

Funded Openings for Ph.D. Students in Hypersonics

*Department of Mechanical Engineering
The University of Texas at San Antonio*

UTSA is a Minority Serving Institution – Applications from Traditionally Underrepresented Students are Encouraged

Highly motivated individuals with an enthusiasm for research and an interest in experimental supersonic and hypersonic aerodynamics, fluid dynamics, and laser diagnostics are sought for multiple Ph.D.-level graduate student research assistant positions in the Department of Mechanical Engineering at The University of Texas at San Antonio with a potential start date in August 2022. The successful candidates will gain hands-on experience in the development and application of state-of-the-art laser diagnostics, wind tunnel testing, and cutting-edge data analysis techniques. Selected students will also have the opportunity to work on research projects with direct relevance to the next generation of high-speed capabilities currently under development by the DoD, NASA, and aerospace industry.

Required Qualifications:

- **U.S. citizenship as of the proposed start date.**
- Bachelor's degree or Master's degree in mechanical engineering, electrical engineering, physics, or a related discipline by the proposed start date.
- Strong interest in experimental fluid dynamics.
- Excellent verbal and written communication skills.
- Working style demonstrating initiative with a capability for self-learning.
- Experience working effectively in a team environment.
- Availability for 20 hour/week research assistant commitment in addition to coursework.

Interested applicants should send their CV to:

Dr. Christopher Combs
Assistant Professor
Dee Howard Endowed Faculty Fellow
Department of Mechanical Engineering
The University of Texas at San Antonio
ccombs@utsa.edu

