May 20, 2026

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**.

USDA NIFA – Equipment Grants Program (EGP) – *Via InfoReady*
KEYWORDS: *Research infrastructure, shared instrumentation, agricultural sciences, equipment, research capacity, food systems*
FUNDING: $25K–$500K | **INTERNAL DEADLINE:** June 1 | **SPONSOR DEADLINE:** June 26 | **COST SHARE:** No | **LIMITED:** Yes – 2 per institution; 1 award max
DESCRIPTION: Supports acquisition of shared-use special purpose research equipment that strengthens institutional research capacity in food and agricultural sciences. Projects should enhance fundamental or applied research capabilities and support broad multidisciplinary use across research, training, and Extension activities.

NIH Limited Competition: Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional) -*Via InfoReady*
KEYWORDS: *Environmental health, hazardous substances, remediation, toxicology, exposure science, Superfund, environmental engineering*
FUNDING: Up to $1.75M/year direct costs for up to 5 years | **INTERNAL DEADLINE**: June 15 | **SPONSOR DEADLINE:** September 25 | **LIMITED:** Yes – 1 per institution | **COST SHARE:** No
DESCRIPTION: NIH/NIEHS seeks large interdisciplinary research center proposals addressing hazardous substance exposure, detection, risk assessment, remediation, and public health impacts relevant to Superfund sites. Projects must integrate biomedical and environmental science/engineering research with training, stakeholder engagement, and translational activities. Appropriate for multidisciplinary teams in environmental health sciences, toxicology, engineering, public health, and related fields.

U.S. Department of State – TechLeaders: Critical Emerging Technologies Exchange - *Via InfoReady*
KEYWORDS: *Artificial intelligence, biotechnology, space technology, agri-tech, international exchange, STEM workforce*
FUNDING: Approximately $1.5M | **INTERNAL DEADLINE:** June 1 | **SPONSOR DEADLINE:** July 6 | **COST SHARE:** Encouraged, not required
DESCRIPTION: Supports a large-scale international exchange and workforce development program focused on critical emerging technologies, including Artificial Intelligence (AI), Space Technology, Biotechnology/Health Technology, Supply Chain/Cold Chain Technology, and Agricultural Technology (AgriTech).

U.S. Department of State – U.S. Creative Tech Exchange (U.S.CTX) - *Via InfoReady*
KEYWORDS: *AI, creative technology, immersive media, digital arts, international exchange, workforce development*
FUNDING: Approximately $1.32M | **INTERNAL DEADLINE:** June 1 | **SPONSOR DEADLINE:** July 6 | **COST SHARE:** Encouraged, not required
DESCRIPTION: Supports a new international exchange program connecting U.S. creative professionals and

technologists with international peers working at the intersection of the arts and emerging technologies, particularly artificial intelligence (AI). The program will support up to 30 early- and mid-career participants through collaborative labs, fellowships, workshops, mentorship, and public showcases focused on areas such as immersive media, creative coding, gaming, music technology, and digital design.

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**).

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

NSF – EDU Core Research (ECR:Core)
KEYWORDS: *STEM education, workforce development, broadening participation, learning sciences, education research, STEM learning*
FUNDING: Up to $500K (Level I), $1.5M (Level II), or $2.5M (Level III) | **DUE:** First Thursday in October annually | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports fundamental research advancing knowledge in STEM learning, STEM workforce development, and broadening participation in STEM fields. Projects may include research on learning environments, technology-enabled learning, workforce preparation, education systems, and STEM participation across formal and informal settings.

NIH – INCLUDE Project: Down Syndrome Research Award Mechanisms (R01, R21, R61/R33)
KEYWORDS: *Down syndrome, translational research, clinical trials, developmental research, precision medicine, neurodevelopment, NIH INCLUDE*
FUNDING: Varies by mechanism | **DUE:** October 15 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: NIH has released multiple FY26 award mechanisms through the INCLUDE (Investigation of Co-occurring conditions across the Lifespan to Understand Down Syndrome) Project to support innovative Down syndrome research across the translational pipeline. Current opportunities include Exploratory/Developmental Research Awards (R21), Transformative Research Awards (R01), and Clinical Trials Phased Awards (R61/R33) supporting basic, translational, and clinical research focused on co-occurring conditions, lifespan health outcomes, therapeutic development, and quality of life for individuals with Down syndrome.

