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