An Introduction to the NAVAL POSTGRADUATE SCHOOL
The Naval Postgraduate School mission: **educating students**

**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 the Navy and Department of Defense (DOD) while building the intellectual capital of NPS faculty.”
NPS fulfills the **graduate education needs** of the Department of the Navy, DOD, and U.S. Government.

- In-residence and Distance Learning (DL)
- Master’s, Ph.D., Engineer, MBA, EMBA, more
  - Biennial program reviews by flag-level sponsors
- Subspecialty and professional education
- Professional certifications
- Joint Professional Military Education
- Civilian Instruction (CIVINS)
NPS provides **graduate-level research opportunities**, 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’ location creates advantages and synergies for a dynamic learning and research environment.

- **Area academic/research institutions** (Stanford University, UC Berkeley, UCSC, SJSU, Fleet Numerical Meteorology and Oceanography, Naval Research Laboratory, Defense Language Institute)
- **Open ocean ranges** (Monterey Bay) and full access to restricted airspace (Camp Roberts)
- **Silicon Valley**’s powerful technological epicenter
NPS has a long, rich history in the pursuit of innovative education in support of 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 Warfighting curricula (anti-submarine warfare)
1996 – Information Warfare curriculum
1999 – Joint Professional Military Education campus
2003 – Homeland Security curriculum
2004 – Information Operations curriculum
2011 – Cyber Systems and Operations curriculum
2012 – Energy Specializations
NPS programs are intricately reviewed by regional and national accrediting bodies, and fleet sponsors.

**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.

- Student focused
- Four dynamic graduate schools
- Interdisciplinary academic groups combine expertise from across campus
- Unique, relevant curricula
The **Graduate School of Engineering and Applied Sciences (GSEAS)** develops leading-edge technological advancements focused on 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
- Oceanography
- Reactors/Mechanical Engineering
- Space Systems Engineering
- Space Systems Operations (resident and DL)
- Systems Engineering (resident & DL)
- Systems Engineering Management (DL)
- Undersea Warfare
- Underwater Acoustic Systems (DL)
The Graduate School of Operational and Information Sciences (GSOIS) meets warfighter requirements, today and tomorrow.

- Computer Science (Res & DL)
- Computer Technology (DL)
- Cost Estimating & Analysis (DL)
- Cyber Systems and Operations
- Electronic Warfare Systems
- Human Systems Integration
- Identity Management and Cyber Security (Resident & DL)
- Information Sciences
- Information Systems and Operations
- Information Systems and 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 (GSBPP)** provides unique education and research in the business of defense management.

### Resident Programs

**MBA Degrees**
- Acquisition and 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
- Program Management
- Executive MBA

### Professional Development Programs

- Advanced Acquisition Program
- Cost Management Certificate
- Practical Comptrollership
- Human Resources
- Conrad Scholar Program
The School of International Graduate Studies (SIGS) provides an education for today’s global challenges.

Security Studies
- Strategy/Strategic Studies
- Civil-Military Relations
- Stabilization and Reconstruction
- 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 2014

Total Resident: 1,616

74% U.S. uniformed services

14% International

12% Government Civilian

Resident Degree Student Enrollment
AY2014 • Average on Board 1616

- NAVY 41%
- AMRY 14%
- MARINES 13%
- USCG & OTHER 1%
- CIVILIANS 12%
- INTERNATIONAL 14%
- AIR FORCE 5%
International Resident Students by Region

- North America: 4%
- South America: 15%
- Europe: 32%
- Africa: 11%
- Central/East Asia, Middle East: 13%
- Far/Near East: 23%
- Australia: 2%
The world comes to our door...

<table>
<thead>
<tr>
<th>222 Students</th>
<th>53 Countries</th>
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<tbody>
<tr>
<td>North America</td>
<td>Central/East Asia and Middle East</td>
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<td>Australia Far/Near East</td>
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<td>Europe Carribean, Central and South America</td>
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<td>Africa</td>
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**North America**
- Canada
- Mexico

**Central/East Asia and Middle East**
- Bahrain
- Israel
- Jordan
- Lebanon
- Pakistan
- Saudi Arabia
- Yemen

**Europe**
- Albania
- Bulgaria
- Denmark
- Estonia
- Georgia
- Germany
- Greece
- Hungary
- Moldova
- Netherlands
- Norway
- Portugal
- Romania
- Sweden
- Switzerland
- Turkey
- Ukraine

