



Division of Research and Sponsored Programs

RESEARCH HORIZONS



MONTHLY NEWSLETTER

The Office of Research and Sponsored Programs works to enable our research community through support and development to achieve research goals through external funding.

January 2023

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The T.I.G.E.R. Research Initiative



The T.I.G.E.R. Research Initiative is the University's comprehensive campaign to reach the goal of \$150 million in funding through research development and strategic partnerships. You can contribute to supporting this goal by submitting a proposal to fund your next great idea.

The Office of Research and Sponsored

Programs is here for pre and post award support. Before you begin, [visit our site to learn more](#) about the submission process.

R2 to R1 Initiative

TSU is on the path to become the second HBCU to achieve an R1 Carnegie classification. Dr. Quincy Quick is leading the university's effort to achieve the 'R1' designation and shared details of the plan during a forum last October. [Read more](#) about the path to R1.

Find Your Funding spin.infoedglobal.com

TSU has access to SPIN from InfoEd Global. SPIN is a database of federal, foundation, and corporate funding opportunities that are easy to search and bookmark. Contact Reginald Cannon at rcannon@tnstate.edu to request access.

Did You Know?

NSF is preparing to transition the preparation and submission of all new proposals from FastLane to Research.gov on January 30, 2023, when the [Proposal & Award Policies & Procedures Guide](#) (PAPPG) (NSF 23-1) becomes effective. Please see the [FastLane Decommissioning webpage](#) for decommissioning deadlines for FastLane proposal review functions and panel review functions.

FUNDING OPPORTUNITIES

Evaluation Of TNCamp Online Database and Filing System
State of Tennessee, Due January 31, 2023
[Read More](#)

Faculty Research Initiative
Thurgood Marshall College Fund (TMCf) & Novartis,
Due February 6, 2023
[Read More](#)

Addressing Evidence-Based Health Benefits of Human-Animal Interaction
Human-Animal Bond Research Institute,
Due February 16, 2023
[Read More](#)

National Center for Education Research (NCER): Research Networks Focused on Critical Problems of Education Policy and Practice Assistance
Department of Education: Institute of Education Sciences (IES), Due February 23, 2023
[Read More](#)

Mid-Career Advancement (MCA)
National Science Foundation, Due March 1, 2023
[Read More](#)

Bidirectional Influences Between Adolescent Social Media Use and Mental Health
National Institutes of Health, Due March 24, 2023
[Read More](#)

RESEARCH SUBMISSIONS AND AWARDS
Award activity from July 1 to December 31, 2022:

125 Proposal Submissions totaling \$150,825,645	118 Awards totaling \$63,276,606
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FACULTY SPOTLIGHT



Dr. Lin Li
Interim Dean of College of
Engineering, Professor of
Civil Engineering

Dr. Lin Li is the Interim Dean of College of Engineering, Professor of Civil Engineering, Professional Engineer, and Fellow of the

American Society of Civil Engineers (ASCE). He has secured more than \$3,000,000 in research grants from NSF, DOE, and other funding agencies since joining Tennessee State University in 2018. His research interests include bio-inspired infrastructure materials and geoenvironmental engineering. Dr. Li is the Principal Investigator of an active \$300,000 Department of Urban and Housing Development (HUD) project titled "Development of Rechargeable Cement-based Battery to Store Energy in Building Structure." "As one of the most used building materials in the world, concrete can make a significant impact on the zero-carbon building. When the concrete works as a means for power storage, it can form the building blocks of entire structures to store energy harvested by renewables, such as solar cells." This project would be the first of its kind that uses a systematic and comprehensive approach to develop rechargeable cement-based batteries. Besides his material research, Dr. Li is also interested in engineering education. He has served as PI of three NSF education grants with the promise of increasing the number of academically talented, economically disadvantaged, and historically underrepresented transfer students enrolling in and graduating with a BS degree in Engineering and Computer Science at TSU.



Dr. Kimberly Cooney
Assistant Professor of
Microbiology

As Assistant Professor of Microbiology in the Department of Biological Sciences, Dr. Kimberly Cooney pledges a commitment to STEM-related research and education, student-faculty

mentorship, professional development, community outreach, and encouraging an educational environment that fosters the growth of future STEM professionals. Joining TSU in 2021, she brings with her research experience in the areas of Interdisciplinary Biomedical Sciences, Cardiology, and Immunology. "As a product of a Historically Black College & University (HBCU), it has always been my goal to apply my training, experiences, and interests for STEM education and research in an environment where I can teach, mentor, and support the career development of minority and underrepresented scientists and STEM professionals. TSU provides this environment while promoting and cultivating my core values for STEM-related teaching, research, and community service." Currently, the global public health concerns of obesity and COVID-19 disease are at the forefront of Dr. Cooney's research interests. Her goals are aimed at understanding the underlying mechanism of immune response driven neutrophils during obesity and SARS-CoV-2 infection and how this response can be regulated to prevent the progression of COVID-19 symptoms and ill effects. As a member of Alpha Kappa Alpha Sorority Incorporated and Tau Beta Sigma National Honorary Band Sorority Incorporated, she supports active community involvement. "My overall goal is to be of service within my community and help provide opportunities for other minorities, especially women of color."

UPCOMING EVENTS

45th Annual University-wide Research
Symposium
March 27-31, 2023

[HBCU Engage 2023](#)

Hosted in collaboration with University Industry
Demonstration Partners
April 18-19, 2023

[Faculty Development Workshops and Seminars](#)

Post-Award Grants Seminar
Presented by Grants Accounting and the
Office and Research and Sponsored Programs
January 27, 2023

Grant Writing Workshop
Presented by Dr. Tony DePass
February 10, 2023

CONNECT WITH US

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