



NAVAL  
POSTGRADUATE  
SCHOOL

CENTER FOR HOMELAND DEFENSE AND SECURITY

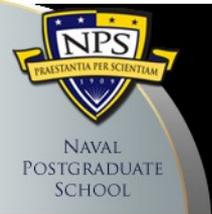
THE NATION'S HOMELAND SECURITY EDUCATOR

# HOMELAND DEFENSE AND SECURITY



## GRADUATE EDUCATION

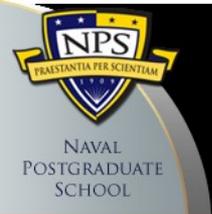




# HS Background

- HS was non-existent as a discipline before 2001
- A 2001 government study identified gaps in education that prepares officials to undertake new HS roles and responsibilities
- HS will continue to evolve in the coming decades



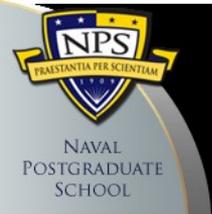


# CHDS Purpose

CHDS established in 2002 to:

- Provide a **neutral educational forum** for leaders to come together in an intergovernmental multi-disciplinary group to discuss and debate HS
- Develop programs that are heavily evaluated to ensure local, state, tribal and federal **leaders drive educational offerings and evolution of content**
- Create “**multiplier effect**” to maximize federal **investment** – share program content, research and resources to **build national preparedness through education**





# CHDS Primary Sponsors

CENTER FOR HOMELAND DEFENSE AND SECURITY • THE NATION'S HOMELAND SECURITY EDUCATOR

U.S. Department of Homeland Security

U.S. Navy (N3/N5)

U.S. Northern Command

Federal Bureau of Investigation

Army National Guard

Others





# CHDS Programs

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## Core Programs

Master's Degree Program

Executive Leaders Program

Executive Education Seminars

- State/Governor METs
- Urban Areas METs
- Topic specific seminars

## Multiplier Effect Programs

Fusion Centers Leaders' Program

University & Agency Partnerships

HS Digital Library

*Homeland Security Affairs* Journal

Alumni Association "Think Tank"

Distinguished Graduate Fellowship

Self-Study Courses

Applied Research

Publications





# Educational Focus

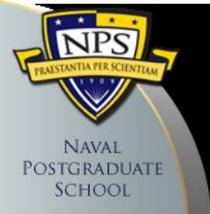
CENTER FOR HOMELAND DEFENSE AND SECURITY

THE NATION'S HOMELAND SECURITY EDUCATOR

Prepare Local, State, Tribal and Federal Homeland Defense and Security leaders to:

- Develop **policies, strategies** and programs to prevent terrorist attacks within the U.S. and build HS preparedness
- Develop **organizational arrangements** needed to strengthen Homeland Defense and Security, including civil-military, local, state, tribal and federal and interagency cooperation
- Help Mayors, Governors, Federal Agencies and other student sponsors gain immediate (and longer-term) benefits for preparedness, by focusing **student research on actual policy challenges**





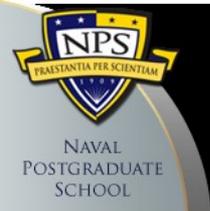
# Master's Degree Program

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- Students are local, state, tribal and federal leaders from all HS disciplines
- Integration of leaders in classroom mirrors HS across nation; breaks down stovepipes
- 150 students enrolled; 5 simultaneous cohorts (3 in Monterey, CA and 2 in the National Capital Region)
- Students in-residence two weeks each Academic Quarter during 18-month program (total of 12 weeks)
- Remainder of coursework completed via cutting edge distance learning