NIH HEAL Initiative – INTERACT Data Coordination and Integration Center (U24 Clinical Trial Not Allowed)
KEYWORDS: *Chronic pain, data integration, musculoskeletal research, bioinformatics, HEAL Initiative, omics, data coordination*
FUNDING: Up to $4M total for 1 award over up to 5 years | **DUE:** October 1 | **COST SHARE:** No | **LIMITED:** No

DESCRIPTION: Supports a Data Coordination and Integration Center (DCIC) for the NIH HEAL INTERACT Consortium focused on chronic musculoskeletal pain research. The center will harmonize and integrate complex clinical, imaging, biomechanical, psychosocial, and multi-omics datasets to accelerate data-driven pain diagnostics, treatment strategies, and secondary analyses across the NIH HEAL ecosystem.

NIH – Accelerating Discovery through Partnered Research with All of Us to Analyze Participant Biospecimens (X01 Clinical Trial Not Allowed)
KEYWORDS: *Precision medicine, multiomics, biospecimens, biomarker discovery, All of Us, genomics, translational research*
FUNDING: No direct funding provided (resource access mechanism) | **DUE:** July 1; October 30; March 1, 2027 | **COST SHARE:** N/A | **LIMITED:** No
DESCRIPTION: Supports investigator access to All of Us Research Program biospecimens and linked participant data to conduct large-scale precision medicine research. Projects may include integrated multiomics analyses, biomarker discovery, disease stratification, therapeutic response prediction, and early disease detection using plasma, serum, and genomic DNA samples from the All of Us biobank. Applicants must secure external funding for all research costs associated with the proposed project.

NIH – Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV/AIDS Research (R21 Clinical Trial Not Allowed)
KEYWORDS: *HIV/AIDS, maternal health, pediatric HIV, archived biospecimens, secondary data analysis, data science, translational research*
FUNDING: Up to $275K direct costs over 2 years | **DUE:** October 21| **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports secondary analyses of archived HIV/AIDS datasets and biospecimen collections to advance maternal, pediatric, and adolescent HIV research. Areas of interest include HIV pathogenesis, treatment response, co-infections, pregnancy and postpartum outcomes, HIV reservoirs, implementation science, and innovative data science approaches including AI and advanced statistical modeling. Purdue eligibility is appropriate, particularly for investigators in public health, data science, bioinformatics, epidemiology, and translational health research.
NIH – HeartShare 2.0: Refining Heart Failure Subtypes and Treatment Targets for Personalized Clinical Trials (U01 Clinical Trial Optional)
KEYWORDS: *Heart failure, precision medicine, cardiovascular research, clinical trials, HFpEF, multiomics, translational research*
FUNDING: Up to $1M/year for Clinical Trial Center awards; up to $250K/year for Clinical Center awards | **DUE:** July 9 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports a national HeartShare 2.0 network focused on precision clinical trials and deep phenotyping for heart failure with preserved ejection fraction (HFpEF). Opportunities include a Clinical Trial Center and up to seven Clinical Centers to support patient recruitment, longitudinal follow-up, multiomics, imaging, biomarker discovery, tissue profiling, and precision trial infrastructure aimed at improving subtype-specific heart failure therapies and outcomes.
CDC – Grants to Support New Investigators in Conducting Research Related to Preventing Interpersonal Violence and Suicide Among Children and Youth (K01)
KEYWORDS: *Violence prevention, suicide prevention, youth mental health, child abuse, interpersonal violence, public health research, early-career investigators*
FUNDING: Up to $150K/year for 3 years | **DUE:** June 22 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports mentored research career development for early-career investigators conducting research related to preventing interpersonal violence and suicide among children and youth ages 0–17. Projects must address at least one CDC NCIPC priority area, including adverse childhood experiences, child abuse and neglect, youth violence, sexual violence, intimate partner violence/teen dating violence, suicide, or cross-cutting prevention research.

CDC/NIOSH – Exploratory/Developmental Grants Related to the World Trade Center Health Program (R21)
KEYWORDS: *9/11 health, disaster response, occupational health, PTSD, cancer, responder health, translational research*
FUNDING: Avg. $250K/year (max $365K/year) for 2 years | **DUE:** June 23; December 8; October 26, 2027 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports exploratory and developmental research to improve diagnosis, treatment, care, and well-being for populations exposed to the September 11 attacks, including responders and survivors. Areas of interest include mental health, cancer, cardiovascular disease, aging, neurological conditions, lifestyle interventions, health services, and disaster-response lessons learned. Strong emphasis is placed on translational research, innovative interventions, and collaborations with existing WTC data centers and registries.

