The Pennsylvania State University

Executive Director Defense Related Research Units and Applied Research Laboratory Search

About The Pennsylvania State University

The Pennsylvania State University (PSU) is one of the ten largest universities in the United States, with over 84,578 students enrolled at 19 campuses and four special mission campuses throughout Pennsylvania. An additional 12,000 degree-seeking students are enrolled via the Penn State World Campus (bringing total enrollment to more than 96,000 students).

One in every 120 Americans with a college degree received it from Penn State. It boasts over 600,000 living alumni and an alumni association with 169,000 dues-paying members. It employs 44,000 people and has an annual budget in excess of $4 billion. In Pennsylvania, it has a total economic impact of over $17 billion, the largest single effect of any organization in the state. It ranks, in the 2012 world index of the Academic Ranking of world Universities, among the top 50 universities on the planet. In its sheer size, in its prominence within Pennsylvania, in its place in the nation, in its transformative effect on student lives, in the power of its research and in its cumulative history, Penn State offers a huge impact.

The University was founded in 1855 when the Commonwealth chartered it as a college of agricultural science. It admitted its first class in 1859. It is located in the heartland of central Pennsylvania, an area of prosperous, well established farms that still endure. In 1862, the leadership of the College helped to champion the passage of the Morrill land-grant Act. In 1863, the Pennsylvania legislature made the College its official and sole land-grant designee, a role it still proudly carries. Penn State continues to refer to its land-grant mission in its commitment to recruit and admit a diverse student body by increasing avenues of access for individuals within the Commonwealth and beyond.

In the 1990s, Penn State began development of Innovation Park, a research park that includes a very successful business incubator. This 118-acre business park provides access to Penn State resources and supportive services to transfer knowledge from the University to the marketplace.

In 2000, Penn State opened its World Campus, its own entry in distance and electronically aided education. The University was early to adopt distance education, building on its legacy of correspondence courses, and made the rare choice to encourage innovation with online learning across all 24 campuses. Faculty across the University establish courses and many students take one or two World Campus courses during their academic career. Last year, 4,500 Penn State residential students took at least one World Campus course. Today, World Campus teaches 12,000 students and it has had double digit growth in each of the last five years.

PENNSTATE

The Defense Related Research Units and Applied Research Laboratory

The Defense Related Research Units (DRRU), which encompasses the Applied Research Laboratory (ARL) and the Electro-Optics Center (EOC), is proud to be a part of the Penn State tradition.

ARL at Penn State is an integral part of one of the leading research universities in the nation and serves as a University Center of Excellence in defense science, systems, and technologies with a focus in naval missions and related areas. As a DoD-designated, U.S. Navy UARC (University Affiliated Research Center), ARL maintains a long-term strategic relationship with the U.S. Navy and provides support for the other services. ARL provides science, systems, and technology for national security, economic competitiveness and quality of life through:

- Education
- Scientific Discovery
- Technology Demonstration
- Transition to Production

PENNSTATE

As a University Center of Excellence in naval science, systems engineering 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. In fulfillment of this mission the Laboratory:

- Performs basic and applied research, exploratory development, advanced development in systems engineering, and manufacturing technology in support of the Navy technology base

- Champions the transfer of advanced technologies and manufacturing processes, in partnership with industry and Navy research development centers, to acquisition programs and fleet operations, as well as to other government agencies and the private sector

