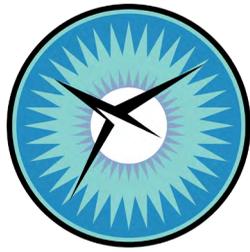


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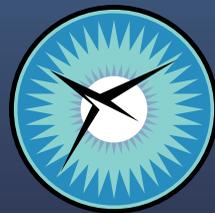
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Jasme Lee

NIA Graduate Research Assistant
North Carolina State University, 2019



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- **Gain** experience working on critical engineering and science challenges
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- **Network** with professionals in academia, industry and government

“NIA's graduate research assistant program provides access to some of the best research facilities and laboratories in the nation.”

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Elizabeth (Libby) Urig
NIA Graduate Research Assistant
University of Virginia, 2019

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- Engineering Physics
- Modeling and Simulation



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NIA's academic programs are spearheaded by the Institute's Samuel P. Langley Professors, each a recognized subject matter expert in their respective fields. Supported by other distinguished faculty and researchers, a wide range of for-credit graduate courses, short courses, and seminars are offered in a range of topical areas.

Conduct Research

NIA has access to the combined talent, resources and infrastructure of nine major research universities and NASA's Langley Research Center.



Research Programs at NIA Include:

- Adaptive Aerospace Systems
- Aerospace Acoustics, Vibrations 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 Systems
- Sensor Technologies
- Space Exploration Systems

NIA's Research and Innovation Laboratories Encompass the Following Research Facilities:

- Brüel & Kjær Laboratory for Aerospace Acoustics, Vibration and Noise Control
- Aerospace Systems Design Laboratory (ASDL@NIA)
- Photonics, Sensors and Solar Energy Laboratory
- Integrated Structural Health Monitoring Laboratory
- Laser and Plasma Technology Laboratory
- Materials and Optics Laboratory
- Nanomaterials
- UAVs
- Rapid Prototyping
- Wet Chemistry Labs
- Low-Speed Wind Tunnel

Gain Experience

Students benefit from the unique combination of resident faculty, including our Langley Professors, alongside NASA's and NIA's researchers. Students will be exposed to:

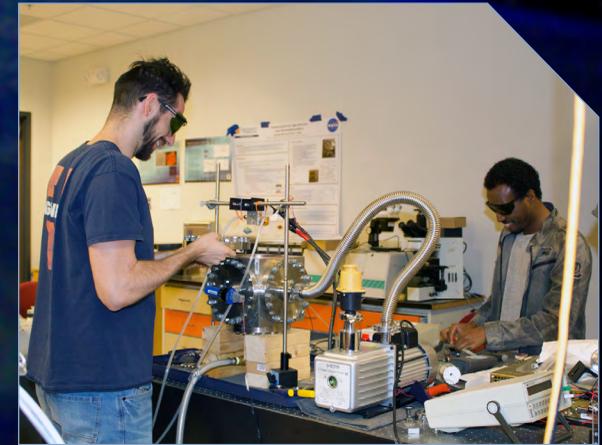
- Current, active NASA research programs
- State-of-the-art software and laboratories
- NASA-acquired data from space missions, flight tests and ground test facilities

Benefits

- Receive academic advising from resident faculty
- Conduct research under the combined mentorship of faculty and established NASA and/or NIA researchers

Network

- Meet faculty and students from other universities
- Meet professionals from NASA, NIA and other government agencies
- Interact with professionals at technical and social events
- Attend seminars and short courses taught by experts from all across the globe



Grow

NIA's flagship graduate assistantship program, the NIA GRA, includes:

- \$23,000-\$27,000 annual stipend (depending on academic standing)
- Full in-state tuition
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- Travel stipend

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