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, haptics and robotic hands, 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 27, 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 ☐	NO ☐	If no, are you a permanent resident of U.S.?	YES ☐	NO ☐

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

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

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)

☐ **Supersonic Flows**	☐ **Active Materials**	☐ **Flow Control**	☐ **Instrumentation**
☐ **Robotics**	☐ **Haptics**	☐ **Model/Simulation**	☐ **Thermal/Fluids**
☐ **Computational Fluid Dynamics**	☐ **Tribology/Materials**	☐ **Wind Tunnel Testing**	☐ **Flow Visualization**

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