

**\*\*** 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: NSF Quantum Leap Challenge Institutes (QLCI)** Quantum Leap Challenge Institutes are large-scale interdisciplinary research projects motivated by major challenges at the frontiers of quantum information science and technology (QIST). Institutes are expected to catalyze breakthroughs on important problems underpinning QIST, for example in the focus areas of quantum computation, quantum communication, quantum simulation and/or quantum sensing. Successful institutes will coordinate a variety of approaches to specific scientific, technological, and educational goals in these fields, including multiple institutions and building upon multiple disciplines, as motivated by the science and engineering challenges. Only **two** proposals are allowed as lead.

*Internal deadline:* Preproposals are due in InfoReady by September 30 ([template](#))

*Sponsor deadlines:* February 7 – LOI; March 7 – Preliminary proposal; September 17 – Full proposal by invite

**Internal Coordination Required: NSF Mid-scale Research Infrastructure-1 (Mid-scale RI-1)** The NSF Mid-scale Research Infrastructure-1 Program (Mid-scale RI-1) supports either *design* activities or *implementation* of unique and compelling RI projects. Mid-scale implementation projects may include any combination of equipment, instrumentation, cyberinfrastructure, broadly used large scale datasets and the personnel needed to successfully commission the project. Within Mid-scale RI-1, proposers may submit two types of projects, "Implementation" (e.g., acquisition and/or construction) or "Design". The "Design" track is intended to facilitate progress toward readiness for a mid-scale range implementation project. Both Implementation projects and Design activities may involve new or upgraded research infrastructure. Mid-scale RI-1 "Implementation" projects may have a total project cost ranging from \$4 million up to but not including \$20 million. Mid-scale RI-1 "Design" activities may request less than \$4 million, with a minimum request of \$400,000 and a maximum request up to but not including \$20 million, as appropriate, to prepare for a future mid-scale range implementation project.

*Internal deadline:* Contact [OORlimited@purdue.edu](mailto:OORlimited@purdue.edu) by **September 9** if interested in submitting an application to this program

*Sponsor deadlines:* November 18 – Preliminary proposal; March 19 – Full proposal by invite

**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 Trailblazer Engineering Impact Award](#)** The NSF TRAILBLAZER program supports individual investigators who propose novel research projects with the potential to innovatively and creatively address national needs and/or grand challenges, advance US leadership, and catalyze the convergence of engineering and science domains. TRAILBLAZER will support engineers and scientists who leverage their distinctive track record of innovation and creativity to pursue new research directions that are distinct from their previous or current research areas. Only single PI TRAILBLAZER proposals will be accepted in response to this solicitation. An informational webinar will be held on October 15. Deadlines: November 15 – LOI; January 14 – Preliminary proposal; April 15 – Full proposal

**[NIH Understanding the mechanisms underlying the age-related changes in gait biomechanics and the impact on the increased metabolic cost of walking \(R01\)](#)** This Notice of Funding Opportunity (NOFO) encourages interdisciplinary collaborations to design integrative approaches that explore interactions among multiple systems (e.g., skeletal, muscle, tendon, somatosensory, and central nervous). This NOFO also encourages innovative approaches such as computational modeling, imaging and sensor technologies, machine learning, and artificial intelligence to disentangle compensatory gait alterations with aging that contribute to increased metabolic cost of walking and fatigue. Areas of interest include: 1) mechanisms and effects of central nervous system changes; 2) neuromuscular changes; 3) skeletal muscle bioenergetics; 4) computational modeling and simulation; and 5) changes in tissue structure and function (e.g., muscle-tendon complex, extracellular matrix). Deadline: November 7

**[NIH Advancing Healthcare for Older Adults from Populations that Experience Health Disparities \(R01\)](#)** The purpose of this initiative is to advance the science and implementation of innovative multi-level health care research for older adults from populations that experience health disparities. The initiative will support research designed to (1) gain a better understanding of appropriate screening, diagnostic, and clinical care guidelines in a primary care setting, (2) explore shared decision-making that is needed to enhance care planning and patient agency between clinicians and care teams with the older adult and their caregiver(s), and (3) identify effective strategies for care coordination. Deadline: February 5

