

Below is this week's list of selected funding opportunities that may be of interest to Purdue faculty. Please review the opportunities and follow the links for additional details, eligibility requirements, and application instructions.

As a reminder, 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.

#### **LIMITED SUBMISSIONS & INTERNAL COORDINATION**

**Limited Submission 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).

#### **Gabrielle's Angel Foundation – 2026 Medical Research Awards - Via InfoReady**

**KEYWORDS:** Hematologic malignancies, blood cancer, translational research, integrative medicine, early-career investigators

**FUNDING:** \$225K over 3 years | **INTERNAL DEADLINE:** June 15 | **SPONSOR DEADLINE:** August 14 | **COST SHARE:** No | **LIMITED:** Yes (1 conventional and 1 integrative per institution)

**DESCRIPTION:** Supports innovative translational research focused on hematologic malignancies by junior faculty investigators at nonprofit research institutions. Purdue may submit one application each in the Conventional Research and Integrative Medicine categories. Integrative projects may include evidence-based complementary approaches such as nutrition, meditation, acupuncture, yoga, music therapy, or symptom-management interventions designed to improve quality of life and treatment outcomes for patients with blood cancers. Indirect costs are limited to 10%.

#### **Frontiers Planet Prize (via NASEM U.S. Nomination) – via InfoReady**

**FUNDING:** \$1M prize | **INTERNAL DEADLINE:** July 1 | **SPONSOR DEADLINE:** November 1 (nomination) | **COST SHARE:** No | **LIMITED SUBMISSION:** Yes, limit of three nominations per National Nominating Body (NNB) (i.e. - Purdue)

**DESCRIPTION:** The Frontiers Planet Prize recognizes transformational research that shows the greatest potential to address the world's most urgent environmental challenges. With that in mind, the process is exceptionally rigorous and thorough, and engages with all stakeholders within the academic community. NNBs submit up to three nominations which are then down-selected by the National Representative Board (NRB) to three projects per country. The July of 100 selects a champion for each country and, from that group, then selects three international champions who each win a \$1M prize.

#### **DOC-NIST CHIPS Research and Development Office Broad Agency Announcement - Internal Coordination Required**

**DESCRIPTION:** NIST is soliciting proposals from eligible applicants for research, prototyping, and commercial solutions that advance microelectronics technology in the U.S., to be considered for funding by the CHIPS Research and Development Office (CRDO). Internal coordination is required. If you plan to submit a white paper for this BAA, you must contact Jessica Lawrence ([jlawrenc@purdue.edu](mailto:jlawrenc@purdue.edu)).

#### **INTERNAL FUNDING OPPORTUNITIES**

#### **Purdue Office of Research – Laboratory and University Core Facility Research Equipment Program (2026–28) - Via InfoReady**

**KEYWORDS:** Research equipment, instrumentation, core facilities, shared resources, infrastructure, internal funding

**FUNDING:** Type I: Up to \$100K | Type II: Up to \$1M (2/3 OOR funding) | **DUE:** Sept 21 (Type I); Sept 14 (Type II concept) | **COST SHARE:** Type II: Yes (1/3 required); Type I: No  
**DESCRIPTION:** Supports acquisition, upgrade, or repair of capital research equipment to address critical and strategic needs across Purdue. Early engagement with your College ADR and Academic Facilities is required and must occur prior to submission—applications without confirmed discussions will not be reviewed. Type I supports requests up to \$100K with no cost share; Type II supports \$100K–\$1M with required matching and a mandatory preliminary concept stage.

## **SELECTED FUNDING OPPORTUNITIES**

### **NASA – ROSES-25: Astrophysics Research (D.6 ARPA) and Technology Program (D.7 SAT)**

**KEYWORDS:** *Astrophysics, astronomy, gravitational waves, particle astrophysics, detector development, space science*

**FUNDING:** Varies by scope | **DUE:** Pre-Application: June 25; Full proposal due: August 6 | **COST SHARE:** No  
**DESCRIPTION:** Supports basic and applied astrophysics research relevant to NASA astronomy and astrophysics programs, including investigations across the electromagnetic spectrum, gravitational wave science, particle astrophysics, laboratory astrophysics, detector and instrumentation development, and supporting technologies for future space missions.