CDC/NIOSH – Cooperative Research Agreements Related to the World Trade Center Health Program (U01)
KEYWORDS: *9/11 health, responder health, occupational health, PTSD, cancer, disaster preparedness, translational research*
FUNDING: Up to $550K/year for up to 3 years | **DUE:** June 23; December 8; October 26, 2027 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports collaborative, high-impact research to improve care and outcomes for populations exposed to the September 11 attacks, including responders and survivors. Priority areas include mental health, cancer, cardiovascular and neurologic disease, aging, health services research, lifestyle interventions, occupational outcomes, biomarkers/omics, and disaster-response lessons learned. Projects should generate actionable findings that improve WTC Health Program member care, strengthen preparedness for future disasters, or identify emerging 9/11-related conditions. Cooperative agreement structure includes substantial collaboration with CDC/NIOSH and, when applicable, coordination with WTC Health Program Data Centers and registries.

NIST – Standards Coordination Office Curricula Development Cooperative Agreement Program
KEYWORDS: *Standards education, curriculum development, STEM education, standardization, higher education, interdisciplinary curriculum, workforce development*
FUNDING: Up to $95K | **DUE:** July 13 | **COST SHARE:** Not required but encouraged | **LIMITED:** No
DESCRIPTION: Supports development of undergraduate and graduate curricula that integrate documentary standards, standards development, and standardization concepts into STEM, business, law, public policy, and interdisciplinary coursework. Projects may include new modules, seminars, mock standards negotiations, and learning resources designed for replication across U.S. institutions. NIST anticipates up to eight cooperative agreements with project periods of up to three years.

DoD Peer Reviewed Medical Research Program (PRMRP) – Multiple Award Mechanisms
KEYWORDS: *Military health, translational research, clinical trials, therapeutic development, medical innovation, rehabilitation, applied health*
FUNDING: Varies by mechanism | **DUE:** Pre-applications July–August 2026 | **COST SHARE**: No
DESCRIPTION: The FY26 DoD Peer Reviewed Medical Research Program (PRMRP) has released multiple award mechanisms supporting high-impact biomedical and applied health research aligned with military and public health priorities. Current mechanisms include the Discovery Award, Research Advancement Award, Impact Award, Technology/Therapeutic Development Award, Clinical Trial Award, Platform Clinical Translation Award, and Lifestyle and Applied Health Research Award, supporting research ranging from early-stage discovery through clinical translation and implementation.

DOE/TechWerx – Partnerships for Academic-Industry Career Training (PACT) Initiative
KEYWORDS: *Workforce development, energy workforce, geothermal energy, industry partnerships, technical training, AI and energy, credentialing programs*
FUNDING: Topic A: Up to $300K | Topic B: Up to $2M | **DUE:** July 17 | **COST SHARE:** Not required | **LIMITED:** No
DESCRIPTION: Supports regional academic-industry consortia developing or expanding hands-on workforce training and credentialing programs aligned with oil, natural gas, coal, geothermal, and related energy technologies. Eligible projects must include partnerships among institutions of higher education, industry employers, workforce development entities, and at least one two-year institution supporting workforce pathways

in energy-related fields. Purdue may be best positioned as part of a regional consortium involving community colleges, technical training partners, and industry collaborators.

USDA NIFA – Crop Protection and Pest Management (CPPM)
KEYWORDS: *Integrated pest management, crop protection, invasive species, agricultural research, Extension, IPM systems, pest management*
FUNDING: $300K–$1.15M depending on program area | **DUE:** July 6 | **COST SHARE:** Yes – 1:1 match required (waiver possible in limited circumstances) | **LIMITED:** No
DESCRIPTION: Supports integrated research and Extension projects addressing critical pest management challenges impacting U.S. agriculture. FY26 priorities include development of innovative IPM tools, tactics, and systems; invasive species management; field-scale demonstrations; and regional coordination activities that improve agricultural productivity and profitability through integrated pest management approaches.

USDA NIFA – Special Research Grants Program for Aquaculture Research
KEYWORDS: *Aquaculture, fisheries, animal health, genomics, agricultural technology, food systems, applied research*
FUNDING: $50K–$300K | **DUE:** June 15 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports applied aquaculture research addressing commercial production challenges including genetics and genomics, pest and disease management, production technologies, management strategies, and economic approaches that improve profitability and growth of the U.S. aquaculture industry.

DOT PHMSA – Pipeline Safety Research Competitive Academic Agreement Program (CAAP)
KEYWORDS: *Pipeline safety, AI, corrosion, leak detection, infrastructure, engineering*
FUNDING: Up to $1M per award | **DUE:** June 19 | **COST SHARE:** 20% required
DESCRIPTION: Supports innovative research addressing pipeline safety and integrity challenges. FY26 topics include AI-assisted regulatory and repair tools, corrosion prediction and mitigation, cast iron pipeline inspection, and AI-enhanced hazardous liquid leak detection technologies.

