

# RESEARCH HORIZONS



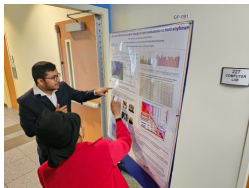
## MONTHLY NEWSLETTER

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

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### Highlights from the 2024 University-wide Research Symposium



The 46th Annual University-wide Research Symposium came together as a celebration of innovation and discovery among students and faculty across campus. The weeklong event was held March 25th to March 29th and showcased over 120 graduate and undergraduate student presentations and 18 faculty presentations.



Dr. James T. Brown gave the keynote address at this year's awards luncheon.

The Symposium concluded in an awards luncheon honoring all participants and announcing the winners in each presentation category. Dr. James T. Brown, Lecturer in the University of Central Florida College of Business and TSU alum, gave an inspiring keynote on how to succeed regardless of your circumstances.

The full list of winners is available [here](#). Planning will begin in the fall for the 47th Annual Research Symposium.

### UPCOMING EVENTS

#### 2024 Summer Research Writing Retreat

May 20 - May 24, 2024

9:00 am – 3:00 pm

Contact Reginald Cannon at [rcannon@tnstate.edu](mailto:rcannon@tnstate.edu) for more information

### Funding & Internship Opportunities

#### Bipartisan Infrastructure Law (BIL) Grid Resilience and Innovative Partnerships (GRIP)

National Energy Technology Laboratory/Department of Energy

Due May 22, 2024

[Read More](#)

#### NIJ FY24 Field-Initiated Action Research Partnerships

National Institute of Justice

Due July 1, 2024

[Read More](#)

Here are internship opportunities with [RTI International](#) available to currently enrolled students and upcoming May 2024 graduates.

#### Social, Statistical, and Environmental Sciences Internship Opportunities

[Technical Training & Assistance \(TTA\) Administrative Support Internship](#)

Application Closes May 17, 2024

[Community Violence Intervention and Prevention Research Internship](#)

Application Closes May 24, 2024

#### Technology Advancement & Commercialization (TAC) Internship Opportunity

[Environmental Health Internship](#)

Application Closes May 17, 2024

### RESEARCH SUBMISSIONS AND AWARDS

Award activity from July 1, 2023 through April 26, 2024:

171 Proposal Submissions totaling

\$140,914, 234

165 Awards totaling

\$80,969,604

## FACULTY SPOTLIGHT



### Dr. Ivan Mosley

Department Chair in the Department of Applied and Industrial Technologies

### Dr. Ivan Mosley Awarded \$500,000 Grant from the Federal Aviation Administration



Representatives from the FAA visited TSU to present the award in March.

Photo: Tennessee State University Newsroom

Dr. Ivan Mosley, Chair of the Department of Applied and Industrial Technologies, is the Principal Investigator of a new grant from the Federal Aviation Administration (FAA). This grant marks the initiation of a cooperative agreement with the FAA aimed at preparing students for roles as pilots and

aviation maintenance technicians within TSU's aviation program and will begin this semester.

FAA Workforce Development Grants were created to help prepare a more inclusive talent pool of pilots and aviation maintenance technicians and to prepare the next generation of aviation professionals. They represent a strategic investment in academic institutions and aviation programs.



### Dr. Ali Sekmen

Department Chair and Professor in the Department of Computer Science

### Dr. Ali Sekmen Awarded \$1.2 Million Grant for AI Research Project

Dr. Ali Sekmen, Department Chair and Professor of Computer Science has been awarded a prestigious \$1.2 million grant from the National Science Foundation (NSF) for his proposal to the CREST HBCU-RISE program. The project, titled "CREST HBCU-RISE: Advancing Theoretical Artificial Intelligence Infrastructure for Modern Data Science Challenges," is a three-year endeavor that will begin at the start of the Fall 2024 semester.

This competitive grant program specifically supports the expansion of research capacity at HBCUs and the training of doctoral students in STEM fields. Dr. Sekmen's project directly aligns with these goals, aiming to both develop new knowledge in Artificial Intelligence and foster the success of the next generation of STEM scholars. His research has the potential for advancements in various sectors that rely on data analysis that would further position TSU as a leader in Artificial Intelligence research and offer a promising step forward the university's pursuit of R1 Carnegie Classification.

## DID YOU KNOW?

The National Science Foundation (NSF), in collaboration with United States Department of Agriculture National Institute of Food and Agriculture (USDA/NIFA), is seeking proposals to advance foundational research in agricultural robotics. These proposals should be of mutual interest to the NSF Foundational Research in Robotics (FRR) program and to USDA/NIFA.

Click [here](#) to learn more.

## CONNECT WITH US

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