

Research Internships in Science and Engineering

RISE@APL



Advance Your Career

If you're a full-time Johns Hopkins student majoring in engineering, computer science, applied mathematics, or physics and would like to strengthen your preparation for a technical career, the Research Internships in Science and Engineering (RISE@APL) Program is designed for you. This highly competitive summer internship program focuses on professional development.



The RISE@APL Program is offered to well-qualified, highly motivated undergraduate and graduate students who have an interest in engineering and applied scientific research and are attending the Johns Hopkins University.

RISE@APL participants will have the opportunity to work at the Johns Hopkins University Applied Physics Laboratory (APL), where they will be partnered with a staff mentor experienced in their field of study.

A Strong Reputation

A division of the Johns Hopkins University, APL is one of the nation's premier engineering and research and development centers. For nearly 75 years, APL has been a high-technology resource, setting the pace for innovation with a staff of more than 5,800. As a university affiliated research center, APL serves as a liaison between government and industry—a trusted and impartial technical agent.

That status, combined with our ability to team with the academic divisions of Johns Hopkins, means we can meet the nation's most critical challenges through a proven formula of teamwork, systems engineering, and the application of advanced technology.

APL's breadth of capabilities spans the national security and space exploration domains. RISE@APL participants will spend their summer in one of the following mission areas:

- Air & Missile Defense
- Civil Space
- Cyber Operations
- Homeland Protection
- National Health
- National Security Analysis
- National Security Space
- Precision Strike
- Research & Exploratory Development
- Sea Control
- Special Operations
- Strategic Deterrence

Research in Your Field

At APL, RISE@APL participants are teamed with a staff scientist or engineer who is conducting research and development in a field of study consistent with the intern's academic major.

Participants have the chance to apply their schooling and hone their problem-solving skills while helping to solve critical problems affecting our nation.

Typical internship assignments may include:

- Software Design and Development
- Modeling and Simulation
- Testing and Evaluation
- Hardware Design
- Data/Systems Design
- Scientific Research



Apply Now!

For consideration, applicants should be:

- an engineering, computer science, applied mathematics, or physics major
- a full-time student at the Johns Hopkins University
- an achiever with at least a 3.0 overall GPA
- a person with an interest in applied scientific research
- a U.S. citizen (required to obtain a security clearance)

APL typically hires students who have, at a minimum, completed their sophomore year of study in a technical discipline.

Internships are available only as a paid experience and not for academic credit.

Apply for a RISE@APL internship before December 31.

Instructions for applying can be found at:

<http://www.jhuapl.edu/employment/summer/rise.asp>