# Master's Degree Curriculum

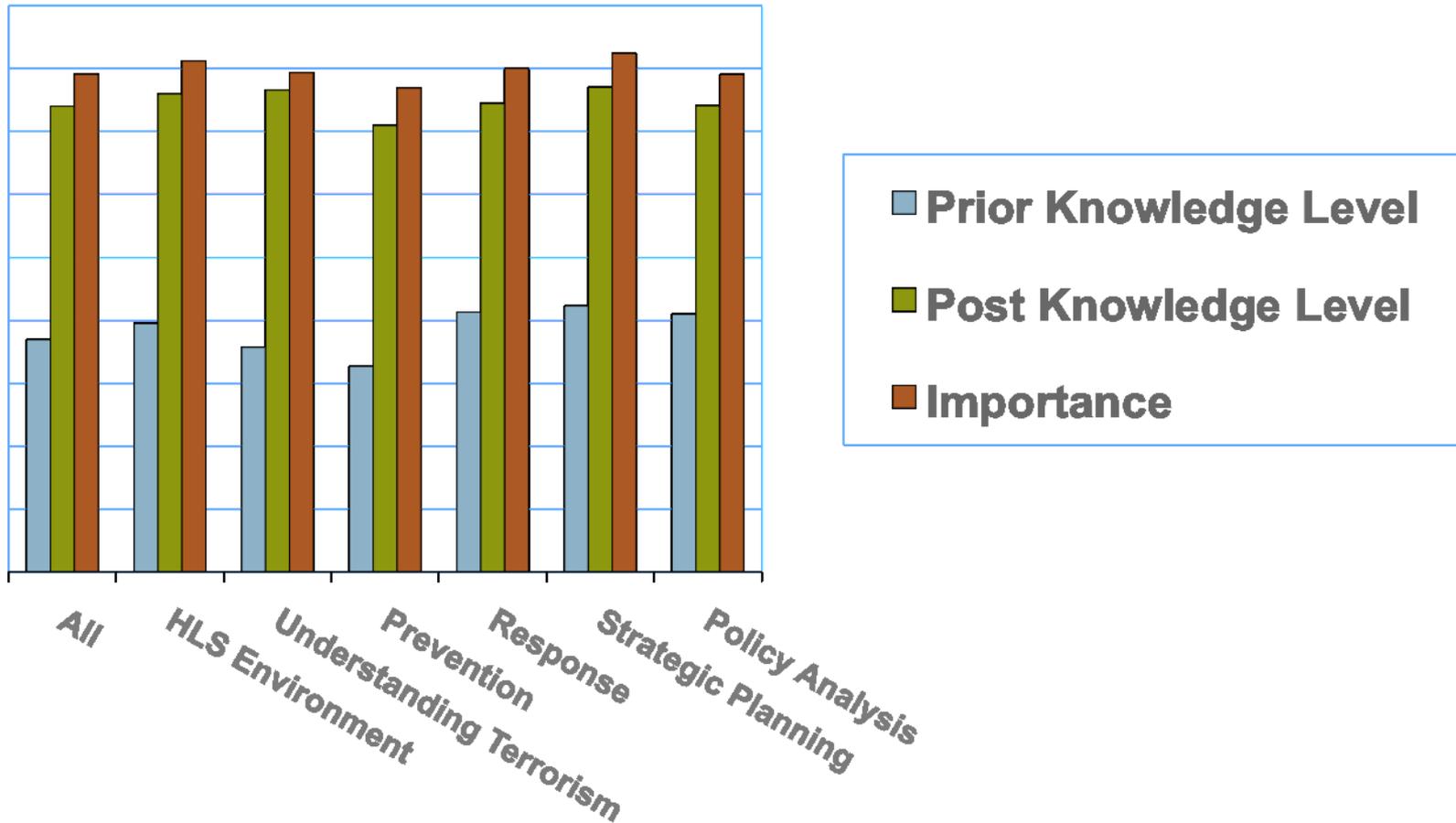
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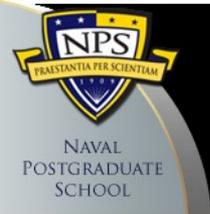
- Introduction to Homeland Security
- Unconventional Threats
- Critical Infrastructure – Vulnerability Analysis and Protection
- Risk Communication – Psychology of Terrorism and Fear Management (Stanford)
- Intelligence for HD/S: Organizational and Policy Challenges
- Homeland Defense and Security: An Interdisciplinary Approach (Public Health, Law Enforcement, etc)
- Technology Management for HD/S
- Special Topics in HS (WMD, Agro-terrorism, Financing of Terrorism, Public Health, Borders and Immigration, etc)
- Strategic Planning and Budgeting for HD/S
- Policy Analysis and Research Methods
- Comparative Government: HS Policy Implications for the U.S.
- Knowledge into Practice: A Homeland Security Capstone Course



