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:

- 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:

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,

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?oppId=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?oppId=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?oppId=344017

NSF
National Science Foundation
Biological Anthropology Program Senior Research Awards Synopsis 1
https://www.grants.gov/web/grants/view-opportunity.html?oppId=344001

NSF
National Science Foundation
Mathematical and Physical Sciences Ascending Postdoctoral Research Fellowships Synopsis 1
https://www.grants.gov/web/grants/view-opportunity.html?oppId=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?oppId=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?oppId=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?oppId=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?oppId=340889

DOD
Department of Defense
Munitions Directorate
Air Superiority Technology Broad Agency Announcement Synopsis 4

DOI
Department of the Interior
Fish and Wildlife Service
Research and Development of Biotechnological Tools for White-nose Syndrome Synopsis 1

NASA
National Aeronautics and Space Administration NASA Headquarters ROSES 2022: Multidomain Reusable Artificial Intelligence Tools Synopsis 1

NSF
National Science Foundation
Mid-scale Research Infrastructure-1 Synopsis 1

DOD
Department of Defense
Naval Research Laboratory
NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research Synopsis 1

DOD
Department of Defense
DARPA - Microsystems Technology Office
Next-Generation Microelectronics Manufacturing (NGMM) Synopsis 3

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

NEH
National Endowment for the Humanities
Preservation Assistance Grants for Smaller Institutions Synopsis 1

NSF
National Science Foundation
Computer and Information Science and Engineering (CISE): Core Programs Synopsis 1

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

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

NEH
National Endowment for the Humanities
Dangers and Opportunities of Technology: Perspectives from the Humanities Synopsis 1

HHS
DOD
Department of Defense
Naval Research Laboratory
NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research Synopsis 1