



NAVAL
POSTGRADUATE
SCHOOL

An Introduction to the Naval Postgraduate School



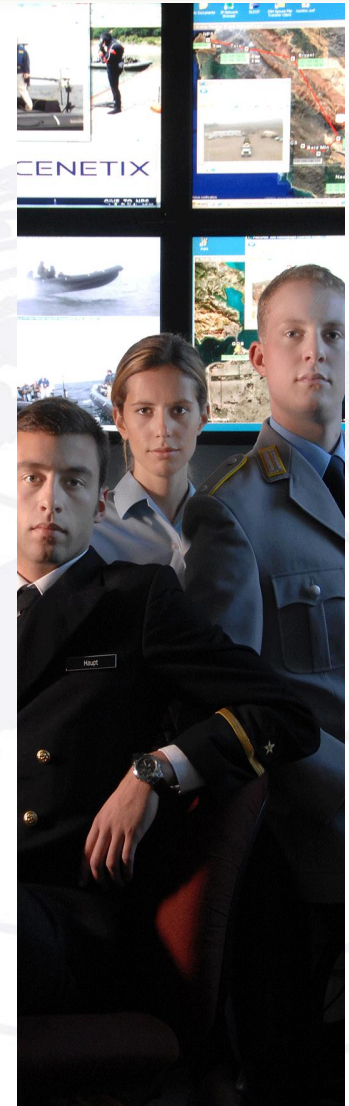


The Naval Postgraduate School is a **mission-driven** institution.

NPS MISSION – OPNAVINST 5450.210D

Programs: “Provide relevant and unique **advanced education and research programs** to increase the combat effectiveness of commissioned officers of the naval service to enhance the security of the United States.”

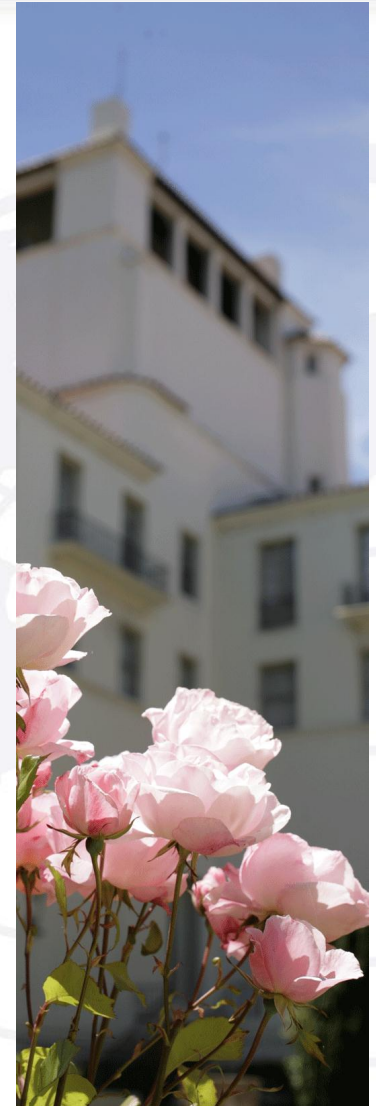
Research and Faculty: “In support of the foregoing, and **to sustain academic excellence**, foster and encourage a program of relevant and meritorious **research** which both supports the needs of Navy and Department of Defense while **building the intellectual capital of NPS faculty.**”





NPS is a **graduate-level research university**, applying academic rigor to a defined niche.

- Responds to joint, interagency, emerging needs and coalition requirements of the Departments of Navy, Defense, Homeland Security and more
- Largest sponsor is the U.S. Navy
- Fosters a multi-service, interagency, coalition learning environment
- Prepares the joint intellectual leaders for tomorrow's joint forces





NPS has a long, rich history in the pursuit of innovative education to improve national security.