# Retrospective Assessment of Curriculum Elements – Knowledge Gained Cohort 11



■ Prior Knowledge Level  
 ■ Post Knowledge Level  
 ■ Importance



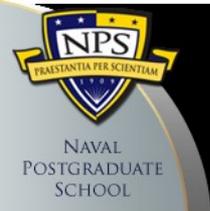
# Master's Degree Student Research

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- Research papers and theses on actual policy development issues confronting local, state, tribal and federal government; many theses are being implemented around the country and are cited as “best practices”
- MA thesis provides student Sponsors with a “twofer”
- Low-cost, high quality research completed on priority Sponsor topics (many graduates implement their thesis)
- Creates national Subject Matter Experts





# Research Impact

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**“Radio Interoperability: Addressing the Real Reasons We Don't Communicate Well During Emergencies,”** (*Ronald Timmons*)

**“Homeland Security and Capabilities-Based Planning: Improving National Preparedness,”** the Netherlands is adopting approach and asked author to visit and advise them (*Sharon Caudle*)

**“Interagency Collaboration Challenges Among Homeland Security Disciplines in Urban Areas,”** (*Jay Hagen*)

**“Enhancing Homeland Security Efforts by Building Stronger Relationships between the Muslim Community and Local Law Enforcement,”** St. Paul, MN granted \$250,000 to implement policy (*Dennis Jensen*)

**“A Case Study of Intelligence Infrastructure Created by Executive Order,”** led to Cabinet/Gov-level reorganization in state of Utah; creation of Utah Criminal Intelligence Center (*Bob Flowers*)

**“U.S. Coast Guard Reorganization: Why Merging the Field Units is Not Enough to Remain Semper Paratus (Always Ready),”** assisted creation of USCG Field Intelligence Support Teams (*Larry Green*)

**“Implementing Maritime Domain Awareness,”** implemented as MDA Policy in USN and USCG; used as basis of National Maritime Security Strategy (*Robert Watts*)





Simulation Environment

## **Dystopia: Where Bad Things Happen**

Dystopia is a rich, detailed, fictional world developed for the purpose of supporting exercises and training simulations for Homeland Defense and Security.



Software

## **Critical Infrastructure Protection Simulation Software**

Simulation software that incorporates network theory and optimization theory to help analyze and understand how infrastructure sectors evolve, where they are vulnerable, and how they can best be protected.



Video

## **Viewpoints in Homeland Defense and Security**

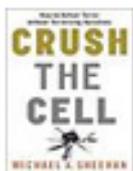
In 5-10 minute video podcasts, homeland security leaders give their opinions on current issues and challenges.



Video

## **Faces of Homeland Security**

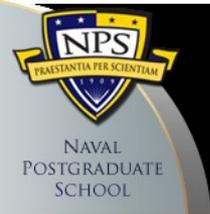
In this video, produced by CHDS, Homeland Security professionals and practitioners explain what 'homeland security' means to them, their work, and the nation at large.



Book List

## **Homeland Security Book List**

Books recently assigned by the CHDS Faculty as part of the Master's degree and Executive Leaders [curricula](#).



