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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.

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 Research Traineeship Program \(NRT\)](#) The NRT Program accepts proposals in any interdisciplinary or convergent research theme of national importance and encourages specific priority research areas that change periodically. All interdisciplinary or convergent research themes should align with NSF or other national STEM research priority areas and have high potential to develop novel, innovative practices in graduate education. Proposers should describe the importance of the NRT project's thematic focus to the Nation and the particular need to train students for a variety of careers in that thematic area. Only **two** submissions are allowed per institution as lead or collaborator.

Internal deadline: Preproposal due in InfoReady by June 30 ([template](#))

Sponsor deadline: September 8

Internal Coordination Required: [DOC NATCAST 2025 Workforce Awards Program](#) Through the Workforce Awards, Natcast will invest in semiconductor industry-related training and educational supports for American workers to help close workforce and skills gaps in the United States for researchers, engineers, and technicians involved in semiconductor design, manufacturing, and production. Illustrative examples of evidence-based workforce development strategies and methodologies that may be considered for this program include, but are not limited to initiatives that: Support paid work-based learning, including registered apprenticeship and pre1apprenticeship programs; Issue industry-recognized credentials; Confer semiconductor industry-relevant degrees, such as undergraduate or graduate programs in computer engineering, electrical engineering, technology, informatics, computer programming, chemical engineering, or industrial engineering, offered by two- or four-year colleges or universities; Modernize or create curriculum, including with direct input from employers; Combine on-the-job training, industry-aligned curriculum, effective classroom instruction,

mentorship, credentialing, and/or recognized wage gains for demonstrated skills milestones; Provide training integrated with additional supports that reduce barriers to entry in program participation (i.e. transportation); Enhance the capacity and skills of educators; and Facilitate experiential learning opportunities such as worker cooperatives, externships, internships, or capstone projects. Purdue is planning a coordinated response.

Internal deadline: Please contact Sumar Kaukab, skaukab@purdue.edu, for more information.

Sponsor deadlines: August 11 – LOI; October 15 – Full proposal

Internal Coordination Required: [SMART USA Project Solicitation 1: Research Gaps to Achieve Digital Twin Innovation](#) This program seeks to fund innovative projects that advance digital twin capabilities and their applications to optimize semiconductor design, manufacturing, packaging, assembly, and testing processes. Through collaborative research, SMART USA strives to enhance U.S. semiconductor manufacturing competitiveness, reduce costs, improve yields, and develop a skilled workforce that can leverage these transformative technologies. A project team must consist of at least three distinct organizations. SMART USA will facilitate teaming through the SMART USA Summit 2025, June 26-27, 2025, in Arlington, VA. Projects require a 2:1 cash cost share ratio. For every \$1 in Institute cash contributed, proposers can access \$0.50 in Federal cash funds and must also provide \$1 in In-Kind contributions.

Purdue's internal process aims to identify proposals that are not only highly competitive in advancing SMART USA's goals but also closely aligned with Purdue's strategic priorities in microelectronics. **You must apply through this process for access to university cash contributions.** Purdue has limited cash resources beyond our Academic Tier 1 membership to strategically advance SMART USA's stated outcomes and institutional priorities. Due to the short turnaround time for the Call for Proposals (CFP), only teams that are already formed, have a history of established industrial partnerships, and are well-positioned for success in the SMART USA Manufacturing Institute's CFP will be considered. Purdue's cash contributions will be used to maximize the proposal's strength and likelihood of success. We anticipate selecting a maximum of two proposals for university cash contributions. For questions, contact Jennifer Wonder (jwonder@purdue.edu).