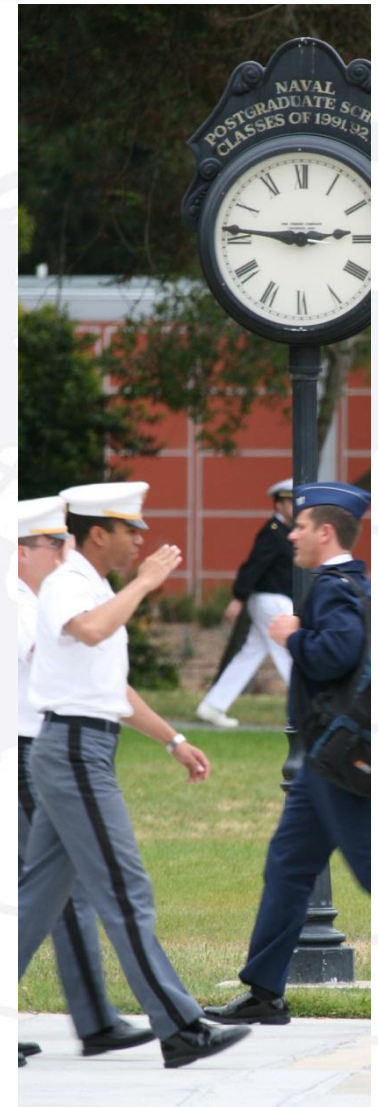
- 1909 - Founded at the U.S. Naval Academy
- 1951 - Moved to Monterey
- 1951 - Operations Research department
- 1956 - Systems Management department
- 1972 - National Security Affairs department and War-Fighting curricula (anti-submarine warfare)
- 1996 - Information Warfare curriculum
- 1999 - Joint Professional Military Education campus
- 2003 - Homeland Security curriculum
- 2004 - Information Operations
- 2011 - Cyber Systems and Operations





NPS fulfills the **graduate education needs** of the Department of the Navy and more.

- Master's Degrees, Ph.D., Engineer, MBA, EMBA, more
 - Biennial program reviews by flag-level sponsors
- Subspeciality and professional education
- Professional certifications
- JPME
- CIVINS