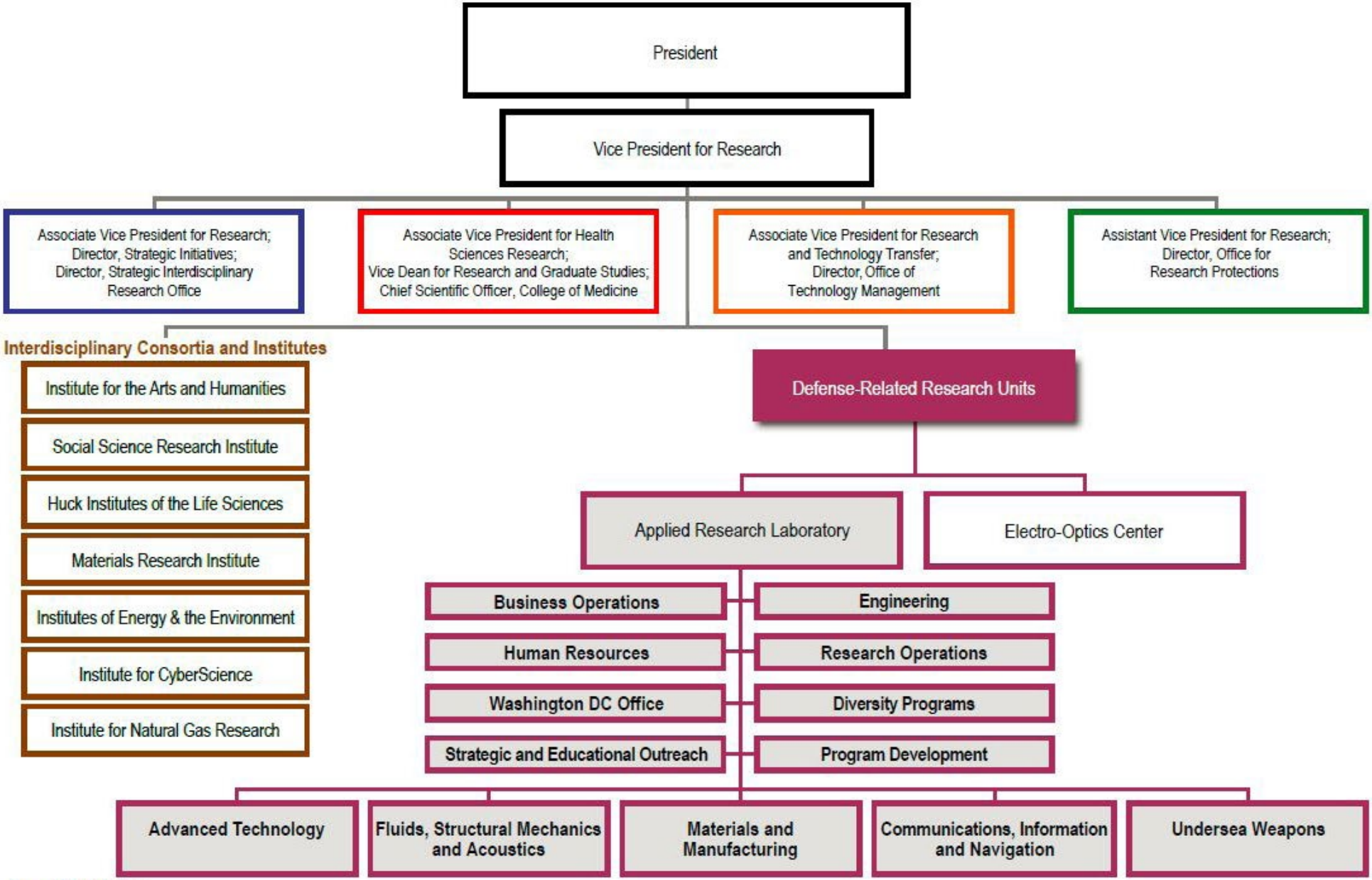
- Contributes to the educational objectives, research goals, and public service outreach of the Pennsylvania State University

Strategic Relationships - ARL Penn State, a U.S. Navy University Affiliated Research Center (UARC) as designated by DoD, maintains a long-term strategic relationship with the Naval Sea Systems Command (NAVSEA) and the Office of Naval Research (ONR). Characteristics of this relationship include:

