



OFFICE OF RESEARCH SUNY POLYTECHNIC INSTITUTE

October 14, 2022

Colleagues -

Happy October, and welcome to the mid-point of the fall semester! I hope that you have all seen the recent announcement from [Micron](#), regarding their plans to build a mega-fab facility in NY. We are looking for ways to engage with Micron from both an educational and research perspective. SUNY Poly is also participating in a SUNY-wide effort to prepare for funding under the [Chips for America Act](#). SUNY Poly is in an excellent position to benefit from these activities, through educational and workforce development, and directly through our research capabilities. Stay tuned for more information as these initiatives develop.

I also want to congratulate the following faculty members for recently announced awards. We have received notification of several additional awards that are currently in the contracting phase and will be announced in the next newsletter.

- Woongje Sung, associate professor of Nanoengineering at SUNY Polytechnic Institute, received a SUNY Technology Accelerator Fund (TAF) award to develop novel power semiconductor device and packaging technology to enable and provide more reliable, rugged, and efficient solution for power electronics:

<https://sunypoly.edu/news/suny-news-release-suny-technology-accelerator-fund-invests-300k-advance-commercial-readiness.html>

- Ji Ung Lee, professor of Nanoscale Engineering, was awarded \$150,000 by the SUNY Applied Materials Research Institute to Develop Novel Approach to Increasing Transistor Density in Computer Chips:

<https://sunypoly.edu/news/news-release-suny-poly-professor-dr-ji-ung-lee-awarded-150000-suny-applied-materials-research.html>

Last, please find a list of recent funding announcements from Grants.gov (below), and as always, please reach out to the [Office of Research](#) if you have questions about applying for funding or if you need assistance with preparing a grant application, finding collaborators, or identifying resources.

Sincerely,

A handwritten signature in black ink, appearing to read "Nate Cady".

Nate Cady

Interim Vice President of Research

Recent Funding Announcements (from Grants.gov):

DOD

Department of Defense

Dept. of the Army -- USAMRAA

DoD Breast Cancer, Clinical Research Extension Award Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?opId=344049>

DOE

Department of Energy

National Energy Technology Laboratory

This is a Notice of Intent to issue Funding Opportunity Announcement No. DE-FOA-0002854 Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=344008>

DOD

Department of Defense

Office of Naval Research

Science of Artificial Intelligence – Basic and Applied Research for the Naval Domain”

Synopsis 2

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=344017>

NSF

National Science Foundation

Biological Anthropology Program Senior Research Awards Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=344001>

NSF

National Science Foundation

Mathematical and Physical Sciences Ascending Postdoctoral Research Fellowships Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=344003>

DOT

Department of Transportation

69A345 Office of the Under Secretary for Policy Strengthening Mobility and Revolutionizing

Transportation (SMART) Grants Program Synopsis 6

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343245>

USDA

Department of Agriculture

National Institute of Food and Agriculture Biotechnology Risk Assessment Research Grants Program

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343950>

NASA

National Aeronautics and Space Administration NASA Headquarters University Student Research

Challenge (USRC2) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343952>

HHS

Department of Health and Human Services

Health Resources and Services Administration Rural Health Network Development Planning Program

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=340889>

DOD

Department of Defense

Munitions Directorate
Air Superiority Technology Broad Agency Announcement Synopsis 4
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=322104>

DOI
Department of the Interior
Fish and Wildlife Service
Research and Development of Biotechnological Tools for White-nose Syndrome Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343941>

NASA
National Aeronautics and Space Administration NASA Headquarters ROSES 2022: Multidomain Reusable Artificial Intelligence Tools Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343927>

NSF
National Science Foundation
Mid-scale Research Infrastructure-1
Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343922>

DOD
Department of Defense
Naval Research Laboratory
NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343869>

DOD
Department of Defense
DARPA - Microsystems Technology Office
Next-Generation Microelectronics Manufacturing (NGMM) Synopsis 3
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342998>

HHS
Department of Health and Human Services
National Institutes of Health
Advanced Training in Artificial Intelligence for Precision Nutrition Science Research (AIPrN) Institutional Research Training Programs (T32)
Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343897>

NEH
National Endowment for the Humanities
Preservation Assistance Grants for Smaller Institutions
Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343896>

NSF

National Science Foundation
Computer and Information Science and Engineering (CISE): Core Programs Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343554>

HHS
Department of Health and Human Services
National Institutes of Health
The NHGRI Genomic Data Science Analysis, Visualization, and Informatics Lab-space Clinical Resource (ACR) (U24 Clinical Trial Not Allowed) Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343586>

HHS
Department of Health and Human Services
National Institutes of Health
Limited Competition: IDeA Regional Entrepreneurship Development (I-RED) Program (STTR) (UT2 Clinical Trial Not Allowed) Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343582>

NEH
National Endowment for the Humanities
Dangers and Opportunities of Technology: Perspectives from the Humanities Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343684>

HHS
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=319857>

DOD
Department of Defense
Naval Research Laboratory
NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppld=343869>