Where Science Meets the Art of Warfare
MISSION

Provide defense-focused graduate education, including classified studies and interdisciplinary research, to advance the operational effectiveness, technological leadership and warfighting advantage of the Naval service.

FOR DECISIVE ADVANTAGE

RESPONSIVE | INTERDISCIPLINARY | APPLIED | INNOVATIVE | CLASSIFIED | SECURE
Who we are

We are who we serve:

NPS is a Naval command with a defense graduate university mission. We are defense educators, subject matter experts and staff serving those who serve our nation.

What we do

Defense education & research:

NPS develops warrior talent and research solutions through Master’s and Ph.D. programs for the Department of the Navy, DoD, U.S. Government, partners and our allies.

Why it matters

For decisive advantage:

NPS ensures the technological leadership of the future force. Our graduates have the technical and intellectual edge to deter and prevail in the all-domain battlespace.
Where science meets the art of warfare...

Transforming leaders who will transform warfighting:
Electrical engineering alumnus Marine Corps Maj. Michael Wade studied high-electron mobility transistors for his thesis and directly applied his research to USMC radar systems, including the counter UAS, Light Marine Air Defense Integrated System (LMADIS).

Relevant research delivers solutions:
LCDR Austin West was selected for the “Rear Admiral William S. Parsons Award for Scientific and Technical Progress” for his thesis research on compensating for air turbulence on the High Energy Laser Weapon System (HELWS), delivering tactical decision aids and fire control guidance.

Industry partnerships bring emerging technology to the Navy:
Xerox chose NPS to install its first liquid metal 3D printer, the ElemX, to collaborate on shipboard use cases through student-faculty research. The NPS-Xerox team and CNSP installed the second ElemX on LHA-6 USS Essex in support of RIMPAC ‘22.
The Naval Postgraduate School will become the nation’s leading institution for defense higher education and applied research, delivering transformative solutions and innovative leaders for decisive U.S. seapower and national defense.

“the world is entering a new age of warfare, one in which the integration of technology, concepts, partners, and systems — more than fleet size alone — will determine victory in conflict.”

CNO NAVPLAN 2022

Our Strategic Framework

**EDUCATION**
Extend reach and increase the focus of defense-unique and naval-relevant education

**RESEARCH**
Increase the impact of applied research that is fully informed and directly contributes to warfighting solutions

**INNOVATION**
Lead naval innovation via a collaborative ecosystem connecting warrior-scholars with academia and industry

**INSTITUTION**
Enabled by a learning organization with a shared mission-focused culture developing defense leaders in modern and technologically relevant facilities.
OUR COMPARATIVE ADVANTAGE

WARFIGHTER DEVELOPMENT
Critical and strategic thinkers able to problem-solve, adapt, innovate, and lead

- Naval Engineering
- Combat Systems
- Cyber and Information Systems
- Data Science and Decisions
- Global Security and Strategic Competition
- Defense Systems Management
- Space Technology and Operations
- Maritime Battlespace Environments
- Modeling, Simulation, and Visualization

WARFIGHTING DEVELOPMENT
Classified and applied research and innovative solutions

- C-C5ISR&T
- Long Range Fires
- Terminal Defense
- Contested Logistics
- Maritime Domain Awareness
- Artificial Intelligence
- Intelligent Autonomous Systems
- Naval Operational Architecture
- Modeling & Simulation GEMS/LVC
- Climate Action

Rapid Prototyping and Field Experimentation

Minimum Viable Solutions

The Department of the Navy is driving innovation across every corner of the enterprise.

"The best way to deter our adversaries is for the department to restore its technological superiority. Education is the key connector for this work. Our educational institutions hold great promise and opportunity."
— Secretary of the Navy Carlos Del Toro

RESPONSIVE | INTERDISCIPLINARY | APPLIED | INNOVATIVE | CLASSIFIED | SECURE
**Education:** Nine responsive Academic Programs Areas meet relevant warfighting knowledge, skills and competency requirements.

- Combat Systems
- Cyber and Information Systems
- Data Science and Decisions
- Defense Systems Management
- Global Security and Strategic Competition
- Maritime Battlespace Environments
- Modeling, Visualization & Simulation
- Naval Engineering
- Space Technology and Operations
Research: increases net warfighting advantage through impactful foundational and applied research that directly contributes to warfighting solutions.
“I am also directing the creation of a Naval Innovation Center at the Naval Postgraduate School in Monterey, California – right in the heart of our nation’s leading technology corridor.

This will serve as a premier military education facility tailored to innovation and experimentation, serving as a technology resource for Navy and Marine Corps warfighting development commands, as well as a go-to partner of the defense industrial base, the technology sector, and academia...”

Secretary of the Navy, Carlos Del Toro
International partners

- Partners and allies study alongside fosters coalitions

<table>
<thead>
<tr>
<th>Degree Students</th>
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<tbody>
<tr>
<td>Africa</td>
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<tr>
<td>Asia</td>
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<tr>
<td>South America</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>169</strong></td>
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Global Perspective And Impact

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[Map showing distribution of students across different continents.]

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[Images of people from different cultural backgrounds.]
The NPS difference

Only NPS synchronizes student operational experience and graduate education with applied research and faculty expertise, to deliver warfighting solutions and leaders educated to employ them.

- NPS is **Responsive** to operational needs through tailored education and research.
- NPS complements the Naval research community through **Interdisciplinary** education and **Applied** research producing **Innovative** solutions to relevant problems.
- NPS offers **Classified** coursework and research in controlled laboratories on our **Secure** campus.
Immediate Impact
Future Advantage
Enduring Leadership