**Caribbean, Central and South America**
- Argentina
- Belize
- Brazil
- Chile
- Colombia
- El Salvador
- Paraguay
- Peru

**Africa**
- Egypt
- Mauritius
- Nigeria
- Tanzania
- Tunisia
- Uganda

**Australia Far/Near East**
- Indonesia
- Japan
- Kazakhstan
- Korea
- Malaysia
- Maldives
- Mongolia
- Nepal
- Philippines
- Singapore
- Taiwan
- Thailand

AY2014 AOB
Distance Learning (DL) Degree Students

Average on Board AY 2014

Total DL Students: 977

62% Government Civilian

38% U.S. Uniformed Services

(34% 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, others
- Includes 7% military personnel with strong academic credentials and recent operational expertise
- Integrates teaching with research
- No teaching assistants
- Develops technologies eligible for patents

**FACULTY HIGHLIGHTS**

**684 CIVILIAN FACULTY**
- 237 tenure or tenure-track (100% with doctorates)
- 447 non tenure-track

**52 MILITARY FACULTY**

**Top Sources of Faculty Graduate Degrees**
- UC Berkeley 25
- Stanford 22
- MIT 20
- USC 18
- UCLA 13

**Academic Leaders**
- 246 NPS faculty earned their highest degree from one of the nation’s top 50 universities.

(AY2015/QTR 1)
Students bring real-world experience to explore complex national security issues, and find solutions.

- Working shoulder to shoulder with world-class faculty creates a two-way learning environment
- The perfect balance of academics and research enhances the graduate educational experience
- Relevant education for today’s warfighter
At the cutting edge of cybersecurity research and education.

- Multi-dimensional approach through research and dedicated curricula
- SCIF and dedicated Cyber Battle Lab
- Interdisciplinary core instruction from across campus
- Degree programs for officers and senior enlisted cyber warriors
Leading the cultural change necessary to achieve energy independence.

- Four specialized degree programs focused on energy science, technology, policy
- Active, student-driven research in all aspects of energy, focused on warfighting first
- Dedicated Energy Academic Group
- Senior leader continuing education programs, campus lecture series, more
Advancing unmanned systems, from technical to tactical.

Consortium for Robotics and Unmanned Systems Education and Research (CRUSER)

- SECNAV initiated / Chartered by former Under Secretary Robert O. Work
- A cross-disciplinary community of experts in education and research across ALL areas of robotics and autonomous systems
- From technical to ethical, concept generation to experimentation
An intellectual and experimental hub for the **advancement of defense acquisition**.

- Multidisciplinary approach to all facets of cost, supply, performance mgmt. and more
- Led the creation of a body of scholarly knowledge in defense acquisition unparalleled in government or academia
- Consistent engagement from the Pentagon and fleet provides a continuous stream of relevant topics for research
Rapid deployment from field experimentation to fleet utilization.

- Rapid technology integration from field to fleet and joint warfighter
- Diverse applications — broad DOD impact, homeland security integration, civil crossover
- Multi-disciplinary, campus-wide efforts
- Multi-institutional partnerships — expanding list of military, homeland security, industry and academic organizations participating
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-bed for dedicated faculty/student education and research
- Research to advance capabilities in optics, vibration control, and operability
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
- 450+ graduates to date
- Students come from Dept. Homeland Security, police, fire, EMS, military and several others at local, state, federal and tribal levels
- Hybrid in-residence and web delivery, mobile education, executive leaders program, self-study
- Executive education seminars for 16 governors in 13 states and territories
With over 50,000 graduates, 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
- More than 5,500 int’l officers from 100+ countries
- 35% of all U.S. Navy active-duty Flag Officers
- About 28,300 resident and non-resident, non-degree participants annually
- Notable alumni include:
  - Adm. Mark Ferguson, USN, Commander U.S. Naval Forces Europe-Africa
  - Adm. William McRaven, USN, Former Commander, U.S. Special Operations Command
  - Gen. Keith Alexander, USA, Former Director, National Security Agency
  - Adm. Mike Mullen, USN, Former Chairman, Joint Chiefs of Staff
  - Gen. Michael Hagee, USMC, Former Commandant
NPS is a world-class institution—a valued, strategic investment for the future of our nation.

- Education is the ultimate provider of transformative thought leaders
- Agile, unique programs focus 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 defense cooperation with partners across the globe