AEROSPACE ENGINEERING

Graduate Program Head: Amy Pritchett
Program Code: AERSP
Campus(es): University Park (Ph.D., M.S., M.Eng.)
Degrees Conferred:
- Doctor of Philosophy (Ph.D.)
- Master of Science (M.S.)
- Master of Engineering (M.Eng.)
The Graduate Faculty: View (https://secure.gradsch.psu.edu/gpms/?searchType=fac&prog=AERSP)

Opportunities for graduate study are available in the following areas:

- Low-speed aerodynamics
- Airplane and helicopter aerodynamics
- V/STOL aircraft
- Turbulence
- Astrodynamics
- Turbomachinery
- Air breathing propulsion
- Aeroacoustics
- Gas dynamics
- Stability and control of aerospace vehicles
- Aerospace structures
- Structural dynamics
- Aeroelasticity
- Rotorcraft engineering
- Computational fluid dynamics
- Experimental fluid dynamics
- Space propulsion
- Space vehicle dynamics
- High-performance computing