Faculty and student research at the Naval Postgraduate School increases combat effectiveness and operational efficiency of the Navy.

- NPS research directly supports the Navy by solving technical, strategic, tactical, logistical, managerial, acquisition and personnel problems.
- NPS research indirectly supports the Navy as graduates take new knowledge and skills back to their community and apply them to real-world problems.
- NPS research indirectly supports the Navy through faculty availability for consultation and faculty participation in Navy study groups.

RESEARCH IS CONDUCTED IN EVERY ACADEMIC DEPARTMENT, SCHOOL, AND INSTITUTE AT NPS

- **SCHOOL OF INTERNATIONAL GRADUATE STUDIES**
  - Center for Civil–Military Relations
  - National Security Affairs
  - Defense Resource Management Institute

- **GRADUATE SCHOOL OF BUSINESS AND PUBLIC POLICY**

- **GRADUATE SCHOOL OF ENGINEERING AND APPLIED SCIENCES**
  - Applied Mathematics
  - Oceanography
  - Electrical and Computer Engineering
  - Physics
  - Mechanical and Astronautical Engineering
  - Space Systems
  - Meteorology
  - Systems Engineering

- **GRADUATE SCHOOL OF OPERATIONAL AND INFORMATION SCIENCES**
  - Computer Science
  - Operations Research
  - Information Sciences
  - Defense Analysis

- **CEBROWSKI INSTITUTE FOR INFORMATION INNOVATION AND SUPERIORITY**
- **GLOBAL PUBLIC POLICY ACADEMIC GROUP**
- **MOVES INSTITUTE (Modeling, Virtual Environments, and Simulation)**
- **NATIONAL SECURITY INSTITUTE**
- **WAYNE E. MEYER INSTITUTE OF SYSTEMS ENGINEERING**

INTEGRATED EDUCATIONAL AND RESEARCH PROGRAMS

- Space Systems
- Total Ship Systems Engineering
- Combat Systems
- Systems Engineering
- Acquisition

INTEGRATED INTERDISCIPLINARY STUDENT PROJECTS

- ASW Littoral in 2025
- Joint Fires 2020
- Systems Analysis, Alternative Architectures for Riverine Warfare, 2010
- Maritime Security

NPS RESEARCH SUPPORTS THE NAVY

NPS RESEARCH SUPPORTS NAVAL STRATEGIC INITIATIVES

- **SEASTRIKE**
  - Railgun Technology
  - Free-Electron Laser
  - Undersea Warfare Technology
  - IR/RF Propagation at Air/Sea Boundary

- **SEASHIELD**
  - Ship Shock and Vibration Analysis
  - Threat Missile Simulator Validation
  - Ballistic Missile Defense

- **SEABASING**
  - Littoral Zone Oceanography for Mine Warfare
  - Boundary Layer Processes and the Surf Zone

- **SEA ENTERPRISE**
  - Acquisition Management
  - Transformation in Business Management
  - Business Case Analyses
  - Cost Estimating and Analysis
  - Large-scale Optimization

- **SEA WARrior**
  - Virtual Technologies and Environments for Training
  - ROI of Graduate Education
  - Workforce Aging and Retention

- **SEA TRIAL**
  - NPS Experimentation Programs

- **FORECNET**
  - ForceNet Sea Trials
  - Risk Assessment in Software
  - Trusted Computing

- **MARINE CORPS**
  - Individual Identification: Friend or Foe
  - Ultra-Wideband Smart Antennas
  - SpectrumShield Counter-IED System
  - Distributed Operations Field Experiments

NAVAL SPONSORED CHAIRS AND PROFESSORSHIPS

- Navy Warfare Development Command Chair for Warfare Innovation
- Chair in Applied Systems Analysis
- Space Systems Chair
- Naval Space Technology Program Chair
- Naval Sea Systems Command Chair of Total Ship Systems Engineering in Combat Systems
- RADM Conrad Chair of Financial Management
- Stanley Arthur Chair of Logistics
- RADM George F. Wagner Chair in Public Management
- Chair of Acquisition Management
- Chair of Expeditionary and Mine Warfare
- Chair of Undersea Warfare
- Office of Naval Research Chair of Innovation

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