DOJ NIJ – Research and Evaluation of Artificial Intelligence for Criminal Justice Purposes
KEYWORDS: *Artificial intelligence, criminal justice, policing, courts, public safety, machine learning, evaluation research*
FUNDING: Up to $2.5M total available | **DUE:** June 15 (concept paper) | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports research and evaluation of artificial intelligence applications in criminal justice systems, including policing, courts, corrections, juvenile justice, and victim services. Projects may examine AI implementation, operational effectiveness, decision-making impacts, public safety outcomes, and risks or limitations associated with AI technologies in justice settings.

DOJ NIJ – Research and Evaluation of Emerging Technology Implementation and Impact for Law Enforcement Purposes
KEYWORDS: *Emerging technology, law enforcement, drones, artificial intelligence, policing technology, evaluation research, public safety*
FUNDING: $3M total available | **DUE:** June 15 (Concept Paper) | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports rigorous research and evaluation of emerging technology implementation in law enforcement settings, including drones as first responders (DFR), AI-enabled threat detection, security infrastructure modernization, staffing and training solutions, and operational technology deployment.

NIHCM Foundation – Policy Research Grants
KEYWORDS: *Health policy, healthcare affordability, healthcare access, healthcare quality, health economics, policy evaluation, healthcare systems*
FUNDING: Most awards approximately $50K | **DUE:** June 8 (LOI) | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports innovative, solutions-oriented policy research focused on improving the affordability, accessibility, quality, and value of health care in the United States. NIHCM seeks investigator-initiated projects examining drivers of healthcare spending and evaluating public- and private-sector policies or strategies affecting

healthcare delivery, cost, access, and outcomes. Clinical research, pilot projects, direct patient care, and bench science are not supported.

Alex's Lemonade Stand Foundation – Bio-Therapeutics Impact Grant
KEYWORDS: *Childhood cancer, pediatric oncology, clinical trials, biologic therapies, immunotherapy, gene therapy, translational research*
FUNDING: Up to $1.8M over 3 years | **DUE:** June 9 | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports investigator-initiated clinical trials using biologic therapies, including immunotherapy, cell therapies, gene therapy, and small molecules, to accelerate promising treatments for childhood cancers. Applicants must have completed preclinical studies informing the trial, hold an approved IND, and demonstrate a track record of implementing biologics clinical trials.

Burroughs Wellcome Fund – Investigators in the Pathogenesis of Infectious Disease (PATH)
KEYWORDS: *Infectious disease, pathogenesis, microbiome, host-pathogen interactions, emerging infections, climate change, early-career investigators*
FUNDING: $505K over 5 years | **DUE:** July 16 (LOI) | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports mid-to-late assistant professors conducting innovative research on the pathogenesis of infectious disease, with emphasis on host-pathogen interactions, emerging infections, microbiome-related infectious disease research, and interdisciplinary approaches spanning molecular through systems-level biology. The program encourages high-risk, high-reward research and particularly welcomes projects involving fungal, protozoan, metazoan, veterinary, and climate-related infectious disease research. Indirect costs are not allowed.

Ovarian Cancer Research Alliance (OCRA) – AI Accelerator Grant
KEYWORDS: *Ovarian cancer, artificial intelligence, machine learning, data science, translational research, biomarker discovery, international collaboration*
FUNDING: Up to $1M over 3 years (+ optional AWS compute support up to $600K) | **DUE:** June 23 (LOI) | **COST SHARE:** No | **LIMITED:** No
DESCRIPTION: Supports international, data-intensive ovarian cancer research collaborations applying artificial intelligence and machine learning to improve prevention, detection, treatment, and patient outcomes. Teams must include investigators from the United States, United Kingdom, Canada, and Australia, as well as AI expertise, with projects focused on innovative computational approaches such as imaging analysis, biomarker discovery, patient stratification, and treatment resistance.

ANTICIPATED FUNDING OPPORTUNITIES

NIH – Anticipated: NIA Genetics of Alzheimer's Disease Data Storage Site (NIAGADS)
KEYWORDS: *Alzheimer's disease, genomics, cloud computing, bioinformatics, data infrastructure, ADRD, data sharing*
FUNDING: Not yet announced | **ANTICIPATED TO POST:** September 1 | **ANTICIPATED DUE:** November 1
DESCRIPTION: Anticipated NIH/NIA opportunity to support development and operation of a secure, scalable cloud-based platform for storage, computing, and access to large-scale Alzheimer's disease and related dementias genetic and genomic datasets through NIAGADS.

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) or Kristi Reynolds (reyno240@purdue.edu) with any questions.

TO SUBSCRIBE to this listserv weekly newsletter: email: 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.**

TO UNSUBSCRIBE from this listserv weekly newsletter**:** email listserv@lists.purdue.edu, leave subject blank and in the message body type: DELETE Weeklyfundingopps your email – i.e. user@purdue.edu.