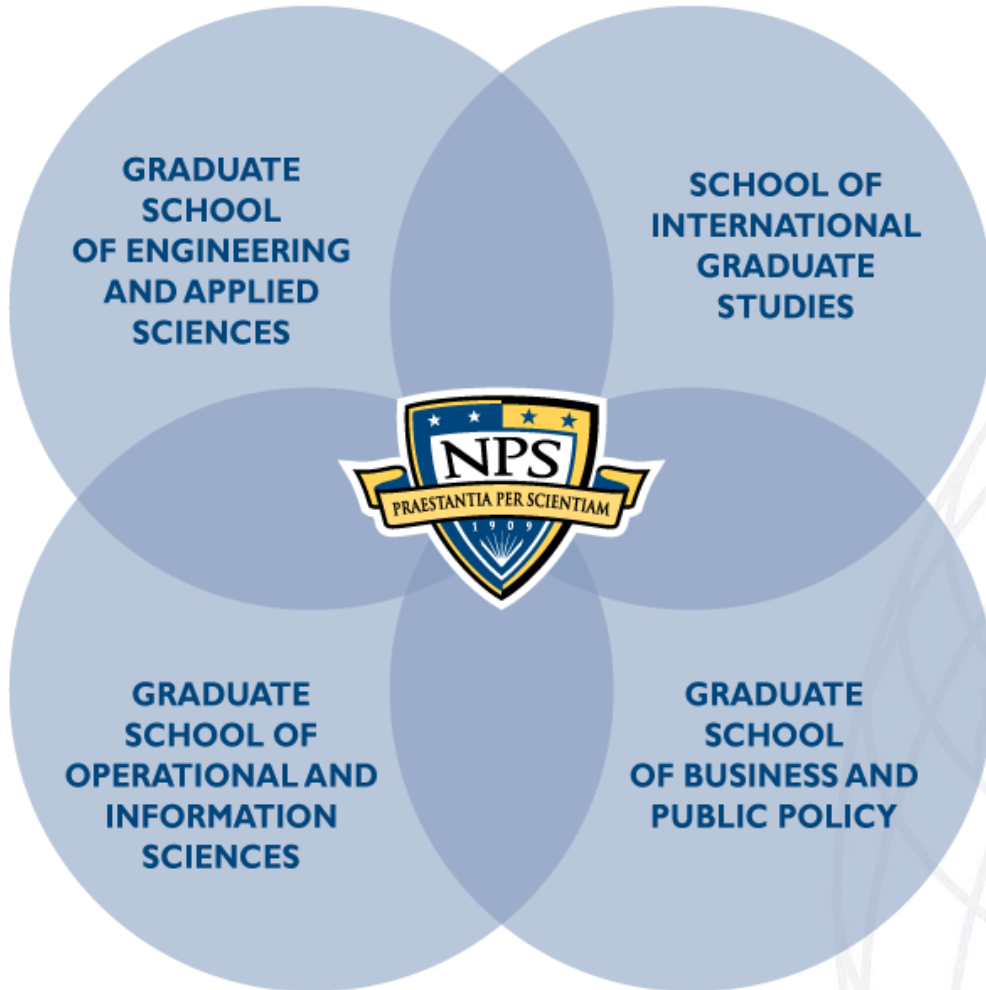




NPS was recently awarded a 10-year reaccreditation, **the longest term** achievable.

- **WASC** Western Association of Schools and Colleges
- **ABET** Accreditation Board for Engineering and Technology
- **AACSB** Association to Advance Collegiate Schools of Business
- **NASPAA** National Association of Schools of Public Affairs and Administration





NPS is relevance delivered.

- Four focused graduate schools
- Interdisciplinary research centers combine expertise from across campus
- Unique, relevant curricula



The Graduate School of Engineering and Applied Sciences develops leading-edge technological advancements with strict applications to DOD's needs.

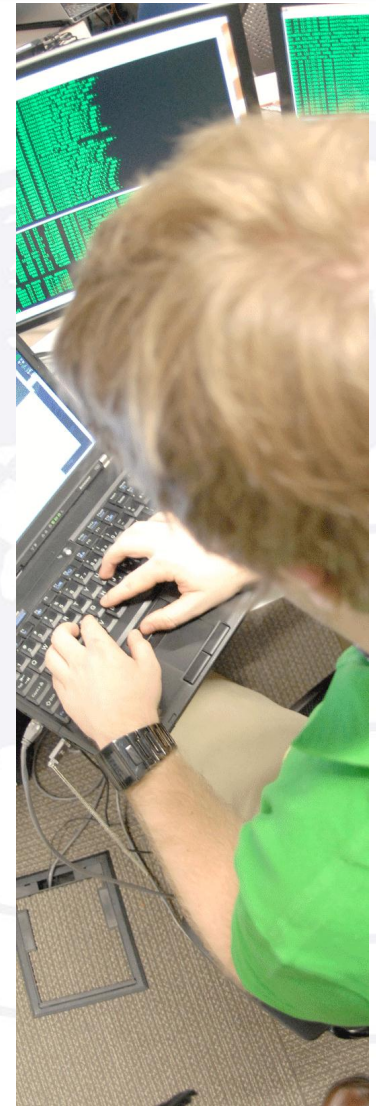
- Applied Mathematics
- Combat Systems Science and Technology
- Electronic Systems Engineering (resident and DL)
- Mechanical and Aerospace Engineering
- Mechanical Engineering for Nuclear Trained Officers (DL)
- Meteorology and Oceanography
- Meteorology
- Oceanography
- Operational Oceanography
- Reactors/Mechanical Engineering
- Space Systems Engineering
- Space Systems Operations (with GSOIS) (resident and DL)
- Systems Engineering (resident & DL)
- Systems Engineering Management (DL)
- Undersea Warfare (domestic and international)
- Underwater Acoustic Systems (DL)





The Graduate School of Operational and Information Sciences is the Navy's path to Information Dominance.

- Computer Science (Res & DL)
- Computer Technology (DL)
- Cost Estimating & Analysis (DL)
- Electronic Warfare Systems
- Human Systems Integration
- Identity Management and Cyber Security (Resident & DL)
- Information Sciences
- Information Systems & Operations
- Information Systems & Technology
- Information Warfare
- Joint C4I Systems
- Joint Information Operations
- Joint Operational Logistics
- Modeling, Virtual Environments, and Simulation
- Operations Analysis
- Remote Sensing
- Software Engineering (Resident & DL)
- Special Operations
- Systems Analysis (DL)





The Graduate School of Business and Public Policy provides unique education and research in the business of defense management.

Resident Programs

MBA Degrees

- Acquisition & Contract Management
- Defense Business Management
- Financial Management
- Information Systems Management
- Material Logistics Support

MSM Degrees

- Defense Systems Analysis
- Manpower Systems Analysis

Non-Resident Programs

- Contract Management (DL)
- Program Management (DL)
- Executive MBA (DL)

Professional Development Programs

- Advanced Acquisition Program
- Cost Management Certificate
- Practical Comptrollership
- Human Resources
- Conrad Scholar Program





The School of International Graduate Studies provides an education for today's global society.

