



1997-03

# Naval Postgraduate School Graduation Exercises / Class of March 1997

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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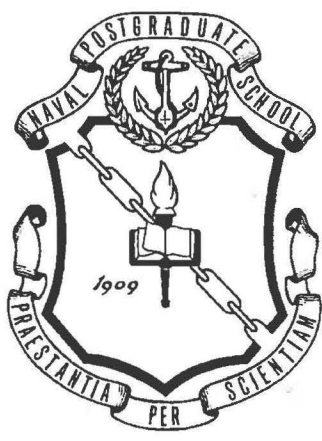
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# NAVAL POSTGRADUATE SCHOOL



## Graduation Exercises

10:30 a.m.  
Thursday  
27 March 1997



**NAVAL POSTGRADUATE SCHOOL  
ADMINISTRATION**

**Superintendent  
RADM MARSHA J. EVANS, USN**

**Provost  
DR. RICHARD S. ELSTER**

**Dean of Students and Director of Programs  
CAPT JAMES J. MILLER, USN**

**Dean of Management and Security Studies  
DR. JAMES S. BLANDIN**

**Dean of Engineering and Computational Sciences  
DR. RUDY PANHOLZER**

**Dean of Operational and Applied Science  
DR. PETER PURDUE**

**Dean of Research  
DR. DAVID NETZER**

**Commanding Officer  
Naval Support Activity, Monterey Bay  
CAPT MARY JAYNE MEYER, USN**

**VICE ADMIRAL ALEXANDER J. KREKICH**  
**Commander, Naval Surface Force, Pacific Fleet**

Vice Admiral Alexander J. Krekich was born in Passaic, New Jersey on March 19, 1943. He graduated with a Bachelor of Science degree in Naval Science from the United States Naval Academy in June 1964 and was commissioned an Ensign in the United States Navy.

His sea-duty assignments include tours of duty in USS WARRINGTON (DD-843) as Anti-Submarine Officer; in USS DAVIS (DD-937) as Engineer Officer; in USS JOHN KING (DDG-3) as Executive Officer; in USS AINSWORTH (FF-1090) as Commanding Officer and as Commanding Officer USS BELKNAP (CG-26), flagship of the United States Sixth Fleet in the Mediterranean. In addition, Vice Admiral Krekich has served as Chief of Staff to the Commander of the Second Fleet and Striking Fleet Atlantic. He also served in Da Nang, Vietnam with Coastal Division Twelve as an Officer-In-Charge of a fast patrol craft (SWIFT Boat).

He served ashore in the Bureau of Naval Personnel in the Enlisted Assignment Division; as an Aide and Flag Lieutenant to Commander, Naval Surface Forces of the United States Atlantic Fleet; as a Senior Examiner on the United States Atlantic Fleet Propulsion Examining Board; as the Cruiser-Destroyer Program Coordinator for the Deputy Chief of Naval Operations for Surface Warfare, and as the Executive Assistant to the Vice Chief of Naval Operations.

Vice Admiral Krekich was promoted to Flag Rank in February 1992. His first assignment as a Flag Officer was as Deputy Director for Strategy and Policy, J-5 on the Joint Staff. Vice Admiral Krekich's most recent sea assignment was as Commander George Washington Battle Group and Commander, Cruiser-Destroyer Group Two. His most recent past assignment was as Director, Surface Warfare on the staff of the Chief of Naval Operations.

Vice Admiral Krekich earned a Master of Science degree in Computer Systems from George Washington University. Additionally, he graduated with honors from the United States Army Command and General Staff College, Fort Leavenworth, Kansas, and with high distinction from the United States Naval War College in Newport, Rhode Island.

His decorations include the Defense Superior Service Medal, five Legions of Merit, four Meritorious Service Medals, the Navy Achievement Medal with combat distinguishing device, the Combat Action Ribbon and various unit and campaign awards.

Vice Admiral Krekich is married to the former Barbara Lynn Schramm of Whippany, New Jersey. They have two sons: Alexander Joseph, Jr. and Andrew Jon.



**REAR ADMIRAL MARSHA JOHNSON EVANS**  
**Superintendent**  
**Naval Postgraduate School**



A native of Springfield, Illinois, Rear Admiral Marsha Johnson Evans graduated with high honors from Occidental College in June 1968. Two months later she was commissioned an Ensign at Women's Officer School, Newport, Rhode Island. Early assignments included duty at the Defense Intelligence Agency, on the Commander, Fleet Air Western Pacific staff in Atsugi, Japan, and in the Office of the Chief of Naval Operations (OP-04). In 1973, she became the first woman Surface Assignments Officer in the Bureau of Naval Personnel. Concurrently, she served as Senior Navy Social Aide to the President of the United States.

