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Research at NPS

Naval Postgraduate School

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RESEARCH AT NPS

NPS RESEARCH MEANS VALUE ADDED

The Naval Postgraduate School's sponsored research program provides the faculty and staff required for a strong, viable graduate school. Among its contributions to NPS excellence are those below:

- Maintains upper-division course content and programs at cutting edge
- Challenges students with creative problem-solving experiences on DoD-relevant issues
- Advances DoN / DoD technology
- Solves warfare problems
- Attracts and retains quality faculty

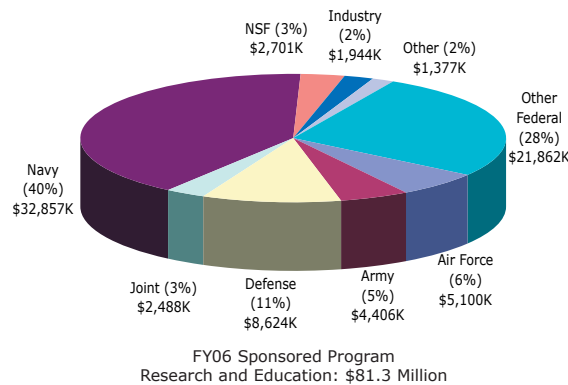
INTEGRATED EDUCATION AND RESEARCH PROGRAMS

- Space Systems
- Total Ship Systems Engineering
- Combat Systems
- Systems Engineering
- Homeland Security and Defense
- Acquisition

UNIQUE NPS LABS AND FACILITIES

- Spacecraft Research and Design Center
- Sensitive Compartmented Information Facility (SCIF)
- Systems Technology Battle Laboratory (STBL)
- Turbo Propulsion Laboratory
- Rocket and Combustion Laboratory
- Secure Computer Network Research Laboratory
- Center for Interdisciplinary Remotely Piloted Aircraft Studies (CIRPAS)
- Ocean Acoustic Observatory
- Interactive Digital Environment Analysis (IDEA) Laboratory
- Secure Space Systems Research Lab
- Center for Autonomous Underwater Vehicle Research
- Directed Energy Simulation Laboratory
- Radar/Electronic Warfare Lab
- MOVES Motion Capture Studio

A PRIMARY GOAL of the Naval Postgraduate School research program is to provide economical research and unique laboratory facilities that allow students and faculty to support Navy/DoD needs. We offer independent assessment of proposed solutions to military issues, pre-deployment evaluation of new technologies, and combined student-faculty expertise for research and development programs.



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

■ MOVES INSTITUTE (Modeling, Virtual Environments, and Simulation)

■ WAYNE E. MEYER INSTITUTE OF SYSTEMS ENGINEERING

SPONSORED PROGRAMS

- Basic and Applied Research
- Individual and Interdisciplinary Group Projects
- Fleet Support
- Cooperative Research and Development Agreements with Industry, Universities, and Government Laboratories
- Small Business Innovative Research
- Classified Research

RESEARCH CENTERS OF EXCELLENCE

- Aerodynamic Decelerator Systems Center
- Center for Autonomous Underwater Vehicle (AUV) Research
- Center for Civil-Military Relations
- Center for Contemporary Conflict
- Center for Defense Management Reform
- Center for Defense Technology and Education for the Military Services
- Center for Edge Power
- Center for Homeland Security and Defense
- Center for INFOSEC (Information Systems Security) Studies and Research
- Center for Interdisciplinary Remotely Piloted Aircraft Studies (CIRPAS)
- Center for Joint Services Electronic Warfare
- Center for Knowledge Management
- Center for Measurement and Signal Intelligence (MASINT) Research
- Center for Material Sciences
- Center for Network Innovation and Experimentation (CENETIX)
- Center for Radiation-Hardened Electronics
- Center for Reconnaissance Research
- Center for Research in Information Grid and Unusual Networks Operation
- Center for the Study of Mobile Devices and Communications
- Center for the Study of Potential Outcomes
- Center on Terrorism and Irregular Warfare
- Cryptological Research Center
- Navy/NASA Joint Institute of Aerospace Sciences
- Software Engineering Center
- Software Metrics Center
- Spacecraft Research and Design Center
- Turbo-Propulsion Laboratory
- Undersea Warfare Center