- **Security Studies**
 - Civil-Military Relations
 - Stabilization and Reconstruction
 - Defense Decision Making and Planning
 - Combating Terrorism: Policy and Strategy
 - Homeland Defense and Security (Military and Civilian)
- **Regional Studies**
 - Middle East, South Asia and Sub-Saharan Africa
 - Europe and Eurasia
 - Far East, Pacific, Southeast Asia
 - Western Hemisphere





Resident Degree Students

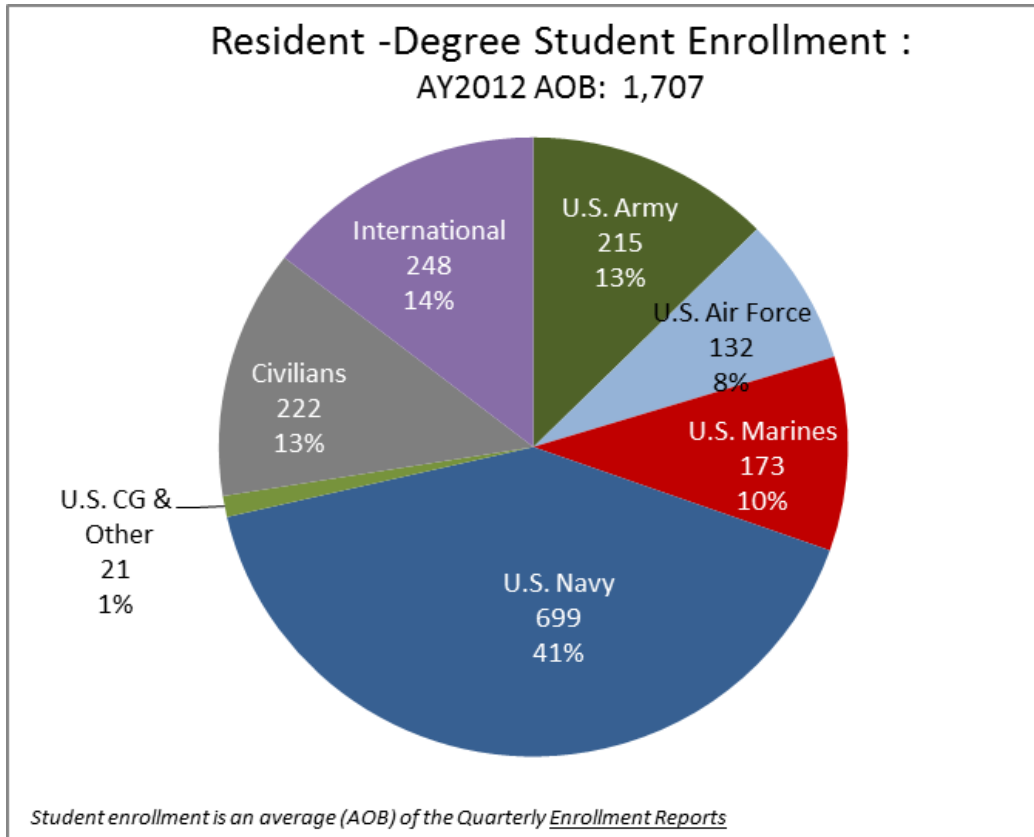
Average on Board
AY 2012

Total Resident: 1,707

72% U.S. uniformed services

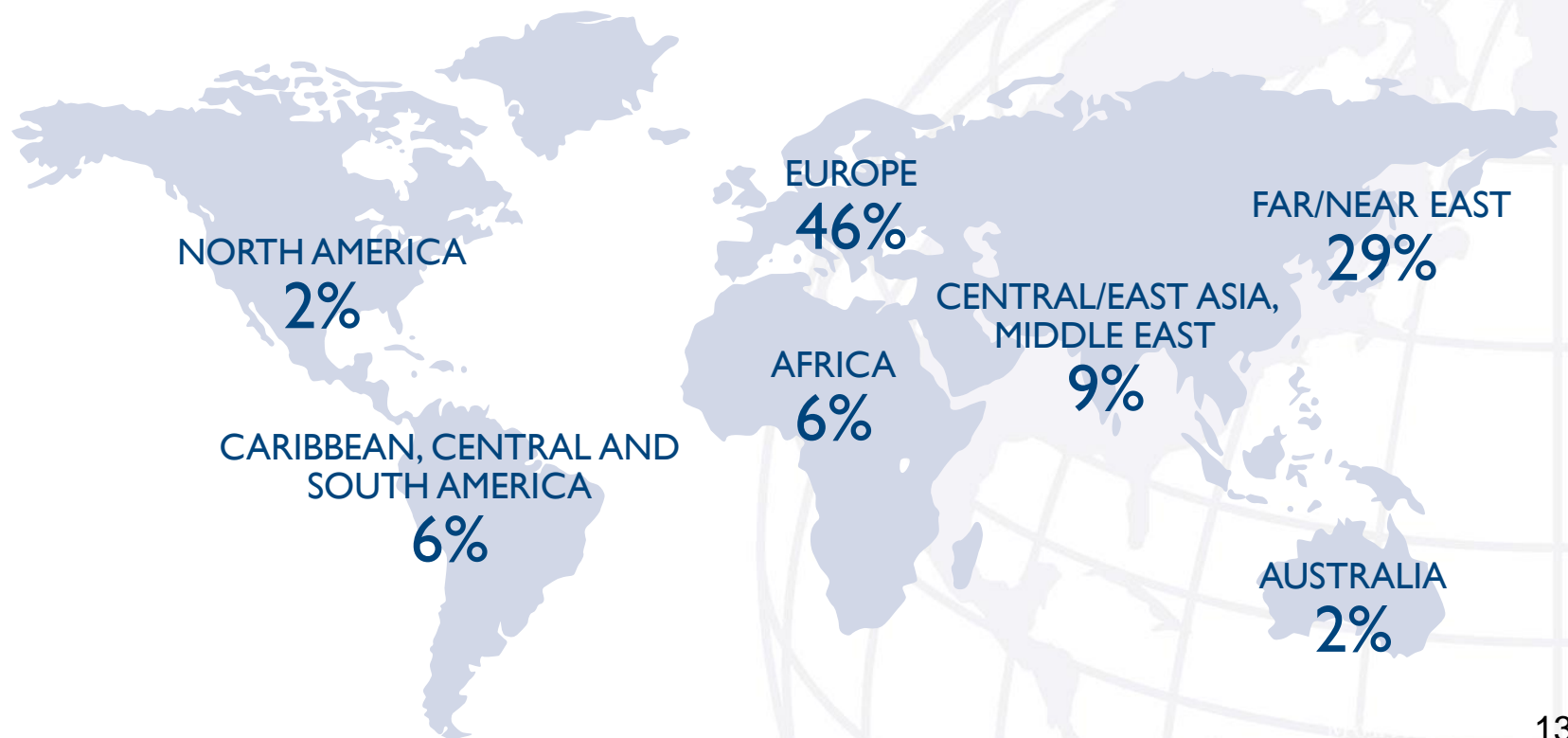
14% International

13% Government Civilian





International Resident Students by Region





The World comes to our door...

Caribbean, Central & South America

Argentina
Brazil
Chile
Colombia

Africa

Algeria
Cameroon
Egypt
Kenya
Nigeria
Seychelles
Tanzania
Tunisia
Uganda

Europe

Albania Moldova
Bulgaria Netherlands
Croatia Norway
Georgia Romania
Germany Slovakia
Greece Sweden
Hungary Turkey
Latvia Ukraine
Lithuania

North America

Canada
Mexico

Central/East Asia & Middle East

Israel
Jordan
Pakistan
Saudi Arabia
Yemen

Australia

Far/Near East

India
Japan
Korea
Malaysia
Maldives
Nepal
Philippines
Singapore
Sri Lanka
Taiwan
Thailand

