
DEPARTMENT SUMMARY

OVERVIEW:

The Department of Computer Science provides graduate training and education in major areas of computer science. Thus, both basic and advanced graduate courses are offered. Course work and research lead to either the degree of Master of Science or Doctor of Philosophy. The requirements to complete either program are rigorous and are comparable to those of other major universities.

CURRICULA SERVED:

- Computer Science
- Software Engineering
- Modeling, Virtual Environments, and Simulation

DEGREES GRANTED:

- Master of Science in Computer Science
- Master of Science in Software Engineering
- Master of Science Modeling, Virtual Environments, and Simulation
- Doctor of Philosophy in Computer Science
- Doctor of Philosophy in Software Engineering

RESEARCH THRUSTS AND FACULTY EXPERTISE:

- Software Engineering:
Professor Luqi, Professor Valdis Berzins, Associate Professor Man-Tak Shing, Military Instructor CDR Deborah Kern, and Military Instructor LCDR Chris Eagle
- Databases:
Associate Professor Thomas Wu and Research Assistant Professor Wolfgang Baer
- Computer Security:
Associate Professor Cynthia Irvine and Lecturer Daniel Warren
- Artificial Intelligence:
Professor Robert McGhee and Associate Professor Neil Rowe
- Computer Graphics:
Professor Michael Zyda, Assistant Professor Rudy Darken, and Lecturer Eric Bachmann
- Networks:
Associate Professor G. M. Lundy and Assistant Professor Geoffrey Xie
- Programming Languages:
Associate Professor Dennis Volpano

RESEARCH FACILITIES:

- Computer Science Academic Laboratory
- Artificial Intelligence and Robotic Laboratory
- Computer Systems and Security Laboratory
- Computer Graphics and Video Laboratory
- Microcomputer Systems Laboratory
- Software Engineering Laboratory
- Visual Database and Interface Laboratory

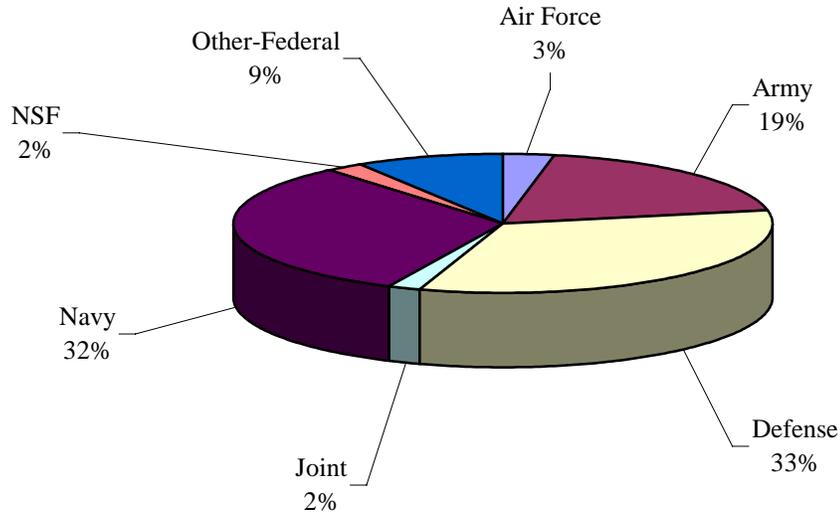
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RESEARCH CENTERS:

- Center for Information Security (INFOSEC) Studies and Research (CISR)

RESEARCH PROGRAM-FY2000:

The Naval Postgraduate School's research program exceeded \$43 million in FY2000. Over 93% of the Naval Postgraduate School Research Program is externally funded. A profile of the external research sponsors for the Department of Computer Science is provided below along with the size of the FY2000 externally funded program.



Size of Program: \$3081K