Stony Brook
Research and Innovation

OPD WEEKLY NEWSLETTER

December 12, 2025

Dear Chairs and Center/Institute Directors:

For updates and guidance related to Federal Executive Orders and other federal actions affecting federally funded research, please visit the 2025 Federal Transition and University Guidance webpage.

Please share these funding opportunities and related research news with your faculty.

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Research News

The most updated list of research news can be found on our website.

Request for Internal Comments: RFI Accelerating the American Scientific Enterprise
The White House Office of Science and Technology Policy (OSTP) has issued a Request for Information (RFI) on *Accelerating the American Scientific Enterprise*, seeking input on federal policies that can strengthen the nation's research ecosystem and enhance the translation of scientific discoveries into societal and economic impact. Stony Brook University will be submitting institutional comments, and the Office for Research and Innovation invites your feedback to help shape our response. Your perspective is essential to enhancing our submission, which should reflect the depth, real-world experience, and full breadth of expertise of the Stony Brook research community.
Deadline: Anyone who is interested in providing feedback may add comments in our Request for Internal Comments document by **Friday, December 19, 2025 at 11:59 pm.**

Join the NORDTECH Community Hub
Did you know that as a Fully Executed (FE) NORDTECH Member you, and everyone in our organization, have access to their community platform? Their community forum is free and available

exclusively to FE Members only.
NORDTECH invites you to join. Create an account today!

NSF seeks input on the TIP workforce development roadmap
The U.S. National Science Foundation Directorate for Technology, Innovation and Partnerships (NSF TIP) recently published a Roadmap for Workforce Development: Building Pathways and Innovations for the Critical and Emerging Technology Workforce (Workforce Development Roadmap) that aims to offer an actionable agenda to invigorate and empower the ambition of all Americans to join the workforce in critical and emerging technology sectors, including artificial intelligence, biotechnology and quantum technology, or related jobs. NSF TIP is seeking community input on the Workforce Development Roadmap.
Deadline: Responses will be accepted until Jan. 15, 2026, in the Workforce Development Roadmap form, by emailing TIPWorkforce@nsf.gov, or by mailing your response to the attention of Mary Crowe, 2415 Eisenhower Avenue, Alexandria, VA 22314, USA.

Solicitation for Positron Emission Tomography (PET) Radiotracer Implementation
The PET Core is experiencing a temporary slowdown in our current tracer production workload, due mainly to a gap between the recent or pending conclusion of funded studies and the start of new ones. We would like to take advantage of this time to focus on implementing new radiotracers for human use at Stony Brook.
We invite members of the Stony Brook community to share a list of [^{11}C] or [^{18}F] radiotracers they would like to see made available through the PET Core.
All submissions will be reviewed by the PET Core team. Final selection will be based on the following criteria:
-Current PET Core usage
-Estimated cost of tracer development
-Number of potential users
-Likelihood of obtaining funding for related studies
-Feasibility of recruiting relevant patient populations
-Feasibility and expense of synthesis
-Potential to attract external collaborations (academic or industry)
Please send all suggestions to William (Bill) Stanley at William.Stanley@stonybrookmedicine.edu
Suggestions will be accepted through **January 15, 2026**

NORDTECH Accepting Applications for Mentor Host Sites for the Summer Internship Program 2026
NORDTECH is now accepting applications for mentor host sites for the NORDTECH Summer Internship Program (SIP). With more than 100 intern applicants already in the pipeline, they are actively seeking additional host sites to meet the demand. This fully funded collaborative initiative between NORDTECH and the Griffiss Institute provides students with hands-on experience in cutting-edge research and technology development across the defense, semiconductor, microelectronics, and emerging technology sectors.
Deadline: To express your interest in mentoring an intern at no cost, please submit your mentor host site application by Friday, January 30, 2026.

McAllister & Quinn Weekly Opportunity & Strategic Intelligence Overview
Every week, McAllister & Quinn's Research Universities Practice sends out a weekly opportunity overview. These comprehensive lists encompass research and development opportunities relevant to

R1 and R2 institutions across the Federal government. Visit OPD's Grant Proposal Resource Repository for the latest overview and an archive of previous overviews and other resources.

Upcoming Workshops

Below are upcoming internal and external workshops.
The most updated list of events can be found on our website.

Internal Workshops

Winter 2025 NIH R-Series Academy
Hosted by: The Office of Proposal Development
When:
Workshop 3: Developing Non-Technical Components - January 20, 2026 | 10 to 11 am (Zoom)
Workshop 4: Meet and Greet with NIH R-Awardees - February 5, 2026 | 1 to 2 pm (Zoom)
Learn more and register for the NIH R-Series Academy (SBU Faculty Only)

SUNY AI Symposium
Hosted by: The Office for Research and Innovation and the Artificial Intelligence Innovation Institute (AI3)
When: April 14 to 15, 2026
Where: Stony Brook University
Learn more about the SUNY AI Symposium

External Workshops

Microelectronics Commons Annual Meeting
Hosted by: National Security Technology Accelerator (NSTXL) (DoD)
When: February 18 to 20, 2026
Where: Washington, D.C.
Learn more and register for the Microelectronics Commons Annual Meeting

NSF-ERVA Wave-Based Computing Workshop
Hosted by: NSF and Engineering Research Visioning Alliance (ERVA)
When: February 24 to 25, 2026
Where: Washington, D.C.
Learn more about and apply to participate in the NSF-ERVA Wave-Based Computing Workshop