Following selection as a Chief of Naval Operations Scholar in 1975, Rear Admiral Evans earned a Master's Degree in Law and Diplomacy at the Fletcher School of Law and Diplomacy, Tufts University. Subsequently, she served as the Middle East Policy Officer on the staff of the Commander in Chief, U.S. Naval Forces Europe. Selected as a White House Fellow in 1979, she served a one-year fellowship as Executive Secretary and Special Assistant to the Secretary of the Treasury. In early 1981 she became the Deputy Director of the President's Commission on White House Fellowships.

In 1982, Rear Admiral Evans was assigned as Executive Officer, Recruit Training Command, San Diego, and from 1984 to 1986 as Commanding Officer, Naval Technical Training Center, Treasure Island, San Francisco. She served the next two years as a Battalion Officer at the U.S. Naval Academy. During that assignment, she also chaired the Women Midshipmen Study Group, served on the Navy's 1987 Women's Study and taught classes in international relations.

In 1989, Rear Admiral Evans began a one-year assignment as Chief of Staff, Naval Base San Francisco. On June 15, 1990, she assumed command of Naval Station Treasure Island, San Francisco. In November 1991 she returned to the Naval Academy as Chief of Staff, an assignment that was curtailed in August 1992 when she became the Executive Director of the Standing Committee on Military and Civilian Women in the Department of the Navy. From June 1993 to July 1995, Rear Admiral Evans served as the Commander of the Navy Recruiting Command. Rear Admiral Evans assumed her current duties as Superintendent, Naval Postgraduate School on 8 September 1995.

Rear Admiral Evans is a graduate of the Naval War College off-campus program and a 1989 graduate of the National War College. She is married to Gerard R. Evans, of Pensacola, Florida.

**DR. RICHARD S. ELSTER**  
**Provost**  
**Naval Postgraduate School**



Richard Elster was born on 3 December 1939. He attended the University of Minnesota in Minneapolis where he received the degrees of Bachelor of Arts, Master of Arts, and Doctor of Philosophy.

In January of 1969, he joined the faculty of the Naval Postgraduate School. His teaching focused on DoD manpower, personnel and training policies. From 1 July 1975 to 1 July 1978, he was on leave from the Naval Postgraduate School. During that period, he worked in the Office of the Assistant Secretary of Defense (Manpower and Reserve Affairs), and as Senior Scientific Advisor to the Deputy Chief of Naval Operations (Manpower)/Chief of Naval Personnel, Admiral James D. Watkins.

On 1 October 1979, he was promoted to professor in the Department of Administrative Sciences at the Naval Postgraduate School. In July of 1983, he became Chairman of the Department of Administrative Sciences.

During the period of 1984-1988, he served as Deputy Assistant Secretary of the Navy for Manpower. Additionally, he was Acting Assistant Secretary of the Navy (Manpower & Reserve Affairs) during the period 7 April - 28 June 1988.

In 1989, he filled the Chief of Naval Operation's manpower chair at the Naval Postgraduate School. During January-September 1990, he was Deputy Assistant Secretary of Defense for Resource Management and Support. He was named Dean of Instruction at the Naval Postgraduate School in September 1990 where he served in this role until June 1995. On July 1, 1995 he was named Provost/Academic Dean of the Naval Postgraduate School.



**PLATFORM PARTY**

**FIRST ROW (Left to Right)**

**Dr. Neil Rowe**  
Department of Computer Science

**Captain John M. Wright**  
**USN, CHC**  
Command Chaplain  
Naval Postgraduate School

**Colonel Daniel D. Devlin**  
**USA**  
Commandant/Installation Commander  
Defense Language Institute  
Foreign Language School  
Monterey

