Institutional Publications   Institutional Publications (Other)

1999

Research at NPS

Monterey, California. Naval Postgraduate School

https://hdl.handle.net/10945/52370

Research at NPS

Research at the Naval Postgraduate School is an integral part of graduate education, and:

- 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

Programs

Sponsored Research Program
- Basic and Applied Research
- Individual and Group Projects
- Fleet Support
- Cooperative Research and Development Agreements with Industry
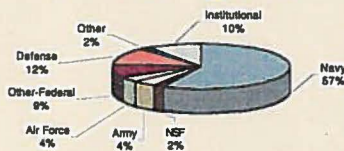- Cooperative Research with Universities and Government Laboratories

Institutionally Funded Research Program
- New Directions
- Augmentation of Sponsored Programs
- Institute for Joint Warfare Analysis
- Post-Doctoral Programs
- Research Initiation Program for New Faculty
- Recapitalization of Major Scientific Equipment

Integrated Graduate Education and Research Programs
- Space Systems
- Total Ship Systems Engineering
- Combat Systems

FY99 Program

- $40.1 million
- 134 faculty workyears
- 164 student workyears
- 90% externally funded
- 10% internally funded

Research is conducted in every academic department and interdisciplinary group at the Naval Postgraduate School.

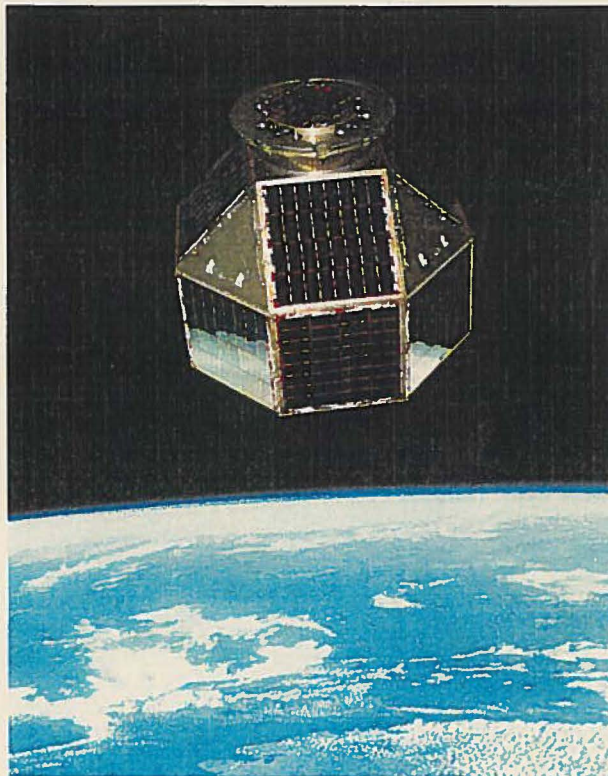**Division of Computer and Information Sciences and Operations**
- Computer Science
- Command, Control and Communcations Academic Group
- Information Systems Academic Group
- Information Warfare Academic Group
- Modeling, Virtual Environments, and Simulation (MOVES) Academic Group
- Space Systems Academic Group
- Special Operations Academic Group
- Undersea Warfare Academic Group

Division of Science and Engineering
- Aeronautics and Astronautics
- Electrical and Computer Engineering
- Mathematics
- Mechanical Engineering
- Meteorology
- Oceanography

Division of Operational and Policy Sciences
- National Security Affairs
- Operations Research
- Physics
- Systems Management
- Defense Resources Management Institute

Unique Research Facilities

- Fleet Satellite Communication Laboratory (FLTSATCOM)
- War Lab
- Sensitive Compartmented Information Facilities (SCIF)
- Systems Technology Battle Laboratory (STL)
- Propulsion Laboratory
- Secure Computer Network Research Laboratory
- Center for Interdisciplinary Remotely Piloted Aircraft Studies (CIRPAS)
- Signal Enhancement Laboratory
- Ocean Acoustic Observatory
- Interactive Digital Environment Analysis (IDEA) Laboratory
- Secure Space Systems Research Laboratory

The Naval Postgraduate School made history with the launch of the Space Shuttle Discovery in October of 1998 when NPS' very own Petite Amateur Navy Satellite (PANSAT) was sent into orbit. PANSAT is a small satellite designed and built entirely by the students, faculty, and staff at NPS.

One of the major goals of the NPS research program is to provide cost-effective research and unique research laboratory facilities that permit students and faculty to support Fleet and OPNAV needs. We provide independent assessment of proposed solutions to Naval issues, pre-deployment evaluation of new technologies, and combined student-faculty expertise for current research and development programs.

NAVAL POSTGRADUATE SCHOOL

Technical to Tactical