Who is ARL?

ARL Penn State is a Navy-sponsored research facility established in 1945 to advance the Navy’s technology base through research and development. Its mission today is to serve as a center of research excellence in undersea science and technology.

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

Patricia Hayes, SFRP Coordinator
Applied Research Laboratory
P.O. Box 30 [MS 1030D]
State College, PA 16804-0030
Telephone: (814) 863-9940
Email: pgh1@arl.psu.edu
www.arl.psu.edu/education_faculty.php

Minorities and women are encouraged to apply.
What is ARL’S SFRP?
ARL’s Summer Faculty Research Program was established in 1997 to provide science and engineering faculty an opportunity to conduct research with faculty and scientists at the Applied Research Laboratory/Penn State collaborative. Recruitment efforts are targeted at attracting faculty from HBCUs/MIs.
Research faculty selected for the summer program will serve as active, hands-on, contributing members of the research faculty 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. Faculty customarily spend 10 weeks at ARL. By mutual agreement, the researcher may continue the research project beyond the 10-week period.

Who is Eligible?
All faculty who hold a teaching or research position in engineering or science at an accredited U.S. college or university are eligible. U.S. citizenship and a background check are required.

Program Terms
A Junior Summer Faculty Fellow applicant must have at least three years of research experience in his/her field of expertise since earning a Ph.D. A Senior Faculty Fellow applicant must have at least six years of research experience in his/her field of expertise since earning a Ph.D. The applicant must have significant documented record of research accomplishments and publications, particularly in refereed journals and books. Stipends for the summer program start at $1,400 per week and increase dependent on the number of years since earning a Ph.D. Each Fellow may be reimbursed for personal travel expenses to and from the research site at the start and end of the program. A modest housing allowance may also be arranged.

Application Process
You may download an application form from the ARL website: www.arl.psu.edu/education_faculty.php or you may make a request for a copy of the application by sending an email message to pgh1@arl.psu.edu
Applications will be accepted from January 31st until all available positions are filled. The number of positions available will vary according to the research needs of the faculty and funding availability. Selected applicants will be notified beginning in March.

Special Requirements
Although most of the work is unclassified, some research projects may be classified in nature. All participants must be U.S. citizens and either hold or are eligible for a Department of Defense clearance at the CONFIDENTIAL or SECRET level.