**Colonel William D. Johnson**  
**USMC**  
Lecturer  
Defense Resource Management Institute  
Monterey

**Captain William T. Horan**  
**USCG**  
Chief, Operations Management/Oversight  
Alameda

**Colonel Eugene F. Beauvals**  
**USAF**  
Assistant Commandant  
Defense Language Institute  
Monterey

**Vice Admiral Alexander J. Krekich**  
**USN**  
Commander, Naval Surface Force  
Pacific Fleet  
San Diego

**Rear Admiral Marsha J. Evans**  
**USN**  
Superintendent  
Naval Postgraduate School

**Dr. Richard S. Elster**  
Provost  
Naval Postgraduate School

**Mrs. Sandra Koffman**  
Mayor of the City of Pacific Grove

**Mrs. Nan DeMent**  
President, Monterey Peninsula Council  
Navy League

**Captain James J. Miller**  
**USN**  
Dean of Students and Director of Programs  
Naval Postgraduate School

**SECOND ROW (Left to Right)**

**Dr. Anthony Atchley**  
Department of Physics

**Dr. Daniel Collins**  
Department of Aeronautical and Astronautical  
Engineering

**Captain Frank Petho, USN**  
Department of National Security Affairs and  
Department of Operations Research

**Dr. Herschel H. Loomis, Jr.**  
Department of Electrical and Computer  
Engineering

**Dr. Terry R. McNelley**  
Department of Mechanical Engineering

**Dr. Chuck Wash**  
Department of Meteorology

**Dr. Robert Bourke**  
Department of Oceanography

**Dr. Reuben Harris**  
Department of Systems Management

**Dr. Hal Fredricksen**  
Department of Mathematics

**Dr. James Eagle**  
Undersea Warfare Academic Group

**Professor Fred Levien**  
Electronic Warfare Academic Group

**Dr. Rudolph Panholzer**  
Space Systems Academic Group

**THURSDAY - MARCH 27, 1997  
PROGRAM**

**Processional** ..... **The Marshalls**

**Professor Alfred Cooper** ..... **Marshall**

**Professor David Canright** ..... **Marshall**

**Professor Steven R. Baker** ..... **Marshall**

**Lieutenant Colonel Tim Phillips** ..... **Marshall**

**Invocation\*** ..... **Captain John M. Wright**

**Introduction of Speaker** ..... **Rear Admiral Marsha J. Evans, Superintendent**

**Address to Graduates** ..... **Vice Admiral Alexander J. Krekich, Commander,  
Naval Surface Force, Pacific Fleet**

**Presentation of Awards** ..... **Provost**

**Presentation of Candidates** ..... **Department Chairman**

**Announcement of Degrees** ..... **Provost**

**Benediction\*** ..... **Captain John M. Wright**

**Recessional**

**Notes: The Superintendent cordially invites graduates, faculty, and guests to a reception in honor of the graduates in the Barbara McNitt Ballroom at Herrmann Hall immediately following the ceremony.**

**\*The audience should remain seated except for the events marked with an asterisk.**

**The audience is requested to hold their applause until the last graduate has crossed the stage.**

## CURRICULAR OFFICERS AND ACADEMIC ASSOCIATES

### Systems Management

**Curricular Officer - CDR Carlos Chavez, USN**

**Assistant Curricular Officer - LTJG LuAnn Corrado, USN**

#### Academic Associates

Transportation Logistics Management - Professor Don Eaton  
Transportation Management - Professor Don Eaton  
Acquisition and Contract Management - Professor David Lamm  
Systems Acquisition Management - Professor David Lamm  
Defense Systems Analysis (DoD Services - Non Navy) - Professor James Suchan  
Defense Systems Management (International) - Professor Roger Evered  
Systems Inventory Management - Professor Don Eaton  
Resource Planning and Mgmt for International Defense - Professor Roger Evered  
Material Logistics Support Management - Professor Don Eaton  
Financial Management - Professor Douglas Moses  
Manpower Systems Analysis - Professor Stephen Mehay  
Information Technology Management - Professor Carl R. Jones

### Aerospace Engineering

**Curricular Officer - CDR Bob Klocek, USN**

#### Academic Associates

Aeronautical Engineering - Professor Gerald Lindsey  
Aeronautical Engineering Avionics - Professor Gerald Lindsey

### Meteorology and Physical Oceanography

**Curricular Officer - CDR R. Glenn Handlers, USN**

#### Academic Associates

Meteorology - Professor Roger T. Williams  
Oceanography - Professor Mary Batteen  
Meteorology and Physical Oceanography - Professor Williams/Professor Batteen  
Operational Oceanography - Professor C. S. Chiu

### Undersea/Space/Information Warfare

**Curricular Officer - CDR Robert J. Young, USN**

#### Academic Associates

Undersea Warfare - Professor James Sanders  
Electronic Warfare - Professor David Jenn  
Information Warfare - Professor Carl R. Jones  
Space Systems Operations - Professor Terry Alfriend  
Space Systems Engineering - Professor Oscar Biblarz