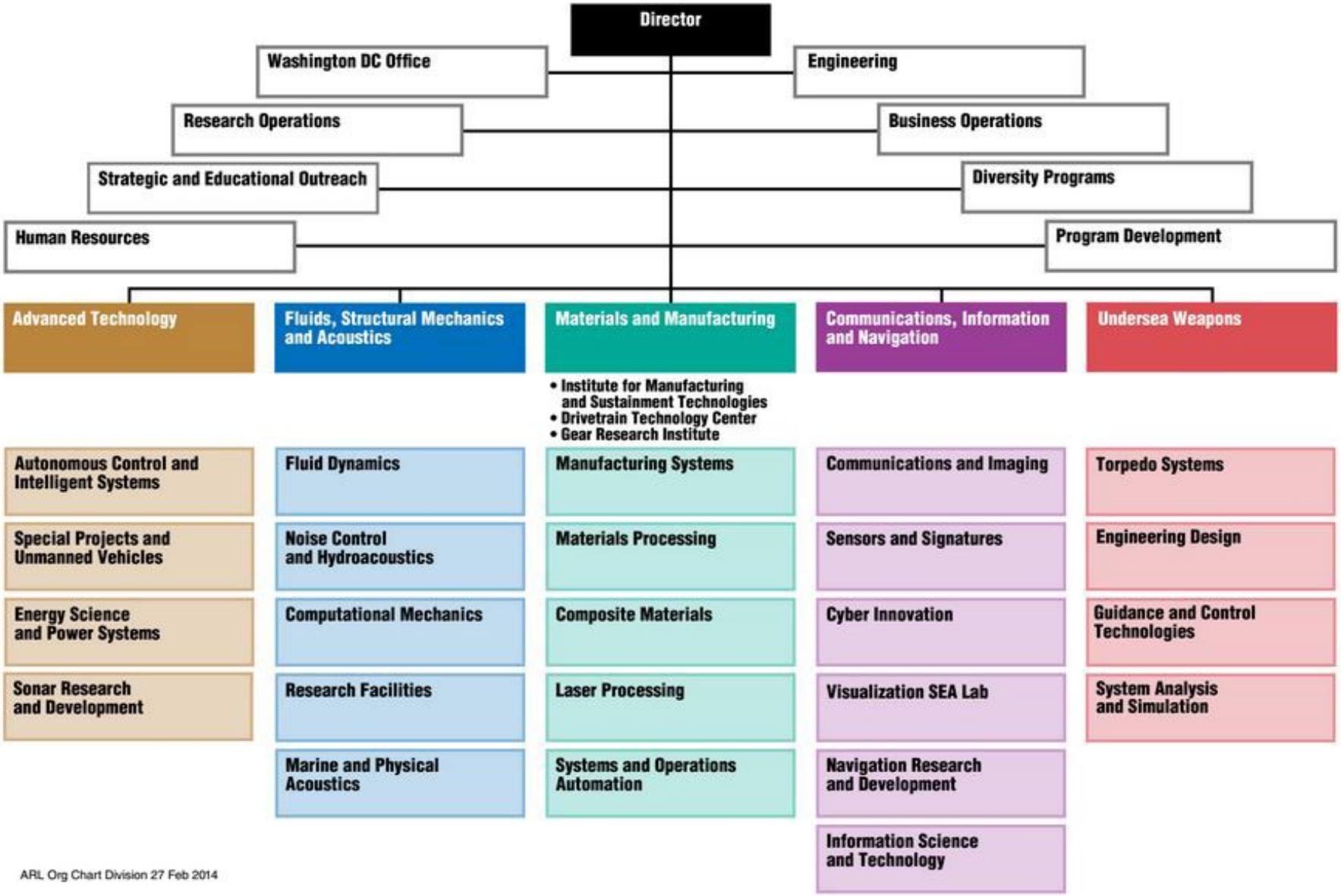
- Responsive to evolving needs
- Comprehensive knowledge of needs and problems
- Access to information and proprietary data
- Corporate knowledge and technical memory
- Objectivity and independence from commercial interests
- Quick response capability
- Current operational experience
- Freedom from real and perceived conflicts of interest

Background

- The U.S. Navy established the Applied Research Laboratory at Penn State in 1945
  - Eric Walker, first Director (1945-51) and Penn State President (1956-70)
  - Water Tunnel completed in 1949 as the Navy's principal hydrodynamic facility
  - Intercollege Graduate Degree Program in Acoustics established in 1965
- In 1996, the Navy reaffirmed its strategic relationship and commitment by designating ARL as a University Affiliated Research Center (UARC);
- ARL is a DoD Manufacturing Technology (MANTECH) Program affiliate;
- ARL faculty and staff provide technical leadership in the Navy for our areas of expertise. Additionally, we educate the next generation of scientists and engineers for the Naval workforce;
- ARL is the largest research unit within Penn State with more than 1,000 faculty and staff.



Research Org 27 Feb 2014


Director
Washington DC Office
Engineering
Research Operations
Business Operations
Strategic and Educational Outreach
Diversity Programs
Human Resources
Program Development
Advanced Technology
Fluids, Structural Mechanics and Acoustics
Materials and Manufacturing
Communications, Information and Navigation
Undersea Weapons
• Institute for Manufacturing and Sustainment Technologies
• Drivetrain Technology Center
• Gear Research Institute
Autonomous Control and Intelligent Systems
Special Projects and Unmanned Vehicles
Energy Science and Power Systems
Sonar Research and Development
Fluid Dynamics
Noise Control and Hydroacoustics
Computational Mechanics
Research Facilities
Marine and Physical Acoustics
Manufacturing Systems
Materials Processing
Composite Materials
Laser Processing
Systems and Operations Automation
Communications and Imaging
Sensors and Signatures
Cyber Innovation
Visualization SEA Lab
Navigation Research and Development
Information Science and Technology
Torpedo Systems
Engineering Design
Guidance and Control Technologies
System Analysis and Simulation
ARL Org Chart Division 27 Feb 2014

