

NSF REU TT-AS & ENBP-AE Application



Research Experience for Undergraduates (REU)
Dept. of Mechanical & Aerospace Engineering
FAMU-FSU College of Engineering

Application Form

Program Information

The joint REU program is sponsored by NSF INCLUDES and NSF REU Transformational Technology for Aerospace Systems (TT-AS) programs. Its goal is to provide undergraduate students in mechanical & aerospace engineering and related fields an opportunity to participate in ongoing active research programs including development of *multi-modal robots, active flow control, sensors and actuators, smart materials, high-speed aerodynamics, hypersonic flows, tribology*, etc.. The multidisciplinary nature of these projects will engage students in cross-cutting technologies by inspiring the integration and synthesis of original ideas and facilitating a better understanding of engineering design at the system level. Working closely with faculty and graduate students, the participants will gain hands-on experience and higher-level learning skills through other educational and professional development activities.

The program is designed for students who have completed their sophomore/junior years in engineering or related fields. Women, underrepresented minorities, and students from colleges and universities without significant research opportunities are encouraged to apply. Applicants are expected to have a GPA of 2.9 or higher and must be citizens of the US. **Applications are due March 7, 2026.** Prospective students should download and complete the REU Application. **Applicants must also provide a resume, a statement of research/career interests (500 words max), and a copy of your unofficial electronic transcripts by:**

Mail:

Aeropropulsion, Mechatronics and Energy Center
Room 104, 2003 Levy Ave.
Tallahassee, FL 32310

OR email: shih@eng.famu.fsu.edu; OR on-line application:



Program Period: 10 weeks starting May 26 until July 31.

Applicant Information

Full Name:				Date:	
Last		First		M.I.	
Address:					
Street Address				Apartment/Unit #	
City				State	ZIP Code
Phone:	()		E-mail Address:		
Are you a citizen of the United States?		YES <input type="checkbox"/>	NO <input type="checkbox"/>	If no, are you a permanent resident of U.S.?	
YES <input type="checkbox"/>	NO <input type="checkbox"/>			YES <input type="checkbox"/>	NO <input type="checkbox"/>

Note: The following demographic questions are optional for program tracking purpose

M F White African American Hispanic/Latino Asian-Pacific Islander Native American
Gender: Ethnicity/Race:

Education

Present College/University:			
Major Field:			
Academic Year:		Expected graduation date	
Overall GPA			
Academic/Career Objectives:			
Plan after graduation (industry, research labs, graduate school, etc..)			

References

Please list one professional references so we can contact her/him for more information about your application.

Full Name:		Relationship:	
Affiliation:		Phone:	()
Email Address:			

Research/Professional Experience

Have you participated in research program(s) in the past? (optional but might help us to assign projects & mentors)

When:	
Where:	
Topics/Activities:	

Statement of research interests and career plan after graduation (work, graduate schools, etc..)

Also list other relevant professional activities (organization leadership, teaching assistantship, competition events, co-authorship of scientific articles, honors/awards, etc..)

Research Interests

Topics (Check up to three interested topics)

<input type="checkbox"/> Supersonic Flows	<input type="checkbox"/> Active Materials	<input type="checkbox"/> Flow Control	<input type="checkbox"/> Instrumentation
<input type="checkbox"/> Robotics	<input type="checkbox"/> Haptics	<input type="checkbox"/> Model/Simulation	<input type="checkbox"/> Thermal/Fluids
<input type="checkbox"/> Computational Fluid Dynamics	<input type="checkbox"/> Tribology/Materials	<input type="checkbox"/> Wind Tunnel Testing	<input type="checkbox"/> Flow Visualization

Note: Other research interests can be elaborated in the statement of research interests