### Combat Systems Sciences and Technology

**Curricular Officer - CDR Michael A. Witt, USN**

#### Academic Associate

Combat Systems - Professor James Sanders

### Joint Command, Control, Communications, Computers & Intelligence (C4I) Systems

**Curricular Officer - Lt Col Ernest K. Beran, USAF**

#### Academic Associates

Joint Command, Control, Communications, Computers, and Intelligence (C4I) Systems - Professor Mike Sovereign  
Special Operations/Low Intensity Conflict (SOLIC) - Professor Gordon McCormick  
Scientific and Technical Intelligence - Professor Dan C. Boger (Acting)

### Electronics and Computer Programs

**Curricular Officer - CDR Michael F. Dulke, USN**

**Assistant Curricular Officer - LT Maryanne Heinbaugh, USN**

#### Academic Associates

International - Professor Rama Janaswamy  
Non-Navy - Professor Ron J. Pieper  
Navy - Professor R. Clark Robertson  
Computer Science - Professor Michael J. Zyda

### National Security Affairs and Intelligence

**Curricular Officer - CDR Mark A. Machin, USN**

#### Academic Associates

Area Studies - Ambassador Rodney Kennedy Minott  
Strategic Planning and International Organizations & Negotiations - Professor David Yost  
Intelligence - CAPT Frank Kelly, USN  
Regional Planning & Mgmt for International Defense (REPMID) - Professor Roger Evered

### Naval Mechanical Engineering

**Curricular Officer - CDR Robert Klocek, USN**

#### Academic Associate

Naval Engineering - Professor Young Shin

### Operations Research

**Curricular Officer - CDR Mark Machin, USN**

#### Academic Associates

Operations Analysis - Professor Glenn Lindsay  
Operational Logistics - Professor David Schrady  
Advanced Science (Applied Math) - Professor Chris Frenzen

**Director, International Programs - Col H. Gary Roser, USMC (Ret)**

**Director, Civilian Institutions Programs - LT Lesa Kirsch, USN**



**MARCH 1997  
GRADUATION AWARDS**

**Monterey Council Navy League Award for Highest Academic Achievement -  
LCDR Rebecca Stone, USN**

Presented quarterly to a graduating USN, USMC, USCG, or NOAA student who has maintained an outstanding academic record as exhibited by academic achievement, thesis research, motivation, and community involvement.

**Naval Postgraduate School Outstanding Academic Achievement Award for  
Department of Defense Students - Capt Curtis B. Riedel, USAF**

Presented quarterly to a graduating USA, USAF, or Department of Defense civilian who has maintained an outstanding academic record as exhibited by academic achievement, thesis research, motivation, and community involvement.

**Naval Postgraduate School Outstanding Academic Achievement Award for  
International Students - LTJG Birol Zeybek, Turkish Navy**

Presented quarterly to a graduating military or civilian non-U.S. citizen student who has exhibited outstanding academic achievement, conducted notable thesis research, maintained motivation and a serious interest in the community, and who has interacted well with other students in the interest of international alliance.

**Naval Postgraduate School Superior Service Award -  
LTJG Panayiotis Papandreou, Hellenic Navy**

Presented to a graduating student who has demonstrated outstanding dedication to service while at NPS. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

**Marine Corps Association Superior Service Award for Outstanding U.S. Marine  
Corps Student - Maj Edward C. McCarthy, USMC**

Presented quarterly to the graduating U.S. Marine Corps student in any curriculum for superior service. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

**Armed Forces Communications and Electronics Association Award -  
Maj William Lang, USMC**

Presented to the officer graduate who has achieved academic excellence and best demonstrated professional qualities in one of the following programs: Electronics, Intelligence, Command, Control and Communications.

**Military Operations Research Society Stephen A. Tisdale Graduate Research  
Award - LT James R. Wimmer, USN**

Presented in recognition of outstanding achievement in graduate research directed toward improving military force utilization. The primary award criterion is research which leads to demonstration of or potential for increased operating effectiveness of currently available or near term assets.

**Chief of Naval Operations Award for Excellence in Operations Research -  
LT Philip J. Beckman, USN**

Presented semiannually to the outstanding USN or USMC graduate of the Operations Research program on the basis of academic achievement, experience tour performance, thesis work and demonstration of those qualities indicative of an outstanding military officer.

**Army Chief of Staff Award for Excellence in Operations Research -  
CPT Michael V. McCrea, USA**

Presented semiannually to an outstanding U.S. Army student in the Operations Research Curriculum on a basis of Academic Achievement, research excellence, experience tour performance, and military professionalism.