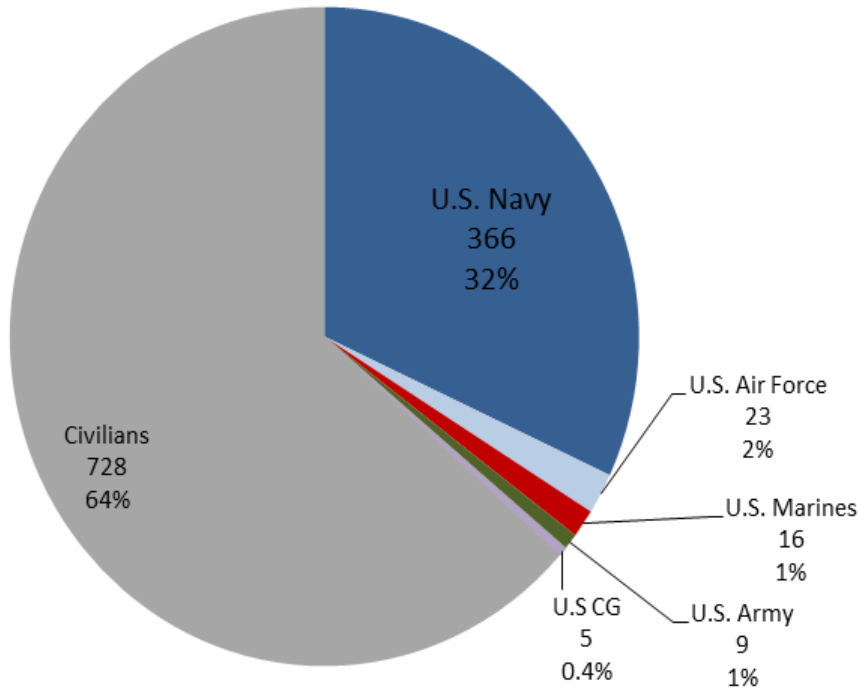
250 Students

49 Countries

(AY2012/QTR4)



DL - Degree Student Enrollment:
AY2012 AOB: 1147



Student enrollment is an average (AOB) of the Quarterly Enrollment Reports

Distance Degree Students

Average on Board
AY 2012

Total Distance: 1,147

64% Government Civilian

36% U.S. uniformed services
(32% U.S. Navy)



We bring the **best and brightest minds** to teach the next generation of leaders.

- Active recruiting from top Ph.D. programs
- A robust mix of tenured faculty, lecturers, visiting professors and others
- Includes 6% military personnel with strong academic credentials and recent operational expertise
- Integrates teaching with research
- No teaching assistants
- Develops technologies eligible for patents

Faculty Highlights

797 Civilian Faculty (AY2012/QTR 4)

270 Tenure or Tenure-Track (100% with Doctorates)

527 Non-Tenure-Track

45 Military Faculty

Top Sources of Faculty Graduate Degrees

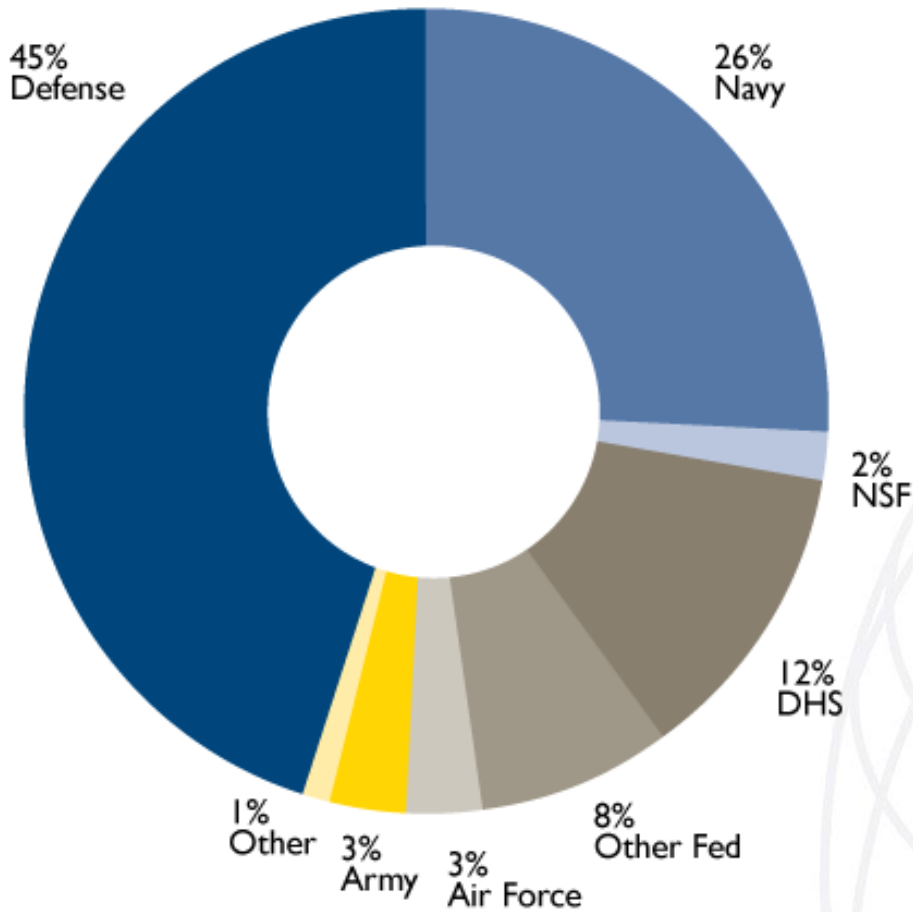
UC Berkeley	34
Stanford	30
MIT	26
Univ Southern California	21
UCLA	15