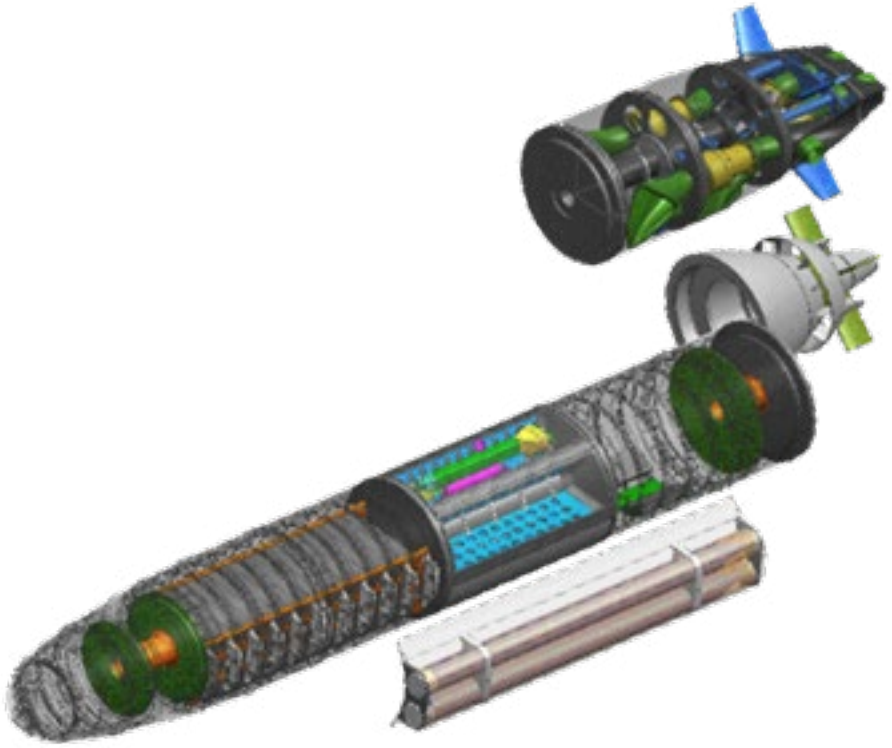
Advanced Technology Office

Mission: *To increase the warfighter's capability through the development and demonstration of advanced science and technology for autonomous control and intelligent systems, energy science and power, sonar research and development, and unmanned underwater vehicles.*

The faculty and staff in the Advanced Technology Office (ATO) focus on advancing the state-of-the-art in autonomous and intelligent systems, unmanned undersea vehicles, power and energy systems, and advanced sonar system, along with many other technologies needed to make these advanced systems effective.

ATO maintains a long-standing relationship with a variety of defense related science and technology agencies. These relationships enable the development and demonstration of prototype systems for our core capabilities. ATO supports transition of a range of technologies to the fleet. State-of-the-art facilities enable ATO's cutting-edge undersea research. ARL researchers provide support for the Navy's developmental and operational testing requirements for UUV's. ARL also maintains a fleet of modular UUVs for use by various sponsors. The Sonar Research Division maintains facilities for high-energy sonar material characterization as well as acoustic test tanks for in water sonar system testing. In addition, ARL operates the Deep Ocean Test Facility in Annapolis, Maryland in support of government and industry programs. This facility includes a 10-foot diameter, 25-foot long test chamber capable of ocean depth pressures, salinity, and temperature from 0 - 9000 meters. ATO supports initiatives in shipboard power systems through its laboratory.

ATO also supports the educational mission of Penn State through collaborative research with more than 20 part-time graduate and undergraduate students. In addition, ATO developed and conducts the unmanned undersea vehicle (UUV) short course to educate Navy, government civilian, and industry teams in the fundamentals of UUV systems technology.



PENNSTATE

Communications, Information, and Navigation Office

Mission: *To provide innovative solutions to challenging problems in the areas of communications, surveillance and reconnaissance; decision support; and precision navigation and timing through the development of advanced sciences and technologies. Solutions span domains from undersea to outer space and into cyberspace.*

The Communications, Information, and Navigation Office (CINO) provides innovative solutions to national security challenges in air, land, sea, space, and cyber domains. CINO's faculty and staff conduct basic and applied research, rapid prototyping, system deployment, and test and evaluation in support of multiple sponsors. Graduate and undergraduate students contribute a continually refreshed talent pool, bringing a unique perspective to National security problems.

CINO works with sponsors in the Department of Defense, the intelligence community, and the private sector to develop and transfer advanced technologies to non-proprietary solutions. ARL's status as a University-Affiliated Research Center (UARC) enables sponsors from the interagency community to leverage core competencies in intelligence, surveillance, and reconnaissance (ISR); communications; cyber and informatics; and precision navigation and timing to matters of national security.

CINO scientists and engineers work closely with our partners to close critical intelligence gaps with expertise in both traditional and non-traditional ISR. CINO experts advance the state-of-the-art in novel imaging technologies, including electro-optic (EO), infra-red (IR), and flash LADAR, and conduct research on emerging methods that provide real-time threat indicator and warning functions.

With multi-disciplinary research as a primary tenet, CINO is at the forefront in the cyber domain; executing basic S&T programs in collaboration with other Penn State organizations. These programs focus on increased understanding in the cognitive sciences to enable hacktavist profiling, insider-threat detection, and vulnerability assessment of systems.