**Space and Naval Warfare Systems Command Award in Electronic Systems  
Engineering - Capt Darin Dunham, USMC**

Presented quarterly to a graduating student for distinguished academic achievement in the advanced Electronic Systems Engineering program.

**Joint Assistant Secretary of Navy (Research, Development and Acquisition)  
American Defense Preparedness Award for Excellence in Undersea Warfare  
Technology - ★ LT Michael R. Dargel, USN**

Presented annually at the March graduation ceremony to an outstanding officer student who successfully completes any curricular program and a thesis which demonstrates outstanding potential for application to undersea warfare technology.

**Naval Sea Systems Command Award in Naval/Mechanical Engineering -  
LTJG Birol Zeybek, Turkish Navy**

Presented in recognition of distinguished academic achievement in the Naval/Mechanical Engineering Program. The criteria for the award includes demonstrated academic excellence measured by marks attained, contents of thesis, and demonstrated leadership potential in Naval/Mechanical Engineering.

**Chief of Naval Operations Award for Academic Excellence in Manpower  
Systems Analysis - ★ LT Kurt Houser, USN**

Presented annually to an outstanding U.S. Naval Officer student or OP-01 sponsored civilian in the Manpower Systems Analysis curriculum. The award is based on an outstanding academic record, thesis quality and leadership ability.

**Systems Management Faculty Award for Excellence in Management -  
LT Robert duMont III, USN**

Presented semiannually to a student in any of the Systems Management curricula. The award is based on exceptional academic ability and is presented only when the caliber of potential nominees is considered high enough to make a presentation of award.

**United States Naval Institute Award - LCDR Robert Wilson, USN**

Presented to an outstanding graduate in the National Security Affairs curricula whose thesis is judged to be of the most importance to the U.S. Navy and meets the highest standards of excellence.

**Rear Admiral Grace Murray Hopper Computer Award -  
LTJG Erkan Akyüz, Turkish Navy**

Presented in recognition of excellence in Computer Science to the outstanding graduate in Computer Science, who has demonstrated outstanding academic performance, thesis quality and leadership ability.

**Rear Admiral Grace Murray Hopper Information Technology Management  
Award - LCDR Mark Murphy, USN**

Presented in recognition of excellence in Information Technology Management to the outstanding graduate in Information Technology, who has demonstrated outstanding academic performance, thesis quality and leadership ability.

**THE GRADUATES**

**DOCTOR OF PHILOSOPHY IN PHYSICS**

LT Douglas William Small, USN

**DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING**

LTC Yeoh, Lean Weng, Singapore Armed Forces  
CAPT Yu, Chen-Kuo, Taiwan Navy

**DOCTOR OF PHILOSOPHY IN AERONAUTICAL ENGINEERING**

Mr. Robert Van Dyken, China Lake

**ELECTRICAL ENGINEER**

Mr. David V. Roderick, Naval Research Laboratory

**AERONAUTICAL AND ASTRONAUTICAL ENGINEER**

LT Christopher S. Robinson, USN  
LCDR Steven P. Schmidt, USN  
Maj Boaz Pomerantz, Israeli Air Force

**MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS**

LT Bruce W. Grissom, USN  
LTJG Panagiotis I. Lymberis, Hellenic Navy  
LT Michael P. Lynch, USN  
LT Jeffrey P. Marshall, USN  
★ LCDR Christopher M. Strub, USN  
LCDR Robert C. Wilson, USN  
Capt David J. Gibson, USAF  
★ Capt Christopher A. Moffett, USAF  
Capt Curtis B. Riedel, USAF (With Distinction)

**MASTER OF SCIENCE IN ELECTRICAL ENGINEERING**

LCDR Kirk D. Allen, USN  
LT Sidney Scott Noe, USN  
LT Michael L. Shumberger, USN  
LT Alexander J. Bekas, Hellenic Navy  
LTJG George T. Katsoulis, Hellenic Navy  
LT Xenofon Nikolakopoulos, Hellenic Navy  
LT Panayiotis Papandreou, Hellenic Navy  
LTJG Önder Kara, Turkish Navy  
LTJG Murat Kocakanat, Turkish Navy  
LTJG Mehmet Sari, Turkish Navy  
Capt William E. Callahan, USMC  
Capt Darin T. Dunham, USMC

★ - Denotes students who are presented in absentia.

