Please see below for a partial list of funding opportunities.

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 <u>here</u>.

\*\* To receive this newsletter directly to your inbox, please sign up for the listserv by emailing <u>listserv@lists.purdue.edu</u>. 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 (<u>https://purdue.infoready4.com/</u>). Purdue's open limited submission competitions, templates, and limited submission policy may be found at <u>http://www.purdue.edu/research/funding-and-grant-writing/limited-submissions.php</u>. 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 <u>EVPRPlimited@purdue.edu</u>.

*Limited Submission:* <u>DOE-SC Accelerated Research in Quantum Computing</u> The DOE SC program in Advanced Scientific Computing Research (ASCR) announces its interest in receiving applications that advance the field of quantum computing by developing enabling end-to-end software infrastructures. This FOA solicits applications from large cross-disciplinary teams that will advance computer science toward a software stack that is ready to leverage multiple quantum technologies, or will develop mathematical foundations, algorithms, and software tools toward quantum utility demonstration for applications within the DOE mission. Research proposed in response to this FOA must primarily focus on addressing one of the two topics: Modular software stack or Quantum utility. Up to *three* submissions are allowed per institution as lead.

Internal deadline: Preproposal due in InfoReady by February 19 (template)

Sponsor deadline: March 13 – Pre-application; May 8 - Application

## 2. Selected Funding Opportunities:

**NSF Civic Innovation Challenge (CIVIC)** The Civic Innovation Challenge (CIVIC) is a research and action competition that accelerates the transition to practice of foundational research and emerging technologies into communities through civic-engaged research. For this solicitation, civic partnership and engagement activities, communities, and academic and civic partners must be based in the United States or its protectorates. For purposes of clarity, civic partners may include local, state, or tribal government officials; non-profit representatives; communities. CIVIC is organized as a two-stage competition with two tracks centered around the following topic areas: Track A. Climate and Environmental Instability - Building Resilient Communities through Co-Design, Adaption, and Mitigation; Track B. Bridging the gap between essential resources and services & community needs. Only Stage 1 CIVIC recipients can submit to the CIVIC Stage 2 competition. Deadline: May 1

**NSF Atmospheric & Geospace Sciences Community Instruments and Facilities (AGS-CIF)** The intent of the Community Instruments and Facilities (CIF) solicitation is to provide the NSF-sponsored atmospheric sciences research community with access to specialized instrumentation for field and laboratory-based studies. The CIF solicitation requests proposals from instrument and facility providers who will make their equipment available

for community use through an NSF-defined request process. Support will be provided for limited technician time, minor upgrades, and travel for outreach. Deadline: March 15 – LOI; May 1 – Full proposal

**NSF Dear Colleague Letter: Research Collaboration Opportunity in Europe for NSF Recipients** This letter invites current NSF recipients to submit supplemental funding requests for research visits to any identified, appropriate ERC-funded European research group. NSF particularly encourages requests from NSF funded researchers who are early in their careers or who are still actively building their careers. Further, the letter gives instructions on how to submit supplemental funding requests and other relevant policies and requirements. Deadline: May 17

<u>NIH Multi-Scale Models Bridging Levels of Analysis in Aging and Alzheimer's Disease (AD) and AD-Related</u> <u>Dementias (ADRD) (R01)</u> The purpose of this funding opportunity is to invite applications proposing to establish multi-scale computational models recapitulating dynamic changes associated with aging and Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD). This broad scope encompasses a variety of computational approaches such as mathematical and computational modeling, image analysis, artificial intelligence, and machine learning to better understand aging processes and AD/ADRD across molecules, cells and networks, and cognition and behavior. Deadline: June 13

<u>NIH Investigating Distinct and Overlapping Mechanisms in TDP-43 Proteinopathies, including in LATE, FTD and</u> <u>other ADRDs (R01)</u> This FOA would support establishing deeper mechanistic insight and causal relationships between TDP-43 pathology and phenotypic outcomes, as well as mechanistic interactions between TDP-43 and other co-pathologies, such TMEM106B. Additionally, it would include comparisons (including mechanistic, molecular, structural, cellular, genetic, -omic, anatomical, neuropathological, etc.) between TDP-43 proteinopathies, including LATE, with or without AD-NC, and FTD and/or ALS. Deadline: June 4

