

Excelling in Research at TSU



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Research at TSU

Tennessee State University is engaging in cutting-edge research to address critical challenges in our society. Our research arm supports faculty and students by taking their ideas from conception to fruition in critical areas such as biotechnology, homeland security and agriculture, to name a few. Our Centers of Excellence encourage collaborative and experimental learning opportunities and help expand the boundaries of science, education and technology.



Research Areas of Strength

- Cybersecurity
- Advanced Materials (Nano/bio - devices)
- Mechatronics
- Engineering
- Food Science, Safety and Security
- Biotechnology
- Hydroponics
- Cancer Research
- Animal/Plant Science
- Renewable energy
- High performance computing
- Bioinformatics
- Visualization
- Astrophysics
- Molecular Biology
- Biotechnology
- Transportation
- Big Data and Analytics
- Health Disparities
- Environmental remediation
- Control systems
- Wireless communication
- STEM Workforce



Research Goals

Grow Research Activity

Increase Government Contracting

Visits to and by Funding Agencies

Increase Corporate Partnerships and Donations

Build on National Reputation

Grow Research, Economic and Community Development Initiatives



By the Numbers



Current Faculty Research Initiatives



Research Enhancement Award



Faculty Development Series



Mid-Career Scholars Program



Summer Writing Retreat



Transdisciplinary Clusters



Million Dollar Club



Media and Press Releases



Mini-Grants



FY 18 Faculty Research Initiatives



Taking Faculty to DC Initiative



Writing Club



Writing Den



Social Media and Marketing Efforts



Services RSP Provides to Faculty

- Proposal writing, publication submission, and project management coaching
- Assist in finding funding opportunities
- Help with budget development and technical aspects of proposal development
- Review, negotiate and approve contracts
- Coordinate the proposal approval process
- Submit approved proposals to funding agencies
- Follow up on submitted proposals and contracts
- Track proposal and contract submission numbers



Services RSP Provides to Faculty

- Inform PIs/PDs of Award
- Award administration and budget management
- Assist with audits and sponsor site visits
- Assist in close-out of projects
- Compliance monitoring to ensure proper award administration
- Host annual University-wide Research Symposium
- Promote activities that recognize and support campus research activities



Various Research Highlights

are featured in our
2016 & 2017
Research Publications



Research and Sponsored Programs Web-site

www.tnstate.edu/research

The following areas are highlighted for grant support:

- Find Funding
 - Grants.gov/Pivot
- Research Resource
 - Intent to submit
 - Proposal Fact Sheet
- Research Administration
 - Budget Templates



Proposal and Award Life Cycle

- Proposal
 - Five day review
 - Budget and content review
 - Submitted by AOR
- Award
 - Three to nine month response
 - Award received and negotiated by Research
 - Budget prepared by Research Office
 - Sub awards prepared (if needed)



Post Award Administration

- Research and Sponsored Programs
 - Liaison between agency and university
 - Change in award status (Pre-award approvals)
 - Non-cost extension
 - Close-out
- Grant Accounting Office
 - Assign account number (FOAP)
 - Prepare financial reports and invoices to agency
 - Drawdown funds from agency
 - Effort reporting



Who to contact?

Proposal Submission and Liaison between
University and Agencies

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Faculty Development and Finding
Funding Opportunities

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Compliance, Contracts and Sub award

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Agriculture and 1890 Funding
support

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The End

Questions
Comments
Open Discussion