Top Universities

311 NPS faculty earned their highest degree from one of the top 50 universities

Research is an integral piece to the puzzle.

- Responds to DOD/DON/DHS needs
- \$185.3M+ in executed programs
- Rapid delivery from thought to fleet





At the cutting edge of cybersecurity research and education.

- Two-dimensional approach through research and dedicated curricula
- Developing dedicated Cyber battlelab
- Interdisciplinary core instruction, from Computer Science and Math to Defense Analysis and Operations Research





A national Center of Excellence in adaptive optics education and research.

- Three-Meter Segmented Mirror Telescope on campus
- Prototype reconnaissance satellite on site (model)
- Unique, experimental test-beds for dedicated faculty/student education and research
- Research to advance capabilities in optics, vibration control, etc.



Advancing unmanned systems, from technical to tactical.

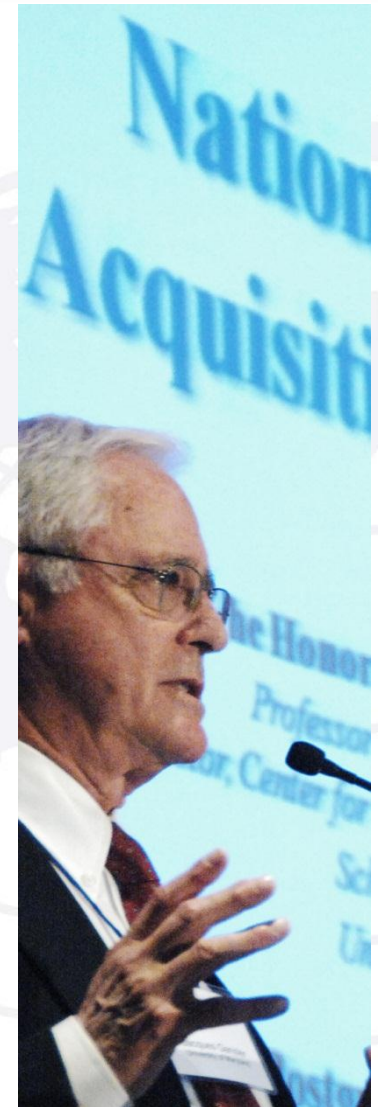
- CRUSER – Consortium for Robotics and Unmanned Systems Education and Research
 - SECNAV initiated / Chartered by Under Secretary Robert Work
 - A cross-disciplinary community of experts in research and education across ALL areas of robotics and autonomous systems
 - From technical to ethical, concept generation to experimentation.





Providing the premier forum for the **advancement of defense acquisitions.**

- 9th year leading the Acquisition Research Symposium
- Multidisciplinary approach to all facets of cost, supply, performance mgmt. and more
- Defining a body of scholarly knowledge in defense acquisition unparalleled in government or academia



Rapid deployment from field experimentation to fleet utilization.