Maj William S. Lang, USMC  
Maj Edward C. McCarthy, USMC  
Capt Jay P. Storms, USMC  
LT John A. Thompson, USCG  
Mr. Adam Fulbright Atherton, Edwards AFB

**MASTER OF SCIENCE IN MECHANICAL ENGINEERING**

LTJG Zekai Akcan, Turkish Navy  
LT David J. Burdick, USN  
LT Kendall Gennick, USN  
LT Michael Keith Greene, USN  
LT Michael A. Hurni, USN  
LTJG Panos E. Kapasakis, Hellenic Navy  
LT Darwin Ernst Kroll, USN  
LT Anthony L. Simmons, USN  
LT Richard L. Thorne, USN  
LT Sotirios E. Tsamilis, Hellenic Navy (With Distinction)  
LTJG Birol Zeybek, Turkish Navy (With Distinction)

**MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING**

LT Christopher A. Adams, USN  
LT Peyton M. Allen, USN  
LT Stephen Kyle Barrie, USN (With Distinction)  
LT Scott R. Blake, USN  
LT Wesley P. Cochran, USN  
LT Trent Ryan Demoss, USN  
LT Galen L. Goldsmith, USN  
LT Todd R. Kousky, USN  
LT Darrell Duane Lack, USN  
LTJG Evangelos C. Papageorgiou, Hellenic Navy (With Distinction)  
LT Carlos M. Rippe, USN (With Distinction)  
LT Christopher S. Robinson, USN  
LT Edward Joseph Roth, USN

**MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING**

LCDR Steven P. Schmidt, USN

**MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY**

LT Sara Teresa Burke, USN  
LT David Michael Hone, USN  
LT Bruce J. Morris, USN

**MASTER OF SCIENCE IN METEOROLOGY**

LT Greg Michael Jimenez, USN  
LCDR Rebecca Eileen Stone, USN (With Distinction)

LCDR Eugene Powell Tramm, USN  
Capt Christopher Alexander Finta, USAF  
Capt Cynthia Ann Koch, USAF

**MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY**

LT Greg Michael Jimenez, USN  
LT Craig Allen Norheim, USN (With Distinction)  
LT James Gary Sires, USN  
LCDR Rebecca Eileen Stone, USN (With Distinction)  
LCDR Eugene Powell Tramm, USN  
LT Antonio José Pérez-Aguirre, Venezuelan Navy

**MASTER OF SCIENCE IN MANAGEMENT**

LTC Lo, Ping-Hsiung, Taiwan Army  
Capt Michael Andrew, Australian Army  
LT Robert E. Ballenger, USN  
LT Barbara M. Burgett, USN (With Distinction)  
LT Francis J. Campion, USN  
CDR Eser Çimenderoğlu, Turkish Navy  
LCDR Jeffrey W. Connor, USN  
LT Robert B. duMont III, USN (With Distinction)  
★ LCDR Timothy J. Duening, USN  
LT Emilson M. Espiritu, USN  
LT Matthew G. Fleming, USN  
LT Margaret R. Friery, USN  
★ CDR William J. Gieri, USN  
LT Dean A. Jacobs, USN  
LT Steven M. Jeffs, USN  
LT Kurt A. Kastner, USN  
LCDR Steven D. MacDonald, USN  
LT Cheryl D. Manning, USN  
LT Kimberly A. Murphy, USN  
LCDR Theresa M. Rea, USN  
LCDR Dorothy J. Reed, USNR  
LT Stuart C. Satterwhite, USN  
CDR Holger Schlüter, German Navy  
LCDR Vicky D. Sealey, USN  
LT Kirstina D. Shore, USN  
LT David P. Smith, USN  
LT Xavier F. Valverde, USN  
★ LCDR Daniel J. Walsh, USN  
LCDR David M. Watt, USN  
LT Laura R. Weigel, USN  
LT William H. Woods, USN  
Maj Gregg T. Habel, USMC

Capt Sean A. Kerr, USMC  
Maj Joyce L. McCallister, USMC  
Maj Franklin F. McCallister, USMC  
Capt Van Q. Nguyen, USMC  
Capt Robert D. Pridgen, USMC  
Maj Alvin J. Van Steenberg, USMC  
Capt Alexander J. Waugh, USMC  
Maj Jeffrey S. Weis, USMC  
Capt Marc A. Zinner, USMC  
LtCol Napoleón Rivero Acosta, Venezuelan National Guard  
Mr. David Henningsen, Army Acquisition Corp  
Mr. Christopher G. Newborn, Army Acquisition Corp  
Ms. Gail E. Stenger, Army Acquisition Corp

