

WHO IS ARL?

As a university center of research excellence in naval science and technologies, with preeminence in undersea missions and related areas, the Applied Research Laboratory at The Pennsylvania State University (ARL/PSU) provides solutions to problems in national security, economic competitiveness, and quality of life.

ARL'S CORE RESEARCH AREAS

- Acoustics
- Advanced Materials
- Computational Mechanics
- Condition-based Maintenance
- Drivetrain Technologies
- Electron Beam – Physical Vapor Deposition
- Environmental Compliance
- Fluid Dynamics and Turbomachinery
- Guidance and Control of Autonomous Vehicles
- Information Sciences
- Institute for Non-lethal Defense Technologies
- Laser Technology and Applications
- Manufacturing Science and Technology
- Modeling and Simulation
- Navigation
- Repair Technologies; U.S. Navy REPTECH
- Signal Processing
- Surface Engineering and Coating Technology
- Thermodynamics and Thermal Power Systems

CONTACT US

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**The Pennsylvania State University
Applied Research Laboratory**

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PennState
Applied Research Laboratory

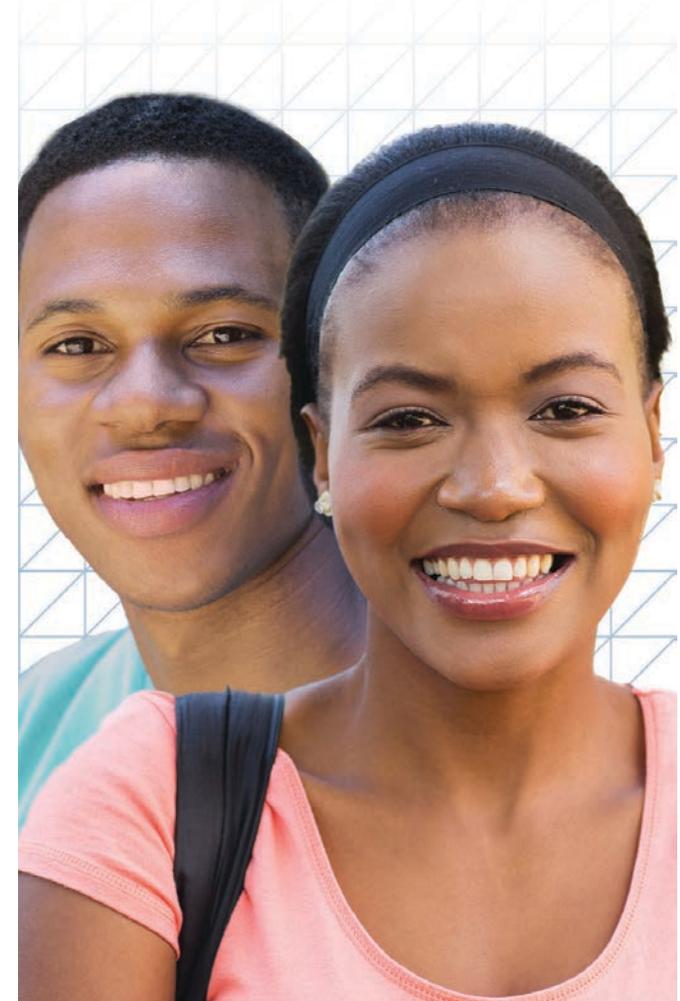
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Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

DIV_1908_Open DOOR brochure U.Ed. ARL 19-1

OPEN DOOR

**DIVERSITY OUTREACH
OPPORTUNITIES IN RESEARCH**



PennState
Applied Research Laboratory

WHAT IS ARL OPEN DOOR?

The Applied Research Laboratory (ARL) Open DOOR summer research program was established in 1997 to provide science and engineering students an opportunity to conduct research with faculty and scientists at the ARL/Penn State collaborative. Recruitment efforts are targeted at students from Historically Black Colleges and Universities (HBCUs) and Minority-Serving Institutions (MSIs), who may have an interest in attending graduate school at Penn State.

Interns selected for the program will serve as active, hands-on, contributing members of the research staff at ARL in areas such as mechanical engineering, software development, or simulation and modeling, as well as participate in professional development activities. A strong possibility exists for establishing a continuing research project between ARL and the researcher's home institution.

The length of the program varies according to the research being performed. Interns customarily spend 8-10 weeks at ARL. By mutual agreement, the researcher may continue the research project beyond this period.



WHO IS ELIGIBLE?

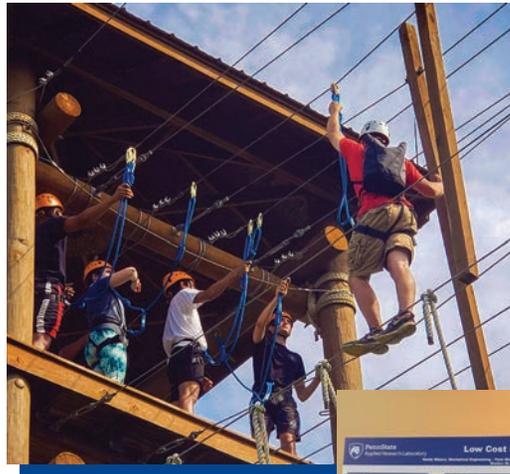
Undergraduate students in engineering or science at a U.S. college or university are eligible to join the Open DOOR program.

PROGRAM TERMS

This program is specifically for undergraduate students who have completed their freshman year. Interns can earn \$21-31 per hour. Travel expenses, housing, and meals may also be provided.

Each applicant must supply:

- A recommendation of one faculty member, administrator, or advisor
- An unofficial copy of your transcript
- A copy of your most recent résumé.



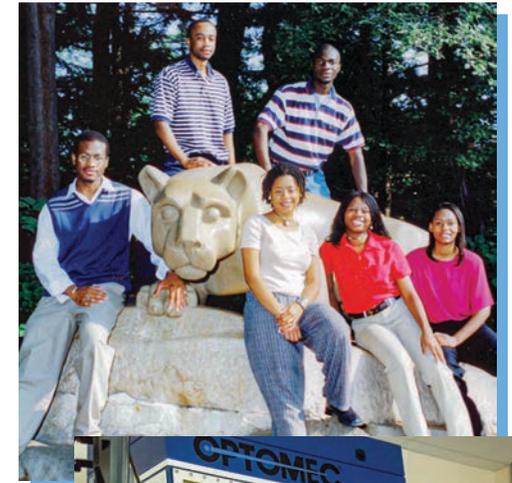
NEXT STEPS

Visit the ARL website to learn more and apply.

 arl.psu.edu/DOOR

Applications will be accepted until all available positions are filled. The number of positions available will vary according to the needs of the faculty.

Selected applicants will be notified beginning in December.



**U.S. CITIZENSHIP AND
BACKGROUND CHECK REQUIRED**