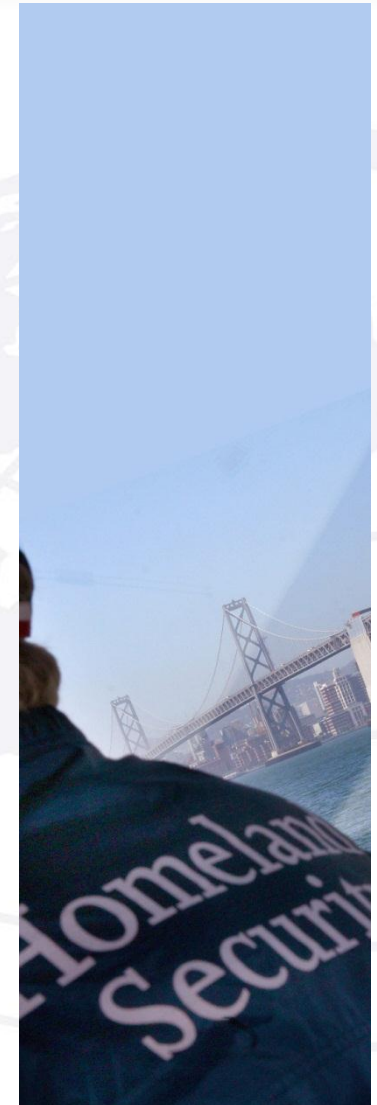
- Rapid technology integration from field to fleet and joint warfighter
- Diverse applications — including autonomous, remote systems and battlefield medical
- Multi-discipline, campus-wide efforts
- Multi-institutional partnerships — with hundreds of industry, academic and government organizations participating





Playing a lead role in the evolution of **securing** **our homeland.**

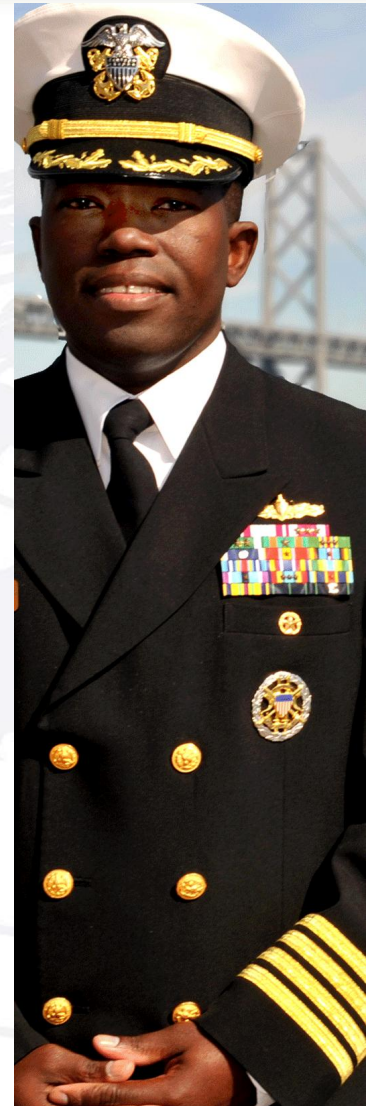
- Center for Homeland Defense and Security
 - The nation's first graduate degree in homeland security.
 - 439 graduates to date.
 - Students come from DHS, police, fire, EMS, military and several others at local, state, federal and tribal levels.
 - Mixed residence and web delivery, mobile education, executive leaders program, UAPI.
- Executive education seminars for 16 governors in 13 states and territories.





With over 50,000 graduates, NPS alumni range from **admirals** **to astronauts, service chiefs to** **chief executives.**

- Representing all U.S. military services, government agencies, defense industry leaders, and many more
- 5,463 officers from 110 countries (as of 12/2012)
- 16% of U.S. Navy active-duty Flag Officers
- About 28,300 resident and non-resident non-degree participants annually
- Alumni include:
 - Adm. Mike Mullen, USN, Former Chairman, Joint Chiefs of Staff
 - Gen. Michael Hagee, USMC, Former Commandant
 - Adm. Mark Ferguson, USN, Vice Chief of Naval Operations
 - Adm. William McRaven, USN, Commander, U.S. Special Operations Command
 - Gen. Keith Alexander, USA, Director, National Security Agency





NPS is a world-class, research university — a valued, strategic investment for the future of our nation.

- Education is the ultimate provider of transformative thought leaders
- Agile, unique programs focused on joint military applications like no other institution in the world
- Relevant research responds to the immediate and future needs of the national security enterprise
- Executive, distance and continuing education deliver programs regardless of when and where
- Building international capacity, developing coalitions with partners across the globe



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1 University Circle • Monterey, Calif. 93943

(831) 656-1068 • pao@nps.edu • www.nps.edu

