries Access to Sensitive Nuclear, Missile, and Advanced Technical Expertise for Weapons of Mass Destruction Programs that Threaten America*** Deadline: July 30
- ***Countering Biological Weapons Threats*** Deadline: July 30
- ***Addressing Development and Use of Chemical and Biological Weapons by Russia*** Deadline: July 30
- ***Countering Chinese and Russian Proliferation of Advanced Conventional Weapons*** Deadline: July 30

Internal deadline: Preproposal due in InfoReady by June 16 (template)

Sponsor deadlines: July 30 or 31

Limited Submission: ***Engineering Information Foundation (EIF)*** EIF welcomes proposals in their areas of interest: *Enhancing Communication in Engineering* and *Women in Engineering - Projects Directed by Engineering Educators.* For *Enhanced Communication in Engineering* the foundation wants to assist engineering faculty in transmitting the necessary listening, written, verbal, visual, and graphic communication skills that their students need to be successful engineers. Your project might focus on one or more of these skills, create a method for students to develop the selected skills, implement the method in your curriculum, and then test your approach. For *Women in Engineering*, the Foundation is interested in funding programs that 1) encourage middle school girls in engineering conducted by engineering educators and others that encourage them to prepare for and undertake careers in engineering; or 2) programs designed to improve the retention rate of undergraduate women in engineering. These may cover such diverse areas as classroom, climate, learning behaviors, classroom pedagogies and academic and social support programs. Only ***one*** submission is allowed ***for each of the program areas***.

Internal deadline: Preproposal due in InfoReady by June 23 (template)

Sponsor deadline: August 31

Internal Coordination Required: ***Beckman Young Investigators*** The Arnold and Mabel Beckman Foundation provides grants of approximately $600,000 over four years to early-career, tenure-track faculty in the chemical and life sciences. The program supports projects that depart "from current research directions" rather than extend or expand existing work. The program seeks applicants who are innovative, willing to take risks, and positioned to contribute significantly to advances in chemistry and the life sciences. Proposals that cross disciplinary boundaries and enable the development of new methods, instruments, or materials are of particular interest.

Eligible applicants must be U.S. citizens or permanent residents and must have started their first tenure-track position after January 1, 2021, and before August 1, 2025. Furthermore, applicants can have no more than $225,000 in direct, annualized external funding grants during any BYI Program Year (Aug-July) at time of application. Start-up funds, department-wide instrumentation grants, and "transition" grants (such as NIH K99/R00) are not counted toward this total. The Foundation does not fund clinical research, clinical trials, or single-target drug discovery. Faculty with strictly clinical appointments are not eligible. Each individual may apply to the program a maximum of two times.

Although this program is not a limited submission, applications do require the electronic signature of both the dean and the president. The Faculty Recognition Program is assisting the Office of the President by reviewing the submissions, suggesting edits (if needed), and securing the president's approval to submit. Contact Faculty Recognition Program for Letter of Intent submission details (facultyawards@purdue.edu).

Internal deadline: July 7

Sponsor deadlines: August 1 – Letter of Intent; Full application by invitation only

2. **Selected Funding Opportunities**:

NSF Arctic Research Opportunities The goal of this solicitation is to attract research proposals that advance a fundamental, process, and/or systems-level understanding of the Arctic's rapidly changing natural environment, social and cultural systems, and, where appropriate, to improve our capacity to project future change. The Arctic Sciences Section supports research focused on the Arctic region and its connectivity with lower latitudes. Deadline: July 15

NSF Law & Science Program (LS) The Law & Science Program considers proposals that address social scientific studies of law and law-like systems of rules, as well as studies of how science and technology are applied in legal contexts. The Program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between human behavior and law, legal institutions, or legal processes; or the interactions of law and basic sciences, including biology, computer and information sciences, STEM education, engineering, geosciences, and math and physical sciences. Deadline: August 1

NSF Perception, Action & Cognition (PAC) The aim of the PAC program is to support empirically grounded, theoretically engaged and methodologically sophisticated research in a wide range of topic areas related to human perceptual, motor, and cognitive processes and their interactions. The PAC program welcomes a wide range of perspectives and a variety of methodologies (including computational modeling if the goal is to expand explanatory theories of human perception, action, or cognition). PAC strongly encourages proposals that examine human behavior in realistic (or real-world) scenarios and that include varied subject population. Deadline: August 1

NSF Science and Technology Studies (STS) Science and Technology Studies (STS) is an interdisciplinary field that investigates the conceptual foundations, historical developments and social contexts of science, technology, engineering and mathematics (STEM), including medical science. The STS program supports proposals across a broad spectrum of research that uses historical, philosophical and social scientific methods to investigate STEM

theory and practice. STS research may be empirical or conceptual; specifically, it may focus on the intellectual, material or social facets of STEM. Deadline: August 4

NSF Mathematical Sciences Infrastructure Program The primary aim of the Mathematical Sciences Infrastructure Program is to foster the continuing health of the mathematical sciences research community as a whole. In addition, the program complements the Workforce Program in the Mathematical Sciences in its goal to increase the number of well-prepared U.S. based individuals who successfully pursue careers in the mathematical sciences and in other professions in which expertise in the mathematical sciences plays an increasingly important role. The DMS Infrastructure program invites projects that support core research in the mathematical sciences, including: 1) novel projects supporting research infrastructure across the mathematical sciences community; 2) training projects complementing the Workforce Program, and 3) conference, workshop, and travel support requests that include cross-disciplinary activities or have an impact at the national scale. Deadline: August 5