**[NIH The Impact of Stressors on the Biological Mechanisms of Aging and Other Aging-Associated Outcomes in Experimental Model Systems \(R61/R33\)](#)** Research proposed in the initial, exploratory (R61) phase will seek to determine whether exposure to a stressor(s) (e.g., physical, social, and/or environmental stressors of well-defined duration, intensity, and timing) during adulthood results in measurable changes in one or more of the hallmarks of aging. The second, developmental (R33) phase will then expand upon findings yielded in the R61 phase to determine the impacts of the stressor(s) on lifespan, healthspan, resilience, and/or interactions with other “input variables” such as genotype, diet, interventions, etc. Deadline: November 7

**[HHS-CDC Research Grants for Preventing Violence and Violence Related Injury \(R01\)](#)** The CDC’s National Center for Injury Prevention and Control (NCIPC) is soliciting investigator-initiated research to support evaluation of innovative programs, practices, or policies to address risk for violence and inequities in risk for violence among groups experiencing a high burden of community violence. This effectiveness research will help expand and advance understanding of approaches to prevent community violence and to eliminate racial and ethnic

inequities in risk for community violence. Innovative approaches are those that have not been rigorously evaluated for effectiveness in reducing community violence. Deadline: December 2

**[NEH National Digital Newspaper Program](#)** The National Endowment for the Humanities (NEH) Division of Preservation and Access is accepting applications for the National Digital Newspaper Program. This program creates a national digital resource of historically significant newspapers published between 1690 and 1963 from all 56 states and U.S. jurisdictions. The Library of Congress (LOC) maintains this freely accessible, searchable online database. Deadline: January 10

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

**[NIH Notice of Intent to Publish a Funding Opportunity Announcement for BRAIN Initiative Connectivity across Scales \(BRAIN CONNECTS\): Specialized Projects for Scalable Technologies \(U01\)](#)**

**[NIH Notice of Intent to Publish a Funding Opportunity Announcement for Tobacco, Alcohol, and Cannabis Policy Research for Health Equity \(R01\) and \(R21\)](#)**

**[NIH Notice of Intent to Publish a Funding Opportunity Announcement for Blueprint Neurotherapeutics Network \(BPN\): Biologic-based Drug Discovery and Development for Disorders of the Nervous System \(UG3/UH3\)](#)**

**[NIH Notice of Intent to Publish a Funding Opportunity Announcement for Computational Approaches to Curation at Scale for Biomedical Research Assets \(R01\)](#)**

**[HHS-CDC Innovative Approaches for TB Prevention and Case Finding to END TB](#)**

**[DOE NOI to Issue Funding Opportunity Announcement No. DE-FOA-0003215, titled University Training and Research for Fossil Energy and Carbon Management](#)**

### 4. **Other:**

**[DOE ARPA-E Request for Information \(RFI\) on Enabling and Transformative Technologies for Superhot Geothermal Power](#)**

**[DOE ARPA-E Request for Information \(RFI\) - Engineering Solutions to Harvest Biomass Carbon for Durable Removal and Storage \(Carbon Harvesting\)](#)**

***Purdue Office of Research (OOR) Workshops*** These workshops will be especially helpful to new faculty but all faculty are invited to attend.

- **Finding Funding, Limited Submissions, and Proposal Submission** This workshop provides an excellent opportunity for faculty to learn more about Purdue's policies and processes related to the development, submission, and management of research proposals. This workshop will take place on Tuesday, September 3 from 1:30PM to 3:00PM, in Stewart Center, room 202. For more information and to register, please visit: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_9zPtWKBmrXqkAk6](https://purdue.ca1.qualtrics.com/jfe/form/SV_9zPtWKBmrXqkAk6).
- **Successful Grant Writing Strategies** This workshop focuses on best practices for proposal writing and available services to assist with these efforts. This workshop will take place on Tuesday, September 17 from Noon-1:30, in Stewart Center, room 214. Lunch is provided. For more information and to register, please visit: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_d43UEsFO0BY7ZmS](https://purdue.ca1.qualtrics.com/jfe/form/SV_d43UEsFO0BY7ZmS).
- Please visit <http://www.purdue.edu/research/funding-and-grant-writing/events.php> for the full list of upcoming workshops.