**MASTER OF SCIENCE INFORMATION TECHNOLOGY MANAGEMENT**

MAJ William S. Mullis, USA  
LT Bruce J. Black, USN  
LT Kimberly S. Blood, USN  
LCDR Craig L. Herrick, USN  
LT George Steven Johnstone, USN  
LT Todd M. Kinney, USN  
LT Panagiotis I. Lymberis, Hellenic Navy  
LCDR Mark A. Murphy, USN (With Distinction)  
LT Daniel E. Nixon, USN  
LT Alfred B. Price, Jr., USN  
LT Robert M. Reeves, USN  
LTJG Devrim Rehber, Turkish Navy  
LT Oliver E. Rich, Jr., USN  
LCDR Valerie S. Rich, USN  
LCDR Daniel R. Rozelle, USN  
LT Keith E. Schaffler, USN  
LCDR Clayton G. Tettelbach, USN (With Distinction)  
LCDR Paul J. Treutel, USN  
LT Glenn D. Williams, USN

**MASTER OF SCIENCE IN OPERATIONS RESEARCH**

CPT Kirk C. Benson, USA  
CPT Dana E. Goulette, USA  
CPT Dietmar Kunde, German Army  
CPT Michael V. McCrea, USA  
LT Philip J. Beckman, USN (With Distinction)  
LT Mark W. Beddoes, USN  
LT Charles R. Cordon, USN  
LT Kevin L. Dippery, USN  
LT Jeffery P. Eaton, USN  
LT Kevin S. Ford, USN

LT John R. Gorman, USN  
LT Brian C. Grimm, USN  
LTJG Orhan Karasakal, Turkish Navy  
LT Thomas E. McNerney III, USN  
LCDR John A. Sears III, USN  
LT Brian K. Shipman, USN  
LTJG Erol Ünal, Turkish Navy  
LT James R. Wimmer, USN  
Capt Christopher A. Goodhart, USMC (With Distinction)  
Capt Michael J. Rovenstine, USMC

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

MAJ Steven Wayne Decato, USA  
LTJG Erkan Akyüz, Turkish Navy (With Distinction)  
LT Achilles Anastasopoulos, Hellenic Navy  
LTJG Mehmet Bediz, Turkish Navy  
LCDR Andrew Sanford Dean, USN  
LT Sotero Enriquez, USN  
LT Jeffrey A. Halvorson, USN  
LT German A. Henault, USN  
LT John J. Kapp III, USN  
LT Karamanlis Vasilios, Hellenic Navy  
LT Didier Le Goff, USN (With Distinction)  
LT Richard Carl Moormann, USN  
LT Luis Enrique Reinoso, USN  
LCDR Ricky L. Roberts, USN  
LT Martin L. Whitfield, USN  
Maj Barron D. Whitaker, USMC  
LTJG Recep Erdinç Yetkin, Turkish Navy  
Mr. Alan Edward Pires, Naval Postgraduate School

**MASTER OF SCIENCE IN APPLIED MATHEMATICS**

LT Christopher A. Korn, USN

**MASTER OF SCIENCE IN APPLIED PHYSICS**

CPT James V. Day, USA (With Distinction)

**MASTER OF SCIENCE IN ENGINEERING ACOUSTICS**

LT Ming-Fei Chuang, Taiwan Navy

**MASTER OF SCIENCE IN APPLIED SCIENCE**

MAJ Ng Seng Leong, Republic of Singapore Navy (With Distinction)

**MASTER OF SCIENCE IN SYSTEMS ENGINEERING**

CDR Douglas L. Whitener, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY  
(SCIENTIFIC AND TECHNICAL INTELLIGENCE)**

LT Matthew A. Knapp, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY  
(SPACE SYSTEMS OPERATIONS)**

LT William Mitchell Darling, USN

★ - Denotes students who are presented in absentia.