NSF Science of Learning and Augmented Intelligence The program supports research addressing learning in individuals and in groups, across a wide range of domains at one or more levels of analysis, including molecular and cellular mechanisms; brain systems; cognitive, affective and behavioral processes; and social and cultural influences. Deadline: August 6

NSF Correctness for Scientific Computing Systems (CS2) Correctness for Scientific Computing Systems (CS2) is a joint program of the National Science Foundation (NSF) and the Department of Energy (DOE). The program addresses challenges that are both core to DOE's mission and essential to NSF's mission of ensuring broad scientific progress. The program's overarching goal is to elevate correctness as a fundamental requirement for scientific computing tools and tool chains, spanning low-level libraries through complex multi-physics simulations and emerging scientific workflows. Deadline: August 12

NSF ECosystem for Leading Innovation in Plasma Science and Engineering (ECLIPSE) The primary goal of the ECosystem for Leading Innovation in Plasma Science and Engineering (ECLIPSE) program is to identify and capitalize on opportunities for bringing fundamental plasma science investigations to bear on problems of societal and technological need within the scope of science and engineering supported by the participating NSF programs. Deadline: August 12

NSF Cognitive Neuroscience (CogNeuro) The Cognitive Neuroscience (CogNeuro) program seeks to fund proposals that can advance our understanding of the neural mechanisms underlying human cognition and behavior. Funded proposals typically relate precise and rich quantifications of physiological responses and behavior in ways that advance theory (Intellectual Merit). Funded proposal also typically strengthen the field through, for example, outreach, mentoring the next generation of diverse cognitive neuroscientists, and/or increasing awareness and utilization of the research the field produces (Broader Impacts). Deadline: August 15

NSF Security and Preparedness (SAP) The Security and Preparedness (SAP) Program supports basic scientific research that advances knowledge and understanding of issues broadly related to global and national security. Research proposals are evaluated on the criteria of intellectual merit and broader impacts; the proposed projects are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Moreover, the Program supports research experiences for undergraduate students and infrastructural activities, including methodological innovations. Deadline: August 15

NIH Large Research Projects for Prevention of Healthcare-Associated Infections (R01) This FOA invites grant applications for funding to conduct Large Research Projects (R01) that propose to advance the base of knowledge for detection, prevention, and reduction of Healthcare-Associated Infections (HAIs). Projects are sought in the following broad areas of HAI research: Determination of the clinical efficacy and effectiveness of preventive interventions, including unintended adverse consequences; and Characterization and assessment of relevant epidemiological aspects of HAIs, including but not limited to patient risk factors, clinical presentation, and sources of antibiotic-resistant organisms involved in the development of HAIs. Deadline: October 5

DOD-ONR FY26 Communications and Networking Applied Research The goal of the Communications and Networking Program within the Office of Naval Research (ONR 311) is to support the Navy's Information Warfare vision by developing measurable advances in technology that can directly enable and enhance end-to-end connectivity and quality-of-service for mission-critical information exchange among widely dispersed naval, joint, and coalition forces. The ONR is interested in white papers under the following focus areas: 1. Laboratory proof-of-concept for an atomic sensor receiver design and performance characterization in the very low frequency communications band; 2. Energy-efficient wireless communication antennas/protocols/algorithms implementations for data/telemetry exchange with over-the-horizon unmanned / unattended systems; 3. Innovative approaches and technologies for low probability-of-detection communications against advanced electronic threats; 4. Advanced techniques for distributed network control, synchronization, and/or scheduling; and 5. Novel algorithms for predicting network behavior/performance or emerging operational requirements that can then be translated into traffic engineering policies. Deadlines: Juley 25 – White paper; August 14 – Oral presentation; September 26 – Full proposal by invite

DOD-DARPA Defense Sciences Office (DSO) Office-wide BAA The Defense Advanced Research Projects Agency (DARPA) Defense Sciences Office (DSO) is soliciting proposals that investigate innovative approaches that enable revolutionary advances in science, devices, or systems for national security applications. DSO is interested in engaging with the R&D community to tackle complex challenges and develop impactful capabilities. DSO organizes its research portfolio into the high-interest thrust areas, but will consider any fundamental research concept, idea, or effort that addresses DARPA's mission to make pivotal investments in breakthrough technologies for national security. Thrust areas include: Materials, manufacturing, and structures; Sensing, measuring, and affecting; Math, computation, and processing; and Complex, dynamic, and intelligent systems. Deadline: On-going

3. **Anticipated Funding Opportunities**

NIH Tuberculosis Research Units (P01)

NIH Influenza Transmission Research Consortium (P01)

NIH Partnerships for Development of Vaccines to Prevent Mycobacterium tuberculosis Infection and/or Tuberculosis (R01)

4. **Other:**

DOE Office of Electricity Energy Storage Program Annual Meeting and Peer Review August 5-7; Hilton McLean Tysons Corner, 7920 Jones Branch Dr., McLean, VA 22102. Hotel rate of $183/night. Meeting registration is $600.