

ABOUT UTSI

The UT Space Institute is a vibrant research, education, and innovation center of excellence, located on a satellite campus of the University of Tennessee, Knoxville, in Tullahoma, Tennessee. The campus is adjacent to the epicenter of US aerospace ground testing at the Arnold Engineering Development Complex. Known as an internationally recognized institution for graduate study, it conducts research in engineering, physics, mathematics, and aviation systems and has made remarkable contributions at the local, state, national, and global levels.

DEGREE PROGRAMS

UTSI students have several programs to choose from to further their academic career. Check out our degree programs:

- › Aerospace Engineering
- › Biomedical Engineering
- › Mechanical Engineering

Learn more about our programs: utsi.edu/academics.



RESEARCH AREAS

Excellence in research is the foundation of UTSI's reputation. UTSI is driving advances in aerospace and defense technologies and systems with current projects including:

- › Advanced Manufacturing for Aerospace and Defense Applications
- › High-Speed (Hypersonic) Aerothermodynamics
- › Hypersonic Propulsion and Computational Fluid Dynamics
- › Gas Turbine Engines and Sustainable Aviation
- › Medical Devices
- › Nanoparticles for Medical Applications
- › Micro Electrostatic Propulsion Thrusters

Explore our research: utsi.edu/research.

OUR GRADUATES

We have many distinguished alumni, several of whom have achieved national fame as astronauts, company presidents, chief scientists, engineering managers and renowned scholars and scientists. Many of our alumni occupy high-level positions in industry, government, and universities not only in the United States but in other countries as well. With more than 2,000 alumni, our graduates are innovators and leaders across Tennessee.

OUR FACILITIES

The Research Park at UTSI houses over 80,000 sq.ft of research lab. Several centers are located in the labs including the Center for Laser Applications, HORIZON Center for Hypersonic Research, and the Center for Computational and Experimental Aerospace Research. Our labs include:

- › Chemistry Science Lab
- › Materials Science Lab
- › Advanced Technology Lab
- › Nanodynamics and High-Efficiency Lab
- › Flow Diagnostics Lab
- › X-Ray Diffraction Lab
- › Picosecond Lab
- › Propulsion Lab
- › Vacuum Chamber Lab
- › Mach 2 Wind Tunnel with Mach 4 and Mach 6 tunnels under design
- › Mach 7 Ludwig Wind Tubes

Learn more about our facilities: utsi.edu/research

GET IN TOUCH

University of Tennessee Space Institute
411 B. H. Goethert Parkway, Knoxville, TN 37388
Main Office: 931-393-7123 | Student Services: 931-393-7287
Web: utsi.edu | Email: admit@utsi.edu

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