

Dear Associate Deans for Research and Department Heads,

Please see below for a partial list of funding information that may be of interest to members of your faculty.

*PLEASE NOTE: Pivot [formerly Community of Science (COS)] 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](#).*

**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](mailto:EVPRPlimited@purdue.edu).

**Limited Submission: [Google Cybersecurity Clinics](#)** The Google Cybersecurity Clinics Fund is a Google initiative to help more students pursue careers in the high-demand field of cybersecurity while protecting critical U.S. infrastructure - such as hospitals, municipalities, nonprofits, schools, and utilities - from cyber attacks. In collaboration with the Consortium of Cybersecurity Clinics and Tides, Google.org is investing in the development of a network of cybersecurity clinics based in universities, colleges, and community colleges across the country. The Google Cybersecurity Clinics Fund is launching an open call, inviting higher education institutions including colleges, universities, and community colleges, or their collaborating organizations, to apply for an award to establish a cybersecurity clinic on their campus. Only **one** application is allowed system-wide.

*Internal Deadline:* Preproposal due in InfoReady by December 11 ([template](#))

*Agency Deadline:* March 1

**2. Selected Funding Opportunities:**

**[NSF Formal Methods in the Field \(FMitF\)](#)** The FMitF program aims to bring together researchers in formal methods with researchers in other areas of computer and information science and engineering to jointly develop rigorous and reproducible methodologies for designing and implementing correct-by-construction systems and applications with provable guarantees. FMitF encourages close collaboration between two groups of researchers: 1) researchers in the area of formal methods, which is broadly defined as principled approaches based on logic and mathematics to specification, modeling, design, analysis, implementation, abstraction, verification, synthesis, and optimization of systems, networks and applications; and 2) researchers in the "field," which is defined as any area within computer and information science and engineering that would benefit from developing and applying formal methods in their research. All proposals must make a strong case for why formal methods is appropriate for the field area. Deadline: February 20

**[NIH NHLBI Program Project Applications \(P01\)](#)** The proposed programs may address scientific areas relevant to the NHLBI mission including the biology and diseases of the heart, blood vessels, lung, and blood; blood resources; and sleep disorders. Programs may also include implementation science, health disparities, and translation research that addresses the mission of the Institute. Each application submitted in response to this NOFO must include at least three related research projects that share a common central theme, focus, and/or overall objective. Higher budgets may be requested for applications that include at least four projects, one of which includes an Early Stage Investigator as Project Leader. Deadline: January 25

**[DOE-EERE Industrial Efficiency and Decarbonization Office \(IEDO\) Fiscal Year 2024 Cross-Sector Technologies](#)**

**FOA** This FOA is issued by the Industrial Efficiency and Decarbonization Office (IEDO) to advance transformational cross-sector technologies and innovations needed to reduce industrial energy use and GHG emissions through high-impact applied research, development, and pilot-scale technology validation and demonstration projects. The Topic Areas included in this FOA are: Topic Area 1: Electrification of Industrial Heat Topic Area 2: Efficient Energy Use in Industrial Systems Topic Area 3: Decarbonizing Organic Wastewater and Wet Waste Treatment. Universities can lead on Topic 1 & 2 and Tier 1 under Topic 3 but can only be a sub on Tier 2 under Topic 3. Deadlines: December 18 – Concept paper; March 20 – Full application

**DOE-NNSA Consortia for Nuclear Nonproliferation** The intent of this FOA is to award two (2) five-year cooperative agreements to consortia consisting of accredited IHEs to provide the opportunity to receive and administer Federal financial assistance funds for student and faculty research, fellowships, and scholarship funding awarded by DOE/NNSA, DNN R&D. The consortium may include student and research fellows and must have a long-term objective of building expertise in scientific disciplines directly relevant to nuclear nonproliferation. Research results should be incorporated readily into IHE curricula. Deadline: February 6

