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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](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: [Brain Research Foundation 2025 Seed Grant Program](#)** BRF's Seed Grant Program was initiated in 1981. The purpose of our program is to provide start-up monies for new research projects in the field of neuroscience that will likely lead to extramural funding from the National Institutes of Health (NIH) or other outside funding sources. To be eligible, the PI must be a full-time Assistant or Associate Professor working in the area of studies of brain function. This includes molecular and clinical neuroscience as well as studies of neural, sensory, motor, cognitive, behavioral and emotional functioning in health and disease. The grant proposal must detail a new research project that is not funded by other sources. This grant is not to be used as bridge funding. Each total award is limited to \$80,000 (direct costs) for a two-year grant period. Only **one** submission is allowed.

*Internal deadline:* Preproposal due in InfoReady by October 7 ([template](#))

*Sponsor deadline:* November 19 – LOI; March 27 – Application by invite

**Limited Submission: [ORAU Ralph E. Powe Junior Faculty Enhancement Awards](#)** These competitive research awards provide seed money for junior faculty members that often result in additional funding from other sources. The award amount provided by ORAU is \$5,000. The applicant's institution is required to match the award with at least an additional \$5,000. This is a one-year grant (June 1 to May 31). Full-time assistant professors at ORAU member institutions within two years of their initial tenure track appointment at the time of application are eligible (January 1, 2023 to January 7, 2025). The research project must be in one of the following five disciplines: Engineering and Applied Science; Life Sciences; Mathematics/Computer Sciences; Physical Sciences; or Policy, Management, or Education. For this opportunity, Purdue may nominate **two** candidates.

*Internal deadline:* Preproposals due in InfoReady by October 28 ([template](#))

*Sponsor deadline:* January 8

**Limited Submission: [ORAU Innovation Partnership Program](#)** This program is structured to build stronger relationships between university members and ORAU collaborators by focusing on research and education topics that align well with ORAU's expertise and current priorities. Up to \$4,000 may be requested to support an in-person or virtual event that involves participants from more than one ORAU member institution, including students. Innovation Partnership applications should focus on focused workshops/conferences that highlight your university's strategic STEM research and education growth areas, and where collaborations with other member universities would add value. ORAU is specifically interested in events that can bring more thought leadership in building a national strategy for STEM education and workforce capacity building. Member universities are encouraged to collaborate around this topic in anticipation of federal funding initiatives. Focus

areas for 2025 include: Improving Our Behavioral Health; The Post-Pandemic World; Implementing Innovative Technologies; and Our Changing Planet. Each member university is limited to **two** awards per fiscal year.

*Internal deadline:* Preproposals due in InfoReady by October 28 ([template](#))

*Sponsor deadline:* On-going through September 30, 2025

***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 Pathways to Enable Open-Source Ecosystems \(POSE\)](#)** The overarching vision of POSE is that proactive and intentional formation of managing organizations will ensure broader and more diverse adoption of open-source products; increased coordination of external intellectual content developer contributions; and a more focused route to technologies with broad societal impact. Toward this end, the POSE program supports the formation of new OSE managing organizations based on an existing open-source product or class of products, whereby each organization is responsible for the creation and management of processes and infrastructure needed for the efficient and secure development and maintenance of an OSE. This solicitation seeks two types of proposals, allowing teams to propose specific activities to scope and plan the establishment of an OSE (Phase I), and to establish a sustainable OSE based on a robust open-source product that shows promise in the ability to both meet an emergent societal or national need and build a community to help develop it (Phase II). Phase I awardees are not obligated to submit Phase II proposals in the future. An NSF POSE Phase I award is not required for the submission of a Phase II proposal. Deadlines: January 14 – Phase I proposal; September 2 – Phase I and Phase II proposals

**[NSF Molecular Foundations for Biotechnology \(MFB\)](#)** This initiative supports fundamentally new approaches in molecular sciences to drive new directions in biotechnology, a critical and emerging technology of the 21st century. This MFB solicitation calls for creative, cross-disciplinary research and technology development proposals to accelerate understanding of RNA function in complex biological systems and to harness RNA research to advance biotechnology. Deadline: December 16

