



# NSF Research Experiences for Undergraduates Transformational Technologies for Next Generation Aerospace Systems (TT-AS)



Aero-propulsion,  
Mechatronics &  
Energy Center



The REU program provides undergraduate students in mechanical engineering and related fields an opportunity to participate in ongoing research programs through an integrated learning process including individualized projects, group work, field trips and other professional development activities. We strongly encourage students from underrepresented groups to apply.

## Summer Activities

- Individualized Research Projects
- Learning by Teaching Group Activities
- Professional Development Sessions
- Social and Outreach Activities
- Tours of Research Labs and Local Industry
- Symposium with Oral and Poster Presentations



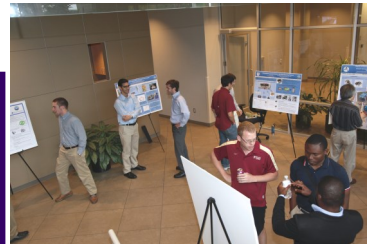
## Research Topics

- Multi-modal Robots
- Smart Materials
- Active Flow Control
- Aerodynamics
- Aeroacoustics
- Sensors and Actuators
- Modeling and Simulation
- Computational Fluid Dynamics (CFD)
- Tribology



## Important Dates

**March 15:** Application deadline.  
**March 29:** Acceptance notifications



**Program duration: June 3 to August 9, 2024**

**10-week program: \$6,000 stipend for all participants. External Participants will be provided living accommodation and travel assistance with the total package exceeding \$9,000**

**Mailing:** REU TT-AS Summer Program, Aero-propulsion, Mechatronics and Energy Center  
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**Detailed on-line application information can be found using the QR code.**