# Self-Study Courses

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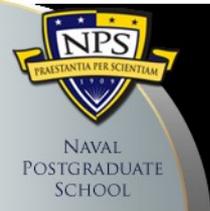
## Online, non-credit versions of MA courses

- Enhance understanding of key concepts
- Offer flexibility of self-paced instruction
- Provide education on HD/S Strategy, Policy and Planning to thousands of HD/S professionals

## Current Courses

- Critical Infrastructure: Vulnerability Analysis and Protection
- Technology for Homeland Security: Inspection and Detection Technologies
- The Global Jihadi Threat
- Homeland Security in Israel
- Research Process and Methods





# Executive Education (METS)

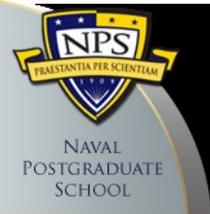
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Half-day, graduate-level seminars for governors, mayors and senior staff

- Provides **neutral educational forum to discuss and debate** HS challenges
- National Reach - more than 150 sessions - spanning country from Pacific territories to Puerto Rico
  - State METs for Governors and their Cabinets
  - Urban Area METs
  - Topical Seminars
- More than 3,000 elected and senior leaders have participated
- Seminars clarify new state and local roles and non-traditional responsibilities
- Assists senior officials to recognize specialized requirements of prevention, protection, and response and recovery to catastrophic events, and to discuss related policies, strategies and organizational structures





# Executive Leaders Program

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Four one-week seminars over nine months for most senior level officials

- Combines MA & MET curriculum on topics around four mission areas of preparedness: Prevention, Protection, Response, Recovery
- Provides an educational forum to enhance senior leaders' capacity to identify and resolve HS problems
- Participants acquire a deeper understanding of current and emerging HS issues, public policy debates, and terrorist threats as well as evolving smart practices
- Broadens leaders' perspectives with a vision for addressing HS in innovative ways and **strengthening working relationships** across regions, agencies, and jurisdictional lines
- Two cohorts per year; DHS leaders participate as part of DHS University System



## ***“Securing the Homeland through the Power of Information”***



Mission – Nation’s premier repository of HS policy related documents

- Organized to support HS local, state, tribal and federal official decision-making and analysis
- Structured to assist scholars and academics in graduate level HS research

Multi-discipline holdings (continuously updated):

- All critical policy documents related to HD/S, including Presidential Directives, National Strategies and DHS policies

Users nationwide – 20,000 visits per month

- Federal, State, Local and Tribal agencies (NYPD, etc.)
- DHS Centers of Excellence and 400 academic institutions –Stanford, UConn, Yale, NYU, NDU, Boston U., Texas A&M
- Executive Office of the President, Congressional staff, CRS and GAO

Academic, **On-line journal** ([www.hsaj.org](http://www.hsaj.org))  
published quarterly

**Peer-reviewed** journal providing a forum to  
propose and debate strategies, policies  
and organizational arrangements to  
strengthen HS

Nationally-read and disseminated articles  
(7,700 visitors/month), written by CHDS  
alumni, students, faculty and subject  
matter experts and scholars across the  
country

## HOMELAND SECURITY AFFAIRS

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### Notes from the Editor

Exercise Evaluation Guides for Public Health Emergency Preparedness

- Christine C. Bradshaw and Thomas A. Bartenfeld

Emergency Response, Public Health and Poison Control: Logical Linkages for Successful Risk Communication and Improved Disaster and Mass Incident Response

- Valerie A. Yeager



### Articles

Inaccurate Prediction of Nuclear Weapons Effects and Possible Adverse Influences on Nuclear Terrorism Preparedness

- Robert C. Harney

Beyond the Plan: Individual Responder and Family Preparedness in the Resilient Organization

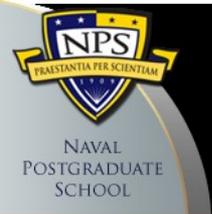
- Mark Landahl and Cynthia Cox

Do Terrorists Win Elections?

- John A. Tures

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# University & Agency Partnership Initiative

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**The University and Agency Partnership Initiative, or UAPI, brings together institutions nationwide dedicated to advancing homeland security education. This effort seeks to increase the number and diversity of students receiving homeland security education, accelerate the establishment of high-quality academic programs, and provide opportunities for collaboration that create an intellectual multiplier effect that furthers the study of homeland security.**





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# HOMELAND DEFENSE AND SECURITY



## GRADUATE EDUCATION

