

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 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

Hope Conklin, R & D Engineer
Applied Research Laboratory

P.O. Box 30

State College, PA 16804-0030

Telephone: (814) 867-3936

Email: hrg5090@arl.psu.edu

www.arl.psu.edu/diversity.php



This publication is available in alternative media on request.

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PennState

Applied Research Laboratory

Open D.O.O.R.

Diversity, Outreach,
Opportunities in Research



What is ARL Open D.O.O.R.?

The ARL Open D.O.O.R. summer research program was established in 1997 to provide science and engineering students an opportunity to conduct research with faculty and scientists at the Applied Research Laboratory Penn State collaborative. Recruitment efforts are targeted at attracting students from HBCUs and MIs, 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. 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 10-12 weeks at ARL. By mutual agreement, the researcher may continue the research project beyond this period.



Who is Eligible?

Undergraduate students with junior or senior status, and recent graduates in engineering or science at a U.S. college or university are eligible.

Program Terms

Undergraduate applicants must have completed the sophomore or junior year. Graduate applicants must have had at least one year of research experience. Undergraduates earn \$13-14 per hour. Graduate students may earn up to \$26.56 per hour. Travel expenses, housing, and meals are also provided. Each applicant must supply the recommendation of one faculty member, administrator, or advisor, and an unofficial copy of your transcript, and a copy of your most recent résumé.



Next Steps

You may download an eligibility form from the ARL website:

www.arl.psu.edu/diversity.php

or you may make a request for a copy of the eligibility form to:

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Eligibility forms will be accepted from January 31 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 March.

SPECIAL REQUIREMENTS

**U.S. citizenship
and
Background Check
Required**