Within CINO, the Synthetic Environment Applications Laboratory (SEA Lab) is used to conduct research with advanced immersive visualization, simulation, and collaboration technologies for improved decision support; and the Navigation Research and Development Center's specialized laboratories provide research, development, test, and evaluation on navigational sensors and systems.

PENNSTATE

Fluids, Structural Mechanics, and Acoustics Office

Mission: *To further ARL's mission, focusing on the sciences and technologies that fulfill the needs of the Navy, DoD, and industry in experimental and computational fluid dynamics, experimental and computational acoustics, and propulsor and pump design and testing, while making significant contributions to the education, research, and outreach mission of Penn State.*

The Fluids, Structural Mechanics, and Acoustics Office (FSMAO) focuses on the areas of experimental and computational fluid dynamics and acoustics, turbomachinery and pump design, and the teaching and advising of both graduate and undergraduate students. The office includes five divisions comprised of graduate and research faculty, staff engineers, support staff, and graduate and undergraduate students.

The many successful programs developed by the team are built on three foundational pillars: state-of-the-art experimental facilities and equipment; advanced software tools and high performance computing (HPC) for computational fluid dynamics (CFD) and computational acoustics; and faculty teaching, advising, and research. Experimental facilities include four water tunnels, a glycerin tunnel, a quiet pump loop, and an anechoic chamber. Extensive computational resources for both fluid dynamic and acoustic simulations are also available for use by FSMAO team members, who consume more than eleven million processor hours of on-site and off-site HPC resources—both classified and unclassified—each year.

ARL expertise in fluid dynamics and acoustics has also been applied beyond the core Navy mission, developing into significant efforts for other government sponsors, industry, academia, and the medical engineering community.

The emphasis on support to the educational mission of the University can be illustrated by FSMAO faculty involvement with two centers within the College of Engineering, the Center for Acoustics and Vibration and the newly created Fluid Dynamics Research Consortium. Both emphasize collaboration between faculty and students within ARL and the College of Engineering in core technology areas.

Materials and Manufacturing Office

Mission: *To provide innovative materials, process, manufacturing, design and logistics technologies for affordable, high performance platform structures and systems in support of U.S. Navy and Department of Defense needs.*

The faculty and staff in the Materials and Manufacturing Office (MMO) apply core competencies in materials, process, design, manufacturing, and logistics technologies to develop and implement affordable, high-performance defense structures and systems. The office works to mature process, component, and system technologies from applied research, through design, fabrication, and test. MMO also employs graduate and undergraduate students who work closely with faculty and staff to develop innovative solutions. The office has a history of effective collaboration with DoD organizations and industry – collaboration that has been instrumental in successful technology transition and implementation.

MMO has strong relationships with a variety of sponsors in the national defense complex and leads the Institute for Manufacturing and Sustainment Technologies (iMAST), a DoN ManTech Center of Excellence. iMAST applies nationally recognized expertise in materials, drivetrain technologies, laser processing, composites, manufacturing systems, and complex systems monitoring to reduce acquisition and service life costs. Similarly, MMO research in advanced logistics has produced real benefits to platform affordability and availability.

MMO has a broad base of facilities to include the Center for Innovative Materials Processing through Direct Digital Deposition (CIMP-3D). CIMP-3D is a cutting-edge Advanced Manufacturing Demonstration Facility. The center has capabilities to support analysis, design, materials development, processing, inspection, characterization, and certification and is the metals hub of the National Additive Manufacturing Innovation Institute.

Undersea Weapons Office

Mission: *To increase the warfighter's capability through the development and demonstration of advanced science and technology for the undersea weapons enterprise with the expertise, tools, and processes to take concepts from the early developmental phase through transition to industry and the fleet.*

The Undersea Weapons Office (UWO) is a key provider of science and technology to the U.S. Navy's undersea weapons enterprise. UWO conducts foundational research and develops innovative, technology-based solutions to address emergent Navy needs, with a focus on design for affordability, manufacturability, and transition of weapons to the fleet.

UWO scientists, engineers, and staff possess core competencies covering undersea weapons from nose to tail, including guidance and control, acoustics, signal processing, intelligent control, weapon tactics, and vehicle control. UWO maintains a knowledge base of all U.S. Navy torpedoes and provides system integration, test, and life cycle engineering support, including rapid prototyping and in-water demonstration. UWO also recognizes the importance of developing future generations of scientists and engineers by integrating graduate and undergraduate students into undersea weapons systems projects.

Recently completed and ongoing efforts in UWO include the accelerated delivery of the Surface Ship Torpedo Defense Anti-Torpedo Torpedo to the fleet; technical leadership and management of the effort to reconstitute industry production of advanced torpedoes; active participation in the in-service weapon Advanced Processing Build (APB) program that provides improved capabilities to current fleet torpedoes; and participation in multiple Future Naval Capabilities (FNC) Programs developing and transitioning offensive and defensive undersea weapon technologies to the fleet.