**NASA-ISRO Synthetic Aperture Radar (NISAR) Mission Operations Science Team** The NISAR mission will provide large scale data sets of Earth surface dynamics that are critical to three Earth Science disciplines: 1) Earth Surface and Interior (Deformation), 2) Terrestrial Ecology (Vegetation, Carbon Cycle) and, 3) Cryosphere (Climate Change), and will contribute to others including Terrestrial Hydrology (Water Cycle). NISAR is a joint mission between NASA and ISRO (India Space Research Organisation) and will be the first satellite mission to collect radar data in two microwave wavelengths: L-band (24 centimeter wavelength) from NASA and S-band (10 cm wavelength) from ISRO. Deadline: January 10 – NOI; February 21 – Proposal

**EPA Hydrofluorocarbon Reclaim and Innovative Destruction Grants** This NOFO announces the availability of funds and solicits applications from eligible entities to develop projects for hydrofluorocarbon (HFC) reclamation and innovative destruction technologies. The program has three project areas: reclaim technologies, reclaim market dynamics, and innovative destruction technologies. Successful projects will provide a plan to thoughtfully and actively engage with and mitigate any potential negative human health or environmental risks and hazards to disadvantaged communities in the project design and implementation. Deadline: February 16

**DOI Cooperative Agreement for CESU-affiliated Partner with Great Lakes & Northern Forest Cooperative Ecosystem Studies Unit** The USGS is offering a funding opportunity to a CESU partner for research in assessing remedy effectiveness assessments at Great Lakes Areas of Concern (AOCs). These AOCs suffer from a legacy of sediment contamination by legacy pollutants such as organic contaminants, mercury, and trace metals. Remediation of AOCs is managed through the US EPA Great Lakes National Program Office (GLNPO). Each AOC is listed for a defined set of Beneficial Use Impairments (BUIs) such as restrictions on fish consumption, degraded fish and wildlife populations, and loss of fish and wildlife habitat. In order for EPA to petition for delisting an AOC, all BUIs have to be removed, indicating that the AOC has recovered to some baseline, reference or pre-defined condition. GLNPO, under the Great Lakes Legacy Act, is responsible for managing and remediating AOCs in order to remove BUIs. However, many questions remain regarding the best ways to assess the effectiveness of remedies and habitat restorations employed at AOCs. Deadline: December 22

**Simons Foundation Targeted Grants in MPS** The program is intended to support high-risk theoretical mathematics, physics and computer science projects of exceptional promise and scientific importance on a case-by-case basis. The Targeted Grant in MPS program provides funding for up to five years. The funding level and duration is flexible and should be appropriate based on the type of support requested in the proposal. There is no recommended or assumed funding level for this program. Deadline: Rolling

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

**[HHS-FDA Integrating Machine Learning with Computational Fluid Dynamics Models of Orally Inhaled Drug Products \(U01\)](#)**

4. **Other:**

[\*NSF Frequently Asked Questions \(FAQs\) for NSF Trailblazer Engineering Impact Award \(TRAILBLAZER\) Program\*](#)

[\*NSF Fall 2023 Virtual Grants Conference\*](#) December 4-7 Registration is now open

***AFOSR open forum on Lab-to-Orbit: Accelerating the Development and Testing of Materials for Low Earth Orbit*** on November 29 at 10AM EST. Registration is required by November 27 at:

[https://docs.google.com/forms/d/e/1FAIpQLSdhAloIS\\_-Flneoejx5YmDXjex\\_-lkGltFIGA8l-Of1XSoxFw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdhAloIS_-Flneoejx5YmDXjex_-lkGltFIGA8l-Of1XSoxFw/viewform).

**\*\*Purdue faculty and research staff:** To directly receive this newsletter in your inbox, please sign up for the listserv here: <https://lists.purdue.edu/mailman/listinfo/weeklyfundingopps>. Only *purdue.edu* e-mail addresses will be accepted. \*\*

As always, we appreciate your sharing this information with your faculty. Please contact Sue Grimes ([sgrimes@purdue.edu](mailto:sgrimes@purdue.edu)) with any questions or comments related to this e-mail.