<u>NIH Mechanistic Investigations into ADRD Multiple Etiology Dementias (R01)</u> This NOFO supports investigations with a minimum of two Alzheimer's Disease-Related Dementias (ADRD) co-pathologies (e.g., tau, alpha-synuclein, TDP-43, TMEM106B, vascular), with or without risk factors and co-morbidities, in the same model system to identify cellular and molecular mechanisms of how and when these multi-pathology interactions drive worsening ADRD pathophysiology and phenotypic outcomes, such as cognitive, behavioral, or functional impairment. Deadline: June 4

<u>NIH Novel Approaches to Support Therapeutic Development in Ultra-Rare Cancers (U01)</u> The purpose of this NOFO is to encourage new approaches to support therapeutic development in ultra-rare pediatric and adult cancers, including molecularly-defined subsets of more common cancers. Deadline: April 5

**DOC-NIST Center of Excellence in Climate Measurements (CECM) Program** NIST is seeking eligible applicants for the creation of an interdisciplinary Center of Excellence in Climate Measurements. The center will coordinate activities to advance efforts to establish national standardization of methods and metrics for forecasting consequences of climate trends at scales important to communities across multiple geographies and over time. The center will carry out research and will act as a convener and leader in this field of research by collaborating with NIST and other stakeholders to develop standard practices, methodologies, and tools that will assist communities in making quantitative predictions of climate-related effects on their communities. Deadline: April 1

<u>USDA-NIFA Higher Education Multicultural Scholars</u> The purpose of this competitive undergraduate scholarship grant program is to increase the multicultural diversity of the food and agricultural scientific and professional workforce, and advance the educational achievement of all Americans by providing competitive grants to colleges and universities. Deadline: April 1

## DOJ-NIJ Opportunities:

- NIJ FY24 Research on School-Based Hate Crimes Deadline: April 5
- NIJ FY24 Research on the Abuse, Neglect, and Financial Exploitation of Older Adults Deadline: April 15

- <u>NIJ FY24 Research and Development in Forensic Science for Criminal Justice Purposes</u> Deadline: April 18
- *NIJ FY24 Research and Evaluation for the Testing and Interpretation of Physical Evidence in Publicly Funded Forensic Laboratories* Deadline: April 22
- <u>NIJ FY24 Longitudinal Research on Delinquency and Crime</u> Deadline: April 18
- NIJ FY24 Research and Evaluation of Services for Victims of Crime Deadline: May 1
- <u>NIJ FY24 Research and Evaluation on Trafficking in Persons</u> Deadline: May 1
- <u>NIJ FY24 Research and Evaluation on Violence Against Women</u> Deadline: May 1
- NIJ FY24 Research and Evaluation on Firearm Violence and Mass Shootings Deadline: May 6
- NIJ FY24 Research and Evaluation on Hate Crimes Deadline: May 6
- *NIJ FY24 Research and Evaluation on the Impact of Technologies for Forensic Science Applications* Deadline: May 6
- <u>NIJ FY24 Evaluation on Desistance</u> Deadline: May 7
- NIJ FY24 Research and Evaluation on Corrections Deadline: May 14

**Burroughs Wellcome Climate Change and Human Health Seed Grants** This program provides small grants to promote growth of new connections between scholars, practitioners, educators, and/or communicators working to understand, spread the word about, and mitigate the impacts of climate change on human health. Selection will be based on the logic of the proposed activity, its potential impact on stimulating development of effective partnerships that may influence understanding of the interplay between climate change and human health or model effective approaches to changing how people, systems, places, or organizations think about the impact of climate change on human health. To be competitive, the proposed support should not be to fund the applicant's current projects but should be utilized to catalyze new transdisciplinary effort. Deadline: Accepted quarterly through July 2026

## 3. Other:

NSF Call for nominations for the National Medal of Science