

Graduate education led by world-class subject matter experts from nine universities, enhanced by state-of-the-art laboratory facilities, with both on-site and distance-learning instruction in Hampton, Virginia.



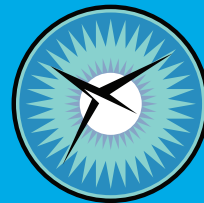
www.NIAnet.org

To Apply



education@nianet.org
757-325-6731

NATIONAL
INSTITUTE OF
AEROSPACE



100 Exploration Way
Hampton, VA 23666
757-325-6700
www.NIAnet.org

GRADUATE EDUCATION

NIA

NATIONAL INSTITUTE OF AEROSPACE

Unrivalled Education
Opportunities For Current
and Future Aerospace
Engineers and Scientists

www.NIAnet.org

A Strategic Partnership

between nine leading research
universities & NASA

NIA Graduate Students:

Enroll in unique courses, exclusive to NIA, from distinguished university faculty, both on-site and through distance learning

Conduct research on-site in the NIA Research and Innovation Laboratories and at NASA's Langley Research Center

Gain firsthand experience working with real-world NASA engineering and science challenges

Grow in a generous assistantship program

Benefit from mentoring by leading university subject matter experts and established NASA and NIA researchers

Network with professionals in academia, industry and government

Earn Masters or Ph.D. degrees from one of our leading research universities

"NIA's graduate program gave me the opportunity to work with world-class researchers at NASA while taking classes from multiple outstanding institutions. That combined experience has benefited both my education and my research, and has prepared me for a great future in aerospace engineering."

Chris Jones

Georgia Institute of Technology/NIA
Graduate Research Assistant, 2013

National Institute of Aerospace

Enroll in unique courses, exclusive to NIA

NIA's academic programs are led by the Institute's Samuel P. Langley Professors, recognized subject matter experts in their distinguished fields. Distinguished faculty members from NIA's consortium of nine universities teach courses both on-site and through distance learning technology.



PROGRAMS AT NIA:

- Adaptive Aerospace Systems
- Aerospace Acoustics, Vibration and Noise Control
- Aeromechanics and Aerothermodynamics
- Aerospace Vehicle Systems
- Air Traffic and Air Safety
- Atmospheric Sciences
- Computational Fluid Dynamics
- Flight Control Systems
- Materials and Structures
- Nanotechnology
- Self-Repairing Aerospace Systems
- Sensor Technologies
- Space Exploration Systems

Conduct research

NIA offers a graduate education opportunity unparalleled by any other university. That's because NIA has access to the talent and support of nine major research universities and NASA's Langley Research Center.

Graduate Students at NIA utilize this strategic advantage to take classes taught by distinguished faculty from any combination of the nine universities, while conducting research on-site and at NASA Langley Research Center.



Graduate students have on-site access to the following research facilities:

- NIA Research and Innovation Laboratories
- Bruel & Kjaer Laboratory for Aerospace Acoustics, Vibration and Noise Control
 - Integrated Structural Health Management Laboratory
 - Morpheus Laboratory (Adaptive Aerospace Vehicles and Systems)
 - Nanomaterials Laboratory
 - Photonics, Sensors and Solar Energy Laboratory
 - Rapid Prototype Laboratory
 - Space Systems Laboratory
 - Wet Chemistry Laboratories
 - Wind Tunnel

Gain firsthand experience

NIA's Langley Professors are recognized subject matter experts in their respective fields and bring their years of academic, industry, NASA and other government agency experiences with them.

Students Gain Exposure To:

- NASA projects and programs
- Emerging disciplines
- Software developed by NASA
- Data obtained through NASA instruments and satellites
- NASA's agency-wide technical library and archive of records

Grow in a generous assistantship program

- Tuition and Fees
- \$22,000 - \$26,000 annual stipend (based on academic standing)
- Travel stipend for conferences and professional meetings



Benefit from mentoring

- Receive academic advising from the Institute's Langley Professors
- Conduct research under the mentorship of distinguished faculty and established researchers at NIA and NASA



Network

- Meet professionals outside of the Institute and build your network
- Explore professional opportunities in both the public and private sector
- Attend seminars and short courses presented by experts from across the globe

Earn

- Master of Science
- Doctor of Philosophy
- Doctor of Science
- Doctor of Engineering Science

"My NIA graduate work was a stepping stone for my recent accomplishments at NASA Langley. The NIA education and research program helped me develop the skills and embrace the opportunity to contribute to the successful Curiosity rover landing on Mars."

Jody Davis

NASA Langley Research Center
Atmospheric Flight and Entry
Systems Branch