ARL Business Operations Office

Mission: *To provide efficient and high quality administrative, management, and financial support to ARL faculty, staff and its sponsors in order to enable and facilitate research, scholarship and creative endeavors, and to enhance ARL's ability to meet its principle mission as a university center of research and development excellence in DoD science and technology, providing technical innovations and solutions to real-world problems in national security, economic competitiveness and quality of life. ARL Business Operations is committed to providing the highest quality service, while maintaining fiscal integrity and compliance with University and federal regulations.*

The ARL Business Operations Office is comprised of the following departments: Proposals, Contracts, Subcontracts, Purchasing, Property, Mailroom Shipping and Receiving, Finance and Accounting. It is comprised of 40 full-time and 2 part-time staff members.

The ARL Finance Department is responsible for protecting the financial assets of ARL and provides a financial infrastructure to support ARL's technical work. The array of services includes: accounting, finance, budgeting, and financial and information systems. The Finance Office performs the tasks required to support ARL's contracts and to assure that all business transactions are conducted in compliance with the University's Policies & Procedures, generally accepted accounting principles, and with the regulations required by the federal government. The Finance Department reviews and approves approximately $178M in annual expenditures.

The ARL Proposal Department is responsible for all pre-award activities related to external funding and provides support to ARL and University researchers in preparing high quality, responsive proposals submitted to sponsoring agencies; to serve as a resource for knowledge about proposal requirements, budgeting methodologies, government regulations, and policies and procedures of the University; to maintain a system of internal controls for developing accurate and complete budget estimates; to collaborate with sponsoring agencies, industry, and government auditors in efforts directed toward expediting the funding of research to the University. The Proposal Department submits over 500 proposals per year valued at $275M.

The ARL Contracts Department is responsible for cradle to grave contract administration. They negotiate and administer approximately 550 contract actions per year. The Contracts Department is responsible for facilitating all actions through final close out.

The ARL Subcontracts Department is responsible for the efficient and timely initiation, negotiation and cradle to grave post award administration of all subcontract and consulting procurement awards in compliance with the provisions of the prime sponsored award and University policy and procedure. The department negotiates and administers 63 subcontracts valued at $32.7M.

The ARL Purchasing Department is responsible for the efficient and timely procurement of goods and services and to obtain the maximum value for each dollar expended, utilizing open competition and impartial evaluation of alternate products. The department places over 1,200 orders valued at $26.6M.

The ARL Property Department is responsible for efficient and timely asset management services. This includes monitoring and reporting on over 1,000 pieces of government property valued at $36.2M.

ARL Research Operations Office

Mission: *To provide high quality resources needed to execute the Laboratory's research and service portfolio through effective infrastructure resource planning, management tools and practices, internal and external connectivity and collaboration, security, and spaces.*

The ARL Research Operations Office consists of the following divisions/departments: Physical Plant, Computing & Networks, Security and Safety, Machine Shops, Publications, and Information Services. It is comprised of 113 full-time and 12 part-time staff members.

The ARL office of Physical Plant is responsible for space planning, assessments, design, renovation, and maintenance of 628,000 sf of office and laboratory space in 14 buildings predominately in the State College, PA area. Support operations/leasing is also provided at 7 remote facilities across the U.S. The EOC has two buildings in the Kittanning, PA area. This office coordinates with the PSU Office of Physical Plant as well as developers, contractors, and building inspectors.

The Computing & Networks Division plans, implements, and administers a distributed, multiple operating system set of networks at varying classification levels, storage, software site licensing and distribution, and develops and maintains financial and engineering information management systems for enterprise use. ARL develops and maintains several High Performance Computing clusters and enterprise servers in two data centers. This group provides cybersecurity protections through collaboration with PSU, other laboratories, and various government agencies.

The Security and Safety Division is responsible for implementation of the National Industrial Security Program for Penn State. This includes clearances, physical access controls and guards, document control, communications security, information security, export compliance and public release reviews through collaboration with multiple agencies. There is also a robust, site-specific health and safety program implemented throughout ARL.

The Machine Shops department provides CNC and manual machining, welding, coordinate validation measurement, anodizing, and painting. These services are housed in a main and two satellite shops. The process can be entirely digital from CAD solid models to generation of tool paths, cutting, and inspection including at the classified protection level.

The Publications department provides multimedia production and services including electronic publication, imaging, videography, exposition displays and documents, and graphic design.

The Information Services department provides digital archiving, controlled access collections, information searches and acquisition. This group provides the interface to the PSU University Libraries.

