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2010-11-02

Innovation in Action
Collaborate-Educate-Create-Apply (presentation)

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<http://hdl.handle.net/10945/34380>

NA

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NAVAL
POSTGRADUATE
SCHOOL

Innovation in Action

Collaborate-Educate-Create-Apply

Wendy Walsh

Homeland Defense & Security Coordinator

2NOV2010

Monterey, California

WWW.NPS.EDU



- **Graduate University**
Responsive to joint, interagency, and coalition requirements
- **Research Institution**
Pursuing innovative technology and improving national security
- **Community of Alumni**
Leading and defending the Nation and transforming the Department of Defense (DoD)

History Highlights

- 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 (e.g., Anti-Submarine Warfare)
- 1996** Information Warfare Curriculum
- 1999** Joint Professional Military Education (JPME) campus
- 2003** Homeland Security Curriculum
- 2004** Information Operations



• Integrated • Systems-Oriented • Flexible • Partnered for Strength

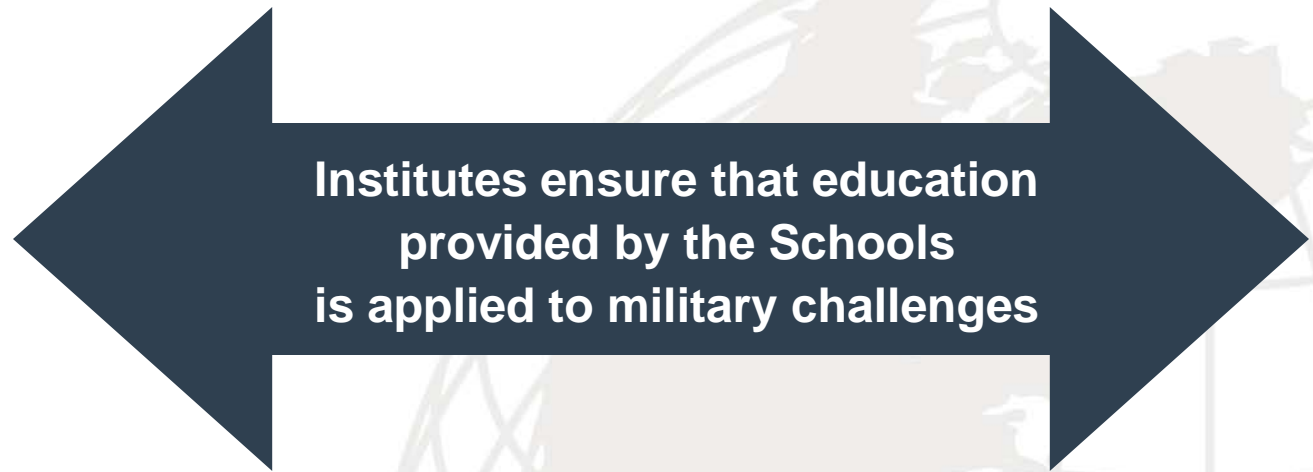
4 Institutes

The Cebrowski Institute for
Information Innovation and
Superiority

The MOVES Institute
Modeling, Virtual
Environments, and
Simulation

The Meyer Institute
National Security Systems
and Technology

National Security Institute
Partnership developed for
National Security research
and education



4 Schools

Graduate School
of Engineering and
Applied Science

Graduate School
of Operational and
Information Sciences

Graduate School
of Business and
Public Policy

School of
International
Graduate Studies

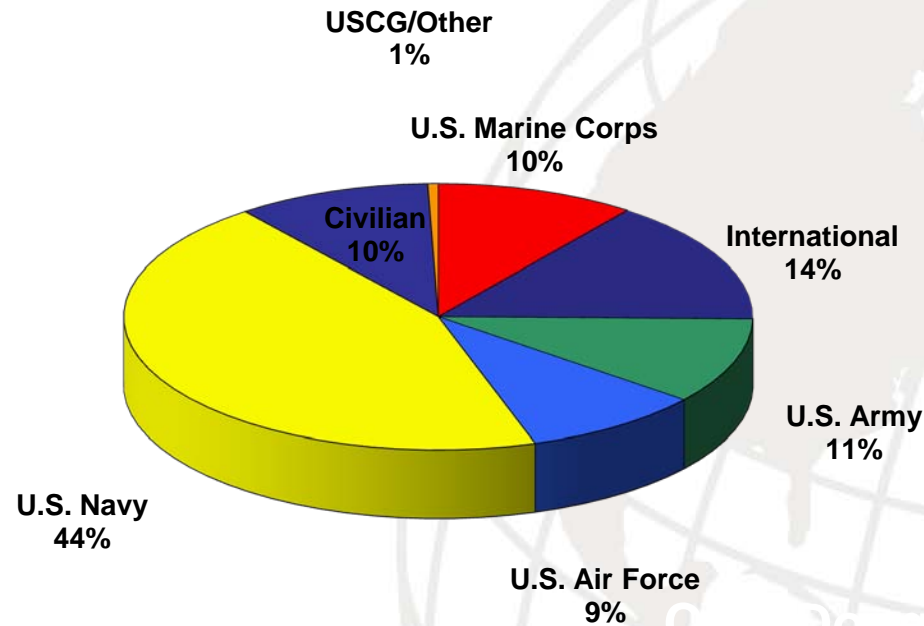


Resident Degree Program Enrollment (Winter(2nd Quarter) 2010)

Total Resident: 1,488

U.S. 85% - All Military Services and Other Government Agencies

International 15% - 223 Residents from 44 countries





- The Center for Homeland Defense & Security
- The National Security Institute
- Maritime Defense & Security Research Program
 - Information Sharing
 - SPSS/ Seaweb
 - Piracy
 - Infrastructure Protection
 - Unmanned Systems
 - War gaming
- Various Research and Field Experimentation
 - Example- Maritime Interdiction & Interoperability
- Collaborative Curriculum Development
 - Example- Maritime Security Certificate Course



USCG Thesis Topics: (118 total)

Covering: MDA, Situational Awareness, Manpower, Acquisition, Terrorism, Interoperability, Measures, Stall analysis, Vibration, Service Orientated Architecture, Modeling, Resiliency, Recruitment, Intelligence, Innovation, Katrina Response, Public Affairs...



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- Does collaboration contribute to innovation?
- Is there a better way to share efforts?
- How can we incentivize collaboration?