**[NSF Multilateral Partnerships Leveraging Excellence \(MultiPLEx\)](#)** The MultiPLEx program seeks to support visionary, and ambitious international multilateral research partnerships that are required to hasten progress in addressing grand challenges by leveraging research excellence in the U.S. and around the globe. The program also seeks to advance understanding of effective multilateral collaboration. MultiPLEx funds support the U.S. research team. Research partners should seek funding from their own national funding agencies or from other sources. Deadline: On-going

**[NSF Dear Colleague Letter: NSF ANR Chemistry Lead Agency Opportunity on Sustainable Chemistry: Catalysis with Earth-Abundant Elements](#)** The U.S. National Science Foundation (NSF) and the French National Research Agency (ANR) have signed a Memorandum of Understanding (MOU) on Research Cooperation. The scope of this call for proposals is fundamental research in homogeneous catalysis with Earth-abundant elements. Deadlines: Now to March 2, 2025 – Expression of Interest; June 2, 2025 – Proposal

**[NIH Imaging - Science Track Award for Research Transition \(I/START\) \(R03\)](#)** This notice of funding opportunity (NOFO) encourages Small Research Grant (R03) applications to facilitate the entry of investigators to the area of neuroimaging, including both newly independent investigators and established investigators seeking to adopt neuroimaging methodologies in their research programs, to enable the conduct of small "proof of concept" studies. Deadline: February 16

**[NIH Notice of Special Interest \(NOSI\): Consequences of Prenatal Fentanyl Exposure](#)** The purpose of this Notice of Special Interest (NOSI) is to promote research on neurobehavioral, neurological, and potential teratogenic effects of prenatal fentanyl exposure in humans and in animal models. Research areas include but are not limited to: Potential prenatal fentanyl syndrome, epidemiology, human development, preclinical models, mechanism, developmental consequences, and therapy. Deadline: June 5, 2025

**[NIH Notice of Special Interest \(NOSI\): Application of Artificial Intelligence in Treatment Development for Substance Use Disorders](#)** The purpose of this Notice of Special Interest (NOSI) is to elicit projects that would leverage the power of generative AI/ML and predictive models to accelerate medication discovery and development for treatment of SUDs while reducing the risk of failure. Areas of interest include: de novo design, identification, optimization, AI-enabled virtual screening, and chemical synthesis design. Deadline: June 5, 2025

**[DOD-DARPA Biological Technologies](#)** This announcement seeks revolutionary research ideas for topics not being addressed by ongoing BTO programs or other published solicitations. BTO is interested in submissions to the following topic areas: General topics; Machine learning and artificial intelligence; Human performance; Materials, sensors, processing; Ecosystem and environmental; Biosecurity and biosafety; and Biomedical and biodefense. Deadline: On-going through September 10, 2025

**[DOD-CDMRP Glioblastoma Research Program \(GBMRP\)](#)** The GBMRP seeks to improve glioblastoma patient survival and reduce adverse impact on Service Members, Veterans, their Families and the American public. Mechanisms include: Hypothesis Development Award and Resource Development Award. Deadlines: November 6 – Pre-application; November 20 - Application

**[DOE-NETL Undocumented Orphaned Well Characterization and Remediation](#)** This announcement aligns with Department of Energy's Office of Resource Sustainability's Methane Mitigation Technologies Program to develop advanced tools and technologies that will significantly reduce methane emissions and other environmental impacts associated with undocumented orphaned wells. This announcement will support the undocumented orphaned wells subprogram by soliciting research on new processes and development of new materials, tools, and technologies for wellbore characterization, effective plugging and abandonment operations, and pre and post plugging and abandonment emissions monitoring. Deadline: November 13

**[DOI-BOR Desalination and Water Purification Research Program: Research Projects FY25](#)** The funds provided through this NOFO will be available for selected recipients to conduct water treatment related research. Reclamation's Brackish Groundwater National Desalination Research Facility (BGNDRF) in Alamogordo, New Mexico, and Water Quality Improvement Center (WQIC) in Yuma, Arizona, may be available if a location for testing is needed. Deadline: November 13

