



OFFICE OF RESEARCH

SUNY POLYTECHNIC INSTITUTE

July 15, 2020

I hope that everyone had an enjoyable July 4th holiday and a good summer thus far. This month we are trying out a new format for the Office of Research newsletter and will be refining this template over the next few installments. As always, a list of recent funding opportunity announcements from Grants.gov is included – so please peruse those opportunities and feel free to reach out to the Office of Research if you need help with preparing a proposal or finding collaborators.

Please check out the following announcement from the SAMRI program, regarding an upcoming workshop at the end of July. This will be a good opportunity to learn about potential research topics for the next SAMRI request for proposals and to hear about projects that have already been funded under this program.

SAMRI Announcement:

The [SUNY Applied Materials Research Institute \(SAMRI\)](#) is announcing the 2022 SAMRI collaborative research funding initiative. The funding initiative will kickoff with a two day workshop on **Wednesday, July 27th and Thursday, July 28th**. The first day of the workshop will be dedicated to providing an overview of the program and highlighting existing SAMRI projects. On the second day Applied Materials will introduce six topic areas: 2D materials; Power Devices (GaN, SiC, Si) and Power Device Reliability; Micro LEDs (GaN); Advanced Packaging; Photonics; and CMOS Image Sensors (CIS) Characterization. After this overview, participants will be invited to join breakout rooms for more targeted discussions on each topic. In the breakout rooms, faculty/researchers will be provided the opportunity to present very brief (1-2 slide) presentations on their work/expertise as it relates to the presented topics.

The workshops are open to researchers from across the SUNY system. In order to participate, please register at [SAMRI Workshop Registration Link](#) . If you would like to present your work on one of the six topics, please provide a brief description (2 to 3 sentences) in the appropriate section of the registration form.

Best wishes,

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

Nate Cady

Interim Vice President of Research

DOD

Department of Defense

Dept. of the Army -- Corps of Engineers "Assured Position, Navigation, and Timing (APNT) Vegetation Analysis and Support for Autonomous Vehicle Testing and GPS evaluation in Mixed Vegetation Terrain"

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341446>

NSF

National Science Foundation

Building Synthetic Microbial Communities for Biology, Mitigating Climate Change, Sustainability and Biotechnology Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341405>

HHS

Department of Health and Human Services

National Institutes of Health

Notice of Intent to Publish a Funding Opportunity Announcement for The NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00 Clinical Trial Not Allowed) Forecast 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341421>

DOD

Department of Defense

Office of Naval Research

FY22 FUNDING OPPORTUNITY ANNOUNCEMENT (FOA) for the Office of Naval Research (ONR) Science, Technology, Engineering, and Mathematics (STEM) Program Synopsis 4

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=339127>

HHS

Department of Health and Human Services

National Institutes of Health

Structural Biology of Alzheimer's Disease Related Dementias (ADRDs) Proteinopathies (R01 Clinical Trial Not Allowed) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341519>

DOD

Department of Defense

Office of Local Defense Community Cooperation Defense Manufacturing Communities Support Program Synopsis 3

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=338460>

EPA

Environmental Protection Agency

National Priorities: Research on Disinfectants, Disinfection By- Products (DBPs), and Opportunistic Pathogens in Drinking Water Distribution Systems Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341462>

HHS

Department of Health and Human Services

National Institutes of Health

Pilot Projects Investigating Understudied Proteins Associated with Rare Diseases (R03 Clinical Trial Not Allowed) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341543>

HHS

Department of Health and Human Services

National Institutes of Health

Impact of the Microbiome-Gut-Brain Axis on Alzheimer's Disease and Alzheimer's Disease-Related Dementias (R01 Clinical Trial Not Allowed) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341708>

HHS

Department of Health and Human Services

National Institutes of Health

NCI Clinical and Translational Exploratory/Developmental Studies (R21 Clinical Trial Optional) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342405>

DOE

Department of Energy

Golden Field Office

Fiscal Year 2022 Solar Manufacturing Incubator Funding Opportunity Announcement Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342404>

HHS

Department of Health and Human Services

National Institutes of Health

Postdoctoral Research Associate Training (PRAT) Program (Fi2) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342407>

HHS

Department of Health and Human Services

National Institutes of Health

HEAL Initiative: Career Development Awards in Implementation Science for Substance Use Prevention and Treatment (K01 - Clinical Trial Required) Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342406>

DOE

Department of Energy

Golden Field Office

Challenges and Opportunities for Vehicle Photovoltaics

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342289>

HHS

Department of Health and Human Services

National Institutes of Health

Galvanizing Health Equity Through Novel and Diverse Educational Resources (GENDER) Research Education R25 (R25 Clinical Trial Not Allowed)

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342425>

HHS

Department of Health and Human Services

National Institutes of Health

Institutional Research and Academic Career Development Awards (IRACDA) (K12 - Independent Clinical Trial Not Allowed)

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342424>

HHS

Department of Health and Human Services

National Institutes of Health

Mass Spectrometric Assays for the Reliable and Reproducible Detection of Proteins/Peptides of Importance in Type 1 Diabetes (T1D) Research (U01 Clinical Trial Not Allowed)

Synopsis 1

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342298>