Penn State

Electro-Optics Center (EOC)

Location: Freeport, PA (30 miles northeast of Pittsburgh, PA)

Since 1999, EOC has proudly served as the Office of Naval Research's (ONR) Manufacturing Technology Center of Excellence for electro-optic, energy systems, and related technologies. The EOC's goal is to reduce acquisition, operational and life-cycle costs while simultaneously improving mission capability of electro-optic military hardware, which puts new technology into the hands of our warfighters. Since its inception, the EOC and its partner members of its Electro-Optics Alliance (EOA) have completed over 64 Navy Manufacturing Technology projects with savings in excess of $1 billion to the taxpayer. Others, including the Army, Air Force, Missile Defense Agency, and USMC have leveraged EOC for many more projects that have resulted in over $5B of cost savings to the DoD. EOC's outreach programs engage children, enhance diversity and support veterans to insure the future viability of the US electro-optics workforce.

The EOC is a hybrid between the best components of a university and those of private industry. This relationship allows us access to the university's researchers and scientists, its state-of-the-art facilities and leading edge research. Our staff, comprised primarily of industry and Department of Defense (DoD) personnel, brings experience in exceeding sponsor and corporate expectations. Through the application of this hybrid model, the EOC is able to provide its sponsors with solutions that combine leading edge research with on-time and on-budget deliveries.

The EOC model incorporates a collaborative network of U.S.-based industrial, academic and government organizations, called the Electro-Optics Alliance (EOA), that forms the critical link between research and development and the industrialization required to advance DoD critical electro-optics manufacturing science and technology, transition that technology successfully to industry, and to promote U.S. preeminence in all areas of electro-optics. To meet that goal, the EOA is designed to facilitate formation of dynamic, geographically distributed teams comprised of EOA members from government, industry and academia best qualified to address specific issues and opportunities.

From groundbreaking research to extending the lives of legacy systems, EOC staff has successfully demonstrated they can meet our sponsors' most challenging technology transition requirements. By addressing warfighter issues from a systems solution perspective, the EOC is able to effectively shorten the development life cycle and expediently field relevant solutions at lower cost and greater availability.

PENNSTATE

Points of Pride

Penn State University is extremely proud of the technical contributions being made to our national defense by the dedicated scientist and engineers of the Applied Research Laboratory and the Electro Optics Center. The specific accomplishments are described in the previous summaries of technical areas.

In addition, ARL takes great pride in its role of educating the next generation of scientists and engineers in disciplines critical to the Navy, and to the other DoD organizations. ARL provides financial support of approximately 350 students during the course of a year through both graduate and undergraduate student programs.

Undergraduate Programs

- Cooperative Education in Engineering
- Undergraduate Student Employment Opportunities
- Undergrad Research Stipends

Graduate Programs

- Graduate Program in Acoustics (College of Engineering)
  Since 1965, as a founding collaborator with the Graduate School and the College of Engineering, the Applied Research Laboratory has enjoyed a close relationship with Penn State's Graduate Program in Acoustics. The Acoustics program is unique in the U.S. as the only institution granting the Ph.D. in Acoustics and, of the 45 members of the graduate faculty in Acoustics, about half have primary appointments at ARL. ARL also provides the majority of the program's space in the Applied Science Building. The Acoustics program currently has about 60 graduate students in residence, about half Ph.D. and half M.S. More than half of these residence students receive research assistantships through ARL faculty grants or the ARL Walker Assistantship program. Approximately 100 additional distance education students take courses each semester. In 1987, ARL co-founded the Distance Education program in Acoustics, the net revenues from which are shared between ARL and Acoustics.
- ARL Walker Graduate Assistantship Program
- Other Sponsored Research-Funded Graduate Assistantships

Post-Graduate Programs

- Distance Learning
  - Programs in Navigation
- A Marine BioAcoustic Summer School
  - SeaBASS
- PSU Continuing Education Short Courses
  - Laser Processing
  - Acoustics
  - Signal Processing
  - Vibration

Diversity Outreach Programs

- Diversity at ARL
- Diversity Outreach Opportunities Research (D.O.O.R.)
- Undergrad Summer Internship Program in Fluid Dynamics
- Summer Faculty Research Program
- Center for Undergraduate Research (CURO)
- Historically Black Colleges & Universities (HBCU) Steering and Advisory Committee
- Summer Research Opportunities Program (SROP)

Research Collaboration Programs

- Multi-University Research Initiatives (MURI)
- NASA Strategic Partnership
- Defense Threat Reduction Agency (DTRA)

the Position

Executive Director
Penn State Defense Related Research Units

The Pennsylvania State University seeks candidates for the position of Executive Director, Defense Related Research Units (DRRU). The Executive Director reports to the Vice President for Research and is responsible for directing Penn State's DRRU, assuring that it is integrated into the mission of the University and responsive to the research and development requirements of government sponsors, primarily the U.S. Navy.