### **CDMRP- Transforming Health Care through Innovative and Impactful Research, Multiple Funding Opportunities**

**KEYWORDS:** *Alzheimer’s, ALS, Arthritis, Breast Cancer, Hearing Restoration, Lung Cancer, Lupus, Multiple Sclerosis, Ovarian Cancer, Pancreatic Cancer, Cancer, Spinal Cord Injury, Tick-Borne Disease, Tuberos Sclerosis Complex, Vision Research*

**FUNDING:** Varies by mechanism | **DUE:** Pre-application dates vary by mechanism) | **COST SHARE:** No  
**DESCRIPTION:** The Department of Defense Congressionally Directed Medical Research Programs (CDMRP) has released multiple FY26 funding opportunities supporting innovative biomedical and health-related research across a range of disease areas and conditions. Programs support investigator-initiated, translational, clinical, and collaborative research aimed at improving prevention, diagnosis, treatment, rehabilitation, and patient outcomes for military and civilian populations..

### **NIH – Maximizing Investigators’ Research Award (MIRA) for Early-Stage Investigators (R35)**

**KEYWORDS:** *Biomedical research, early-stage investigators, investigator support, basic science, research stability, NIGMS mission areas*

**FUNDING:** Up to \$275K/year in direct costs for up to 5 years | **DUE:** October 2; February 3, 2027; recurring through February 2029 | **COST SHARE:** No

**DESCRIPTION:** Supports NIH-defined Early Stage Investigators (ESIs) conducting research aligned with the National Institute of General Medical Sciences (NIGMS) mission. Rather than funding a single project, MIRA provides flexible, long-term support for an investigator’s broader research program, enabling exploration of new scientific directions, adoption of emerging technologies, and development of independent research careers.

### **NIH – New Generation of Glucose Control Technologies Incorporating AI/ML Tools and Strategies**

**KEYWORDS:** *Artificial intelligence, diabetes technology, glucose monitoring, machine learning, digital twins, biomedical engineering*

**FUNDING:** Up to \$500K/year in direct costs for up to 5 years | **DUE:** June 17 | **COST SHARE:** No  
**DESCRIPTION:** Supports multidisciplinary research to develop next-generation diabetes management technologies incorporating artificial intelligence (AI), machine learning (ML), digital twins, advanced biosensing, and automated open- and closed-loop glucose control systems to improve glycemic control, reduce burden of care, and enhance quality of life for individuals with Type 1 diabetes.

### **CDC/NIOSH – Identify and Evaluate Potential Risk Factors for ALS**

**KEYWORDS:** *Amyotrophic lateral sclerosis, environmental exposures, traumatic brain injury, neuroinflammation, epidemiology, military health*

**FUNDING:** Up to \$300K–\$500K/year for up to 3 years | **DUE:** June 10 | **COST SHARE:** No

**DESCRIPTION:** Supports epidemiological and translational research investigating environmental and other associated risk factors for ALS, with priority areas including military service, contact sports, traumatic brain injury, neuroinflammation, infectious agents, and related environmental exposures.

#### US EPA - Great Lakes Biology Monitoring Program

**KEYWORDS:** *Great Lakes, aquatic ecology, environmental monitoring, invasive species, water quality*

**FUNDING:** Up to \$8.1M (zooplankton/benthic components) and up to \$3.6M (phytoplankton/chlorophyll-a components) | **DUE:** June 30 | **COST SHARE:** No

**DESCRIPTION:** Supports long-term monitoring and ecosystem assessment of Great Lakes biological communities under the EPA Great Lakes Biology Monitoring Program. Projects will support collection, taxonomic analysis, data management, trend interpretation, and reporting for phytoplankton, chlorophyll-a, zooplankton, Mysis, and benthic invertebrate communities across the Great Lakes, including studies related to invasive species impacts, ecosystem health, fisheries management, and AI-enabled monitoring approaches.