**[NASA-ROSES Carbon Cycle Science](#)** NASA seeks proposals that make significant use of remote sensing data to improve understanding of changes in the distribution and cycling of carbon among the active land, ocean, coastal, and atmospheric reservoirs, and how that understanding can be used to establish a scientific foundation for societal responses to environmental change. Deadlines: October 17 – NOI; February 3 - Proposal

**[NASA-ROSES Decadal Survey Incubation Program: Science and Technology](#)** This program element supports the development of Earth observing instrument sensor systems, advanced information systems, and enabling science studies to further advance PBL and STV. The ultimate intent of DSI is to enable the next generation of possible measurement approaches, system architectures, and mission concepts to address PBL and STV needs. Deadlines: October 17 – NOI; December 17 - Proposal

**[Alex's Lemonade Stand Foundation for Childhood Cancer](#)** Alex's Lemonade Stand Foundation (ALSF) emerged from the front yard lemonade stand of 4- year-old Alexandra “Alex” Scott, who was fighting cancer and wanted to raise money to find cures for all children with cancer. The mission of ALSF is to change the lives of children with cancer through funding impactful research, raising awareness, supporting families, and empowering everyone to help cure childhood cancer.

- ***Innovation Grant*** Deadlines: October 16 – LOI; March 18 – Full application
- ***Young Investigator Grant*** Deadline: December 12
- ***RUNX1 Early Career Investigator Grant Program*** The Deadline: December 19

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

**[Notice of Intent to issue DOE-NETL Renewable Integration Management with Innovative High Voltage Direct Current Power Circuit Breakers \(REIMAGINE BREAKERS\)](#)**

### 4. **Other:**

**[DOE Request for Information \(RFI\) Technology and Market Potential of Photovoltaic-Thermal \(PVT\) Systems in the United States](#)**

***Write Winning Grants Workshop*** Purdue is pleased to again host Dr. John Robertson of *Grant Writers' Seminars and Workshops, LLC* for this highly acclaimed grant writing program. Emphasis is given to such things as idea development, identification of the most appropriate granting agency, how to write for reviewers, and tips and strategies that are of proven value in presenting an applicant's case to reviewers. The workshop provides intensive grant writing training interspersed with specific details by agency. Participants will also choose one of four workbooks which provide agency specific grant writing tips and suggestions. The choices include: National Institutes of Health, National Science Foundation, U.S. Dept. of Agriculture, or “Any Other Agency”, which covers agencies other than those listed. This **full-day workshop is designed for faculty and full-time staff researchers** who have had some exposure to writing grant applications. Lunch will be provided. Registration is required at: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_8w9awiV2HzdGMQK](https://purdue.ca1.qualtrics.com/jfe/form/SV_8w9awiV2HzdGMQK). **PLEASE NOTE: We are unable to accommodate students. Postdoc participants have already been selected for this year.**

**[Office of Research Workshops: NIH 101 and NIH 102](#)** The Office of Research is pleased to offer two workshops focused on the National Institutes of Health (NIH). These workshops are open to any faculty interested in learning more about NIH and strategies for successful grant writing specific to this agency. Perry Kirkham, Coordinator of NIH Research Development and former NIH program officer, is the presenter for both sessions.

- **NIH 101** will be held on October 1, 1:30-3PM, Stewart Center room 202. This session will provide an overview and an update on the various institutions of the NIH. Knowledge and familiarity with NIH institutes can be a tremendous advantage during the writing, submission and post-review phases of your submission. This session will address the individual institute missions and plans, as well as possible funding mechanisms and how to position yourself for a successful NIH-funding career. Register at: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_8A091sk3xQaV5Ou](https://purdue.ca1.qualtrics.com/jfe/form/SV_8A091sk3xQaV5Ou).
- **NIH 102** will be held on October 8, 1:30-3PM, Stewart Center room 311. This workshop will provide a follow up to the NIH 101 overview and will address the NIH review process, as well as how to develop a useful submission strategy using publicly accessible NIH award and study section data. Participation in the NIH 101 session is not a requirement for participating in this workshop. Register at: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_56m97Y68i0rDKrl](https://purdue.ca1.qualtrics.com/jfe/form/SV_56m97Y68i0rDKrl).