

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.

NASA JPL – Strategic University Research Partnership (SURP) Program (FY27). Partner-led submission required. - Via InfoReady

KEYWORDS: *Space science, Earth systems, NASA collaboration, technology development, student research, interdisciplinary*

FUNDING: Up to \$200K/year (2 years) | **DUE:** June 1 | **COST SHARE:** Not specified | **LIMITED SUBMISSION:** Max 3 proposals per institution (Purdue eligible partner; pilot year)

DESCRIPTION: Supports collaborative research between NASA JPL and partner universities at the forefront of Earth and space science or related technology development. Projects must be co-led by a JPL PI and university faculty and include meaningful student involvement, with strong emphasis on long-term partnership and breakthrough outcomes. External investigators must collaborate with a JPL PI; submissions are led by JPL. Guidelines are only available through an internal JPL PI.

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

DOE – Dear Colleague Letter: Regional Centers for Severe Weather and Infrastructure Resilience (BER)

KEYWORDS: *Severe weather, climate modeling, infrastructure resilience, AI/ML, Earth systems, energy systems*

FUNDING: Up to \$5M per award (\$20M total) | **DUE:** May 1 (planning email); June 1 (full application) | **COST SHARE:** No

DESCRIPTION: DOE BER invites applications for multi-disciplinary research centers focused on severe weather hazards and impacts to energy and critical infrastructure. Projects should integrate Earth system science, modeling, and AI/ML to improve predictability and support decision-making. Submissions must align with DOE Office of Science NOFO (DE-FOA-0003600) and demonstrate relevance to the energy mission.

USDA NIFA – Specialty Crop Research Initiative (SCRI)

KEYWORDS: *specialty crops, agriculture systems, AI/mechanization, food safety, workforce development*

FUNDING: ~\$175M total program; project sizes vary (planning up to \$100K; large CAP awards can exceed \$5M total) |

DUE: June 15 (pre-proposal) | **COST SHARE:** Yes (1:1 required)

DESCRIPTION: Supports large-scale, systems-based research and extension projects addressing critical challenges in specialty crops (fruits, vegetables, tree nuts, horticulture). Projects must integrate research and extension and involve strong stakeholder engagement. FY26 priorities include automation/AI, production efficiency, pest/disease threats, food safety, and workforce development. New workforce pipeline projects are included this year alongside traditional CAP, SREP, and planning grants. Pre-applications require a Stakeholder Relevance Statement and are used to determine invitation to full proposals.

Amazon Research Awards – Robotics

KEYWORDS: *Robotics, automation, embodied AI, autonomy, manufacturing*

FUNDING: ~\$50K | **DUE:** May 6 | **COST SHARE:** No

DESCRIPTION: Supports academic research in robotics, automation, and embodied AI systems.

Amazon Research Awards – AI for Information Security

KEYWORDS: *Cybersecurity, AI, threat detection, secure systems, cyber-physical systems*

FUNDING: ~\$80K | **DUE:** May 6 | **COST SHARE:** No

DESCRIPTION: Supports research in AI-driven cybersecurity, threat detection, and secure systems.

AACR – Novocure Cancer Research Grant

KEYWORDS: *Cancer research, oncology, tumor treating fields, translational research, biomedical*

FUNDING: \$350K | **DUE:** June 4 | **COST SHARE:** No

DESCRIPTION: Supports innovative cancer research aligned with tumor treating fields and translational oncology.

Cures Within Reach – Clinical Repurposing Research to Impact Veterans

KEYWORDS: *Clinical research, drug repurposing, veterans health, translational science, healthcare*

FUNDING: ~\$75K | **DUE:** May 29 (LOI) | **COST SHARE:** No

DESCRIPTION: Supports clinical research repurposing existing therapies to improve health outcomes for veterans, with emphasis on near-term clinical impact.

PCORI – Improving Methods for Conducting Patient-Centered CER

KEYWORDS: *Comparative effectiveness, patient-centered research, methods, health data, outcomes*

FUNDING: Up to \$750K | **DUE:** April 28 (LOI) | **COST SHARE:** No

DESCRIPTION: Supports development of methods for patient-centered comparative effectiveness research, including study design, data approaches, and engagement strategies.

PCORI – Phased Large Awards for Comparative Effectiveness Research (PLACER)

KEYWORDS: *Comparative effectiveness, large-scale studies, clinical research, health outcomes, patient engagement*

FUNDING: Up to \$22M | **DUE:** April 28 (LOI) | **COST SHARE:** No

DESCRIPTION: Supports large-scale, phased comparative effectiveness research projects addressing high-priority healthcare questions with strong stakeholder engagement.

ANTICIPATED & ADVANCED NOTICE

U.S. Department of Defense (DOD) – Peer Reviewed Medical Research Program (PRMRP) (FY26)

KEYWORDS: *Biomedical research, clinical trials, translational science, military health, disease mechanisms, therapeutics*

FUNDING: Varies ~\$500K–\$3M+ | **DUE:** Pre-application: May (anticipated) | **COST SHARE:** Not specified

DESCRIPTION: Mechanisms typically include investigator-initiated research, clinical trials, technology development, and translational studies.

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.

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