#### NIJ – Research and Evaluation on Youth Justice Topics

**KEYWORDS:** *Juvenile justice, youth reentry, prosecution strategies, recidivism, criminal justice policy, evaluation research*

**FUNDING:** Up to \$4M available; award size based on scope | **DUE:** June 10, Grants.gov; June 17, JustGrants | **COST SHARE:** No

**DESCRIPTION:** Supports rigorous evaluation research to inform youth justice policy and practice, with focus areas including juvenile justice system prosecution strategies and juvenile reentry practices. NIJ is particularly interested in studies evaluating alternatives to prosecution, diversion from carceral settings, and reentry programs that improve public safety and reduce reoffending among youth. Priority interest areas include continuity of services, family engagement, and support for youth experiencing homelessness, substance misuse, or mental health challenges.

#### NIJ – Research and Evaluation on Human Trafficking

**KEYWORDS:** *Human trafficking, criminal justice, technology, victim services, evaluation research*

**FUNDING:** Up to \$3M (Category 1) or \$1M (Category 2) | **DUE:** June 8 (Grants.gov); June 15, JustGrants | **COST SHARE:** No

**DESCRIPTION:** Supports research and evaluation projects to improve justice system responses to human trafficking and examine the role of technology in trafficking investigations and case building. Priority areas include trafficking investigations, prosecutions, disruption of trafficking networks, evaluation of victim service programs, and technology-related trafficking research.

#### Alzheimer’s Association – Vascular Contributions to Cognitive Impairment and Dementia: Understanding Mechanisms of Dysfunction (VCID-UMD)

**KEYWORDS:** *Alzheimer’s disease, vascular dysfunction, dementia, neuroinflammation, biomarkers, team science*

**FUNDING:** \$150K–\$300K over up to 3 years | **DUE:** June 15 (LOI) | **COST SHARE:** No

**DESCRIPTION:** Supports innovative, collaborative research investigating how vascular dysfunction contributes to Alzheimer’s disease and related dementias (AD/ADRD). Priority areas include blood-brain barrier dysfunction, neurovascular coupling, vascular-immune interactions, glymphatic and lymphatic systems, lipid and endolysosomal pathways, APOE-related mechanisms, biomarker development, and novel neurovascular research tools and models. **Multidisciplinary and team-science approaches are strongly encouraged.**

#### Samuel Waxman Institute for Aging & Cancer Request for Proposals

**KEYWORDS:** *Aging, cancer biology, immunology, inflammaging, translational research*

**FUNDING:** Up to \$500K over 3 years | **DUE:** June 15 (LOI) | **COST SHARE:** No

**DESCRIPTION:** Supports collaborative research teams investigating the role of aging, inflammation, and immune dysfunction in cancer initiation, progression, therapeutic resistance, and treatment response. Applications must include a PI and co-PI from different institutions with complementary expertise and may address mechanistic, translational, biomarker, or exploratory clinical research related to aging and cancer.

## **ANTICIPATED FUNDING OPPORTUNITIES**

### **NIH – Intervention Research to Improve Native American Health**

**KEYWORDS:** *Native American health, intervention research, health disparities, implementation science, prevention, community health*

**FUNDING:** Not yet announced | **ANTICIPATED TO POST:** October 22 | **ANTICIPATED DUE:** October 18, 2027

**DESCRIPTION:** Anticipated opportunity to support community-informed intervention research focused on improving health outcomes and reducing morbidity and mortality in Native American populations through prevention, treatment, recovery, and implementation science strategies.

### **NIH – Enhancement and Management of Established Biomedical Data Repositories and Knowledgebases (R24)**

**KEYWORDS:** *Biomedical data, knowledgebases, data repositories, bioinformatics, data management, research infrastructure*

**FUNDING:** Not yet announced | **ANTICIPATED TO POST:** July 24 | **ANTICIPATED DUE:** September 25

**DESCRIPTION:** Anticipated renewal opportunity to support established biomedical data repositories and knowledgebases that demonstrate significant scientific impact and ongoing value to the biomedical research community.

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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)) or Kristi Reynolds ([reyno240@purdue.edu](mailto:reyno240@purdue.edu)) with any questions.

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