

# ATLAS

## Internship Program



**If you're a rising junior or graduate student** majoring in engineering, mathematics, physics, or computer science and would like to strengthen your preparation for a technical career, the APL Technology Leadership Scholars (ATLAS) Program is designed for you. This highly competitive, 12-week program focuses on technology leadership development.

The ATLAS Summer Intern Program is offered to well-qualified, highly motivated undergraduates and graduate students who have an interest in applied scientific research and are attending historically black colleges and universities (HBCUs), Hispanic-serving institutions (HSIs), or other minority institutions (MIs).



## A Strong Reputation

Each summer, about 20 ATLAS summer interns have the opportunity to work at the Applied Physics Laboratory (APL), where each intern partners with a staff mentor who is experienced in the intern's field of study.

A not-for-profit division of the world-renowned Johns Hopkins University, APL is one of the nation's premier centers for engineering and research and development. With a staff of 5,000, annual funding of \$1.08 billion, and a wealth of intellectual capital, APL has been a resource for a wide range of government agencies for more than 70 years.

As a University Affiliated Research Center, APL serves as a liaison between government and industry—a trusted, impartial, and noncompetitive technical agent. That status, as well as our close relationship to both the university and medical institutions of Johns Hopkins, means that 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 mission areas and disciplines of all branches of the military. ATLAS interns spend their summer in one of the following mission areas:

- Air and Missile Defense
- Civil Space
- Cyber Operations
- Homeland Protection
- National Security Analysis
- National Security Space
- Precision Strike
- Research and Exploratory Development
- Sea Control
- Special Operations
- Strategic Deterrence
- Other Emerging Areas

## Research in Your Field

At the Laboratory, ATLAS summer interns are paired with a staff scientist or engineer who is conducting research or a program evaluation in a field of study consistent with the intern's academic major.

ATLAS summer interns have the chance to demonstrate their academic abilities and hone their problem-solving skills while helping to solve critical problems affecting our nation. Typical internship assignments may include the following:

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

## Professional Growth

ATLAS summer interns attend professional development seminars that teach them how to operate effectively in professional and business environments. Interpersonal skill development, interviewing skills, and resume preparation are addressed. Additionally, interns receive a series of APL facility tours and brown-bag-lunch presentations.

ATLAS summer interns get the chance to practice communication skills such as technical writing, public speaking, presentations, and the projection of ideas and opportunities. Our goal is to help students understand and appreciate their own aptitude, to grow personally and professionally, and to envision their future careers.



The summer internship mentoring program also pairs interns with APL staff members outside of the interns' direct management chain. This program helps interns become acclimated to APL's social and professional culture and helps develop skills that may not be directly related to the interns' summer tasks.

## Compensation

In addition to receiving full-time summer intern salaries, students living out of the area will be reimbursed for the cost of travel to the Baltimore/Washington area (mileage, airfare, etc.). Students are responsible for obtaining housing and arranging transportation to and from APL.

*"I love the people at APL, and I definitely recommend it as a great place for interns to work. You get to meet interesting peers, gain work experience, and grow as an individual." —Blair, ATLAS Internship Program Alumnus*

# Apply Now!

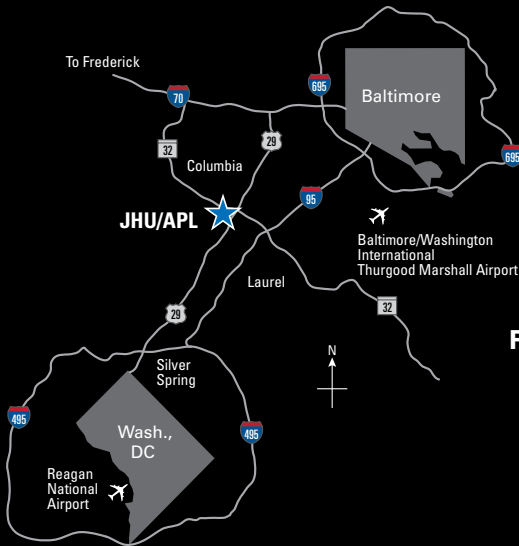
For consideration, applicants should be:

- at least a rising junior or graduate student at a minority institution (HBCU/HSI/MI);
- majoring in electrical engineering, computer engineering, mechanical engineering, aerospace engineering, physics, math, or computer science;
- an achiever with at least a 3.0 GPA;
- a person with an interest in applied scientific research; and
- a U.S. citizen.

Apply for an ATLAS internship before December 31 by visiting:

<http://www.jhuapl.edu/education/diversity/atlas.asp>

or, for more information, contact our college recruiting office at 240-228-3456.



**APL** is located midway between Washington and Baltimore, with convenient access to major highways and local attractions. See our **Visitor's Guide** for more details.

**For more information, contact:**

**College Recruiting**  
240-228-3456

**Employment**  
240-228-3172

**or visit us on the web at:**

[www.jhuapl.edu](http://www.jhuapl.edu)

The Johns Hopkins University Applied Physics Laboratory is an equal opportunity/affirmative action employer that complies with Title IX of the Education Amendments Act of 1972, as well as other applicable laws, and values diversity in its workforce.