Internal deadline: June 19 – Email pre-proposal to SIR@purdue.edu ([details and template](#))

Sponsor deadline: August 11

2. Selected Funding Opportunities:

[NIH Director's New Innovator Award Program \(DP2\)](#) The NIH Director's New Innovator Award supports early stage investigators of exceptional creativity who propose bold and highly innovative research projects with the potential to produce a major impact on broad, important areas relevant to the mission of NIH. Applications in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. Deadline: August 19

[NIH Directors Pioneer Award Program \(DP1\)](#) The NIH Director's Pioneer Award supports individual scientists of exceptional creativity who propose bold and highly innovative research projects with the potential to produce a major impact on broad, important areas relevant to the mission of NIH. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator's research program or elsewhere. Applications in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. Deadline: September 9

[NIH Directors Transformative Research Awards \(R01\)](#) The NIH Director's Transformative Research Award supports individual scientists or groups of scientists proposing bold, groundbreaking, exceptionally innovative, original, and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Applications in all topics relevant to the broad mission of NIH are encouraged, including, but not limited to, behavioral, social,

biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. No preliminary data are required. Projects must clearly demonstrate, based on the strength of the logic, a compelling potential to produce a major impact in a broad area of relevance to the NIH. Deadline: September 3

DOD-DARPA Ag x BTO The Defense Advanced Research Projects Agency (DARPA) is looking for innovative ideas to develop novel capabilities for national security. DARPA's Biological Technologies Office (BTO) wishes to catalyze future efforts to defend agriculture against threats both naturally occurring and manmade. DARPA may select teams to attend a workshop and follow-on Pitch Day hosted in the DC area, based on the submissions from this Special Topic Area. Areas of interest include: Advances to early warning systems for chemical and biological threat surveillance and detection; Rapid-response agricultural countermeasures to defend against threats; Massively accelerated and expanded crop engineering for long-term threat defeat; Integrated and comprehensive threat prediction and modeling for our agricultural systems; and Novel methods to assess the occurrence of human intervention and to attribute provenance. This Special Topic Area (STA) is a supplementary, limited period announcement to solicit, collect, and assess disruptive solutions, and make those solutions available through rapid acquisition pathways. Deadline: August 31

American Association for Cancer Research & Hope Scarves Metastatic Breast Cancer Innovation and Discovery Grant This grant mechanism aims to foster innovation and advance the translation of promising ideas in metastatic breast cancer research, including the exploration of potential therapeutic targets and biomarkers. By supporting efforts to bridge basic science with emerging treatment strategies, the grant also aims to foster the development of the next generation of cancer researchers. Research projects may be basic, clinical, or translational in nature and must have direct applicability and relevance to metastatic breast cancer. Applications are invited from researchers currently studying metastatic breast cancer, as well as investigators with experience in other areas of cancer or biomedical research. Applicants must be AACR members. Deadline: July 24

Burroughs Wellcome Fund Climate Change and Human Health Seed Grants The Burroughs Wellcome Fund aims to stimulate the growth of new connections between thinkers working in largely disconnected fields, who, together, may change the course of climate change's impact on human health. We are primarily, but not exclusively, interested in activities that build connections between basic and early biomedical scientific approaches and ecological, environmental, geological, geographic, and planetary-scale thinking, as well as with population-focused fields, including epidemiology and public health, demography, economics, and urban planning. Also of interest is work piloting new approaches or interactions aimed at reducing the impact of health-centered activities, such as developing more sustainable systems for healthcare, care delivery, and biomedical research. Deadline: July 24

NEH Rediscovering Our Revolutionary Tradition The National Endowment for the Humanities (NEH) Division of Preservation and Access is accepting applications for the Rediscovering Our Revolutionary Tradition program. The purpose of this program is to preserve and improve access to primary source materials that document the history of America's founding era and of American government in federal, state, and local contexts. Supported activities include conservation treatment and rehousing, digitization and description, transcription and translation, and updating existing digital resources to ensure long-term public availability. Deadline: September 4

3. Anticipated Funding Opportunities

NIH Artificial Intelligence and Technology Collaboratory

NIH Core Centers for Clinical Research (CCCR) (P30)

NIH Ancillary Studies to Ongoing Clinical Projects (R01) and (R21)

NIH Engineering Improved Stem Cell-Derived Islet Cells for Replacement Therapies