The DRRU encompasses two separate units, one being the Applied Research Laboratory (ARL) of which this position also holds the title ARL Director, and the other being the Electro-Optics Center (EOC) located in Kittanning, PA, which has its own Director. The Executive Director of DRRU oversees and coordinates the research activities of both ARL and EOC. The Applied Research Laboratory is a University Affiliated Research Center (UARC) as designated by the Department of Defense (DoD) with prime management responsibility resting with the U.S. Navy. The mission of ARL is to maintain DoD essential engineering, research and development within core capabilities. As a UARC, ARL maintains a long-term strategic relationship with the DoD. Key characteristics of the relationship include: independence and objectivity, freedom from real and/or perceived conflicts of interest and broad corporate knowledge. The Laboratory's core capabilities include: undersea systems; fluids, structural mechanics, and acoustics; communications, information and network systems; materials and manufacturing; navigation; and advanced technologies such as vehicle systems engineering, sonar, power and energy systems. The EOC serves as a national resource to advance electro-optics and related technologies by partnering with government and industry in support of the Navy and DoD. Both organizations are supported through research contracts from various sponsor offices and organizations.

Specific responsibilities of the Executive Director of DRRU and the Applied Research Laboratory include:

1. Provide technical and administrative leadership to ensure the quality and productivity of all programs; develop and execute Laboratory goals and long-range plans; work with senior managers to acquire and oversee execution of approximately $200M per year of contract research tasking; maintain an effective organizational structure with efficient and agile management practices.

2. Recruit and manage an outstanding Laboratory workforce, numbering approximately 1,200, composed of research faculty, engineers, support staff, and students. Promote the scholarly activities and professional development of all employees and students.

3. Maintain a close interface and liaison with sponsoring organizations and their leaders to understand their objectives and to prepare the Laboratory to be responsive to evolving research needs and opportunities.

4. Interface and collaborate with University colleges, consortia/institutes, graduate and undergraduate programs, and research units to advance the research, education and service mission of the University.

5. Foster the transfer of advanced technologies, manufacturing processes and education to industrial and governmental sectors for improved productivity and economic growth.

6. Interact with federal and state government legislators and agencies, military officials, and industry regarding ARL strategies and capabilities.

7. Maintain and Develop DRRU's 688,000 sf. of laboratories and facilities predominately located in University Park, PA with ARL's field offices located in Annapolis, MD, Warminster, PA, Keyport, WA, Washington, D.C. and EOC facilities located in Kittanning, PA and Freeport, PA.

PENNSTATE

Qualifications

The successful candidate should have a demonstrated record and capability to lead a large, diverse organization that is performing science and technology programs and systems R&D programs in the disciplines listed in the introductory paragraph in support of the Navy and DOD. Experience as an effective administrator is essential to this position, as well as a demonstrated record of achievement and commitment to the scholarship of research, teaching and service. The preferred candidate should have a doctoral degree in an Engineering or Science discipline and 15 or more years of related experience. Personal characteristics of high energy and integrity, capability to work and communicate with others, ability to solve problems, sound judgment and a commitment to diversity are essential.

You must be a U.S. citizen to apply. Candidate selected will be subject to government security investigations and must possess a current eligibility for a Top Secret security clearance. Review of candidates will begin March 1, 2014 and will continue until a qualified applicant is hired.

Process

The Pennsylvania State University is being assisted by Harris Search Associates for this search.

A cover letter including statement of interest and CV/ resume should be submitted electronically in confidence to:

Jeffrey Harris, Managing Partner
Harris Search Associates

Tel: 614-798-8500 ext. 125
Email: jeff@harrisandassociates.com
www.harrisandassociates.com
www.iicpartners.com

The Pennsylvania State University/Applied Research Laboratory offers an exceptional benefits package, including a 75% tuition discount for employees, their spouse or domestic partner and eligible dependents.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

Harris Search Associates
INNOVATION + TALENT

iic Partners
Executive Search Worldwide

Harris Search Associates, an IIC Partners member firm, is a leading global executive search and board advisory consulting firm. Our practice is focused on identifying and attracting leaders to support the growth of clients in the areas of research, science, engineering, academic medicine and commercial enterprises. Clients include the foremost universities, research parks, institutes, academic medical centers and commercial organizations driving global innovation and discovery.

Argentina
Australia
Austria
Belguim
Brazil
Canada
Chile
China
Columbia
Czech Republic
Denmark
Finland
France
Germany
India
Ireland
Italy
Japan
Latvia
Mexico
Norway
Poland
Portugal
Romania
Russia
Spain
Sweden
Switzerland
Taiwan
Thailand
The Netherlands
United Kingdom
United States
Venezuela

PENNSTATE