**MARCH 1997  
THESIS ADVISORS**

Prof Brij Agrawal  
\*Prof Terry Alfriand  
\*Assoc Prof Robert Armstead  
Asst Prof Robert W. Ashton  
Prof Anthony Atchley  
Research Asst  
Prof Wolfgang Baer  
\*Dist Prof Robert Ball  
\*Assoc Prof Frank Barrett  
Assoc Prof Mary L. Batteen  
\*Assoc Prof Hemant Bhargava  
\*Prof Oscar Biblarz  
\*Prof Dan Boger  
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Asst Prof Don Brutzman  
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\*Prof Tung Bul  
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\*Sen Lecturer Alice Crawford  
Assoc Prof Roberto Cristi  
Lecturer LCDR John  
Daley, USN  
\*Prof Kenneth Davidson  
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Prof Daniel Dolk  
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Assoc Prof Indranath Dutta  
RADM Don Eaton, USN (Ret)  
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Monique P. Fargues  
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Vincente Garcia  
\*Prof Roland W. Garwood, Jr.  
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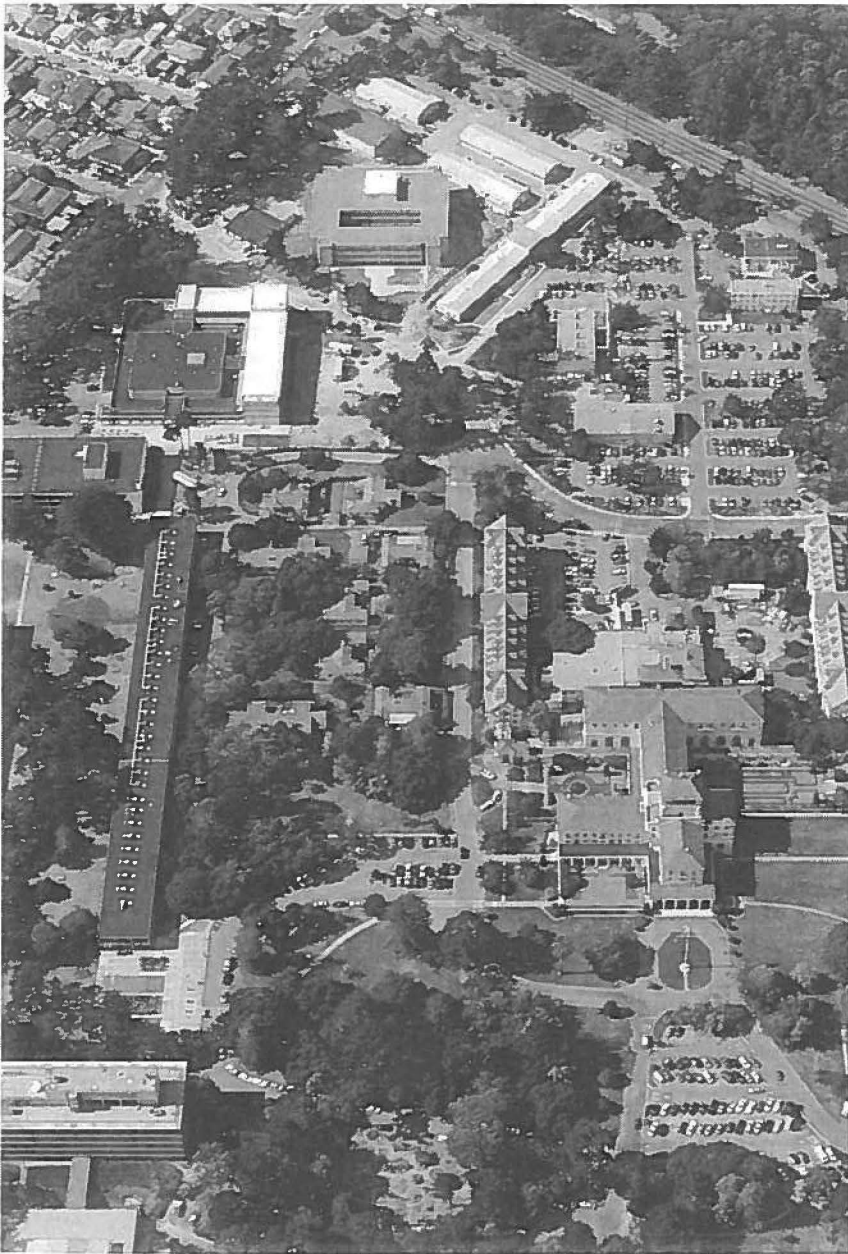
\*Asst Prof Ashok Gopinath  
Prof Andreas K. Goroch  
Vstg Asst Prof Kevin R. Gue  
\*Oceanographer Arlene Guest  
Professor Tri Ha  
Sen Lecturer William Haga  
Assoc Prof Robert Harney  
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Assoc Prof Paul H. Moose  
Prof Michael A. Morgan  
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Assoc Prof Maria Moyano  
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Asst Prof Jeffrey Paduan  
\*Assoc Prof Fotis Papoullas  
\*Prof Sam H. Parry  
Rsch Assoc Prof  
Patricia M. Pauley  
Prof Robert R. Read  
\*Prof Nancy Roberts  
Prof R. Clark Robertson  
Assoc Prof Timothy Shimeall  
