

# 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](mailto: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"/>

**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..)**

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### 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**