



NSF RESEARCH EXPERIENCES FOR UNDERGRADUATES

HYPER: Advanced Technologies for HYpersonic, Propulsive, Energetic and Reusable Platforms

May 21 – July 29 | UCF Main Campus | Orlando, Florida



Be a part of a multidisciplinary research team through the National Science Foundation Research Experience for Undergraduates Site at the University of Central Florida, with joint sponsorship by the Department of Defense. As a participant in this 10-week program, you will engage in hands-on research training in contemporary challenges such as utilizing advanced propulsion, additive manufacturing techniques, flutter mitigation, developing novel methods for improved internal cooling and heat transfer effectiveness, and much more.

BENEFITS

- Participate in hands-on research guided by a faculty mentor and a graduate student
• Visit NASA Kennedy Space Center and aircraft manufacturers
• Receive training on simulation software
• Prepare for graduate school and a research career

ELIGIBILITY

- U.S. citizen or permanent residents
• GPA of 3.0 or higher
• Sophomore or junior engineering majors enrolled at four-year colleges and universities in the U.S.
• Women and students from underrepresented minority groups are encouraged to apply.

SUPPORT

- Summer stipend of \$6,000
• On-campus room and board
• Travel allowance to and from Orlando, Florida



To learn more, visit cater.cecs.ucf.edu/hyper or contact the program directors Ali P. Gordon or Jeffrey L. Kauffman at hyper@ucf.edu.