High-Risk, High-Reward Research Symposium
Hosted by: NIH
When: March 4 to 6, 2026
Where: Bethesda, MD
Learn more about the HRHR Research Symposium

2026 ARPA-E Energy Innovation Summit
Hosted by: ARPA-E
When: April 7 to 9, 2026
Where: San Diego, CA
Learn more and register for the 2026 ARPA-E Energy Innovation Summit

SUNY Undergraduate Research Conference
Hosted by: SUNY Fredonia and SUNY Upstate Medical University
When: April 21 and 24, 2026
Where: Fredonia, NY and Syracuse, NY
Learn more about the SURC

Active Limited Competitions and Canvasses

All limited competitions are completed in **InfoReady**. You can sign into InfoReady using your Net-ID and your **stonybrook.edu** email address. Please allow sufficient time to familiarize yourself with the portal prior to submitting. *Submitting by proxy? If you would like someone to submit an application on your behalf in InfoReady, please **follow these instructions to designate them as your proxy**. Please note: Issues may arise and could negatively impact the review of an application if a proxy is not officially designated in this manner.*

*Recent Federal Executive Orders and other federal actions affecting federally funded research have resulted in changes to some federal funding opportunities. Consequently, we may need to update our posted limited competitions to remain aligned with these ongoing adjustments. We encourage you to check **our website** regularly for the latest updates, in addition to canvass and internal competition details and instructions.*

Program: W.M. Keck Foundation Research Program
Sponsor: W.M. Keck Foundation
Competition Code: LC202563 via the Keck Foundation Portal in InfoReady
Type: Internal Competition
Internal Deadline: April 15, 2026 at 11:59 pm
External Deadline: June 15, 2026 to schedule concept counseling which takes place between July 1 and August 15, 2026. Phase 1 application due November 1, 2026.
Institutional Limit: 8 concepts (4 medical research area and 4 science and engineering)
Award: Typical grants are awarded $1M to $1.3M over 3 years

Noteworthy Funding Opportunities

The Office of Proposal Development actively curates a list of recently released funding opportunities in priority research areas.
The most updated list of noteworthy funding opportunities can be found on our website.

BioStabilization Systems (BoSS)
Sponsor: ARPA-H

Discipline(s): Biomedical Engineering, Biomaterials, Biomanufacturing, Extremophile Biology, Biological medicines

Description: The BioStabilization Systems (BoSS) program aims to transform how live cell-based therapies are stabilized, manufactured, and distributed. BoSS envisions that successful solutions will converge from extremophile biology, biomaterials science, biomanufacturing, pharmaceutical formulation, process engineering, and device development to unlock new bioprocessing and biostabilization solutions, bridging historical silos in biostasis science and advancing biological medicines. Proposals are required to address solutions to both technical areas: (1) Technical Area 1 (TA1): BioPrep and (2) Technical Area 2 (TA2): Bioprocessing. TA1: Approaches to BioPrep include preparing, protecting, and other methods of intervention to allow cells to endure and recover from biostabilization at room temperature. TA2: Bioprocessing technologies (e.g., instruments, devices) should enable the deployment of biostabilization concepts at scale. A conforming proposal will account for all program requirements outlined in this ISO, both TA-specific and overall program milestones and metrics.

Institutional Limit: None

PI Eligibility: No restrictions

Award: None Listed. ARPA-H intends to make multiple Other Transaction (OTs) Agreements for this program.

Deadline(s): Solution Summary for potential performers due February 19, 2026; IV & V potential partners due April 17, 2026. To maximize participation and assemble the most capable teams, ARPA-H is implementing staggered submission deadlines for applicants seeking consideration as either a Technical Performer or an IV&V partner. Because the due date for Solution Summary submission as a potential Technical Performer precedes the due date for Solution Summary submission as an IV&V partner, those who are discouraged as a Technical Performer at this review phase may elect to discontinue the Technical Performer path and submit a Solution Summary as the IV&V partner. Proposers cannot submit Solution Pitch materials for virtual oral presentations as a Technical Performer and as an IV&V partner.

QBI Topic Independent Verification and Validation (IV&V)

Sponsor: DARPA

Discipline(s): Quantum, Infrastructure

Description: The Defense Advanced Research Projects Agency (DARPA) is issuing a Quantum Benchmarking Initiative topic (QBIT) inviting submissions of innovative infrastructure, equipment, and expertise available to provide independent verification and validation (IV&V) support for DARPA's Quantum Benchmarking Initiative (QBI). The goal of the IV&V QBIT is to solicit cutting-edge facilities, testing, evaluation tools, and highly skilled teams to augment the capabilities of the QBI Test & Evaluation team and support the IV&V of innovative technical solutions for building and using fault-tolerant quantum computers. These IV&V activities span the breadth of the quantum computing stack, including use-case definition, systems engineering, integrated test of prototype devices, description of individual component performance requirements, and device testing.

Institutional Limit: None

PI Eligibility: No Restrictions

Award: The proposed solution is realistic and affordable. The budget is realistic and accurately reflects the technical goals and objectives of the solicitation and reflects a sufficient understanding of the level of effort and staffing needed to successfully accomplish the proposed technical approach. For the purpose of abstract submission, proposers should assume a 12-month period of performance for any IV&V effort awarded under this QBIT. Selected proposals that are successfully negotiated will result in the award of an OT for Research project.

Deadline(s): Abstracts due September 1, 2026; Full Proposals (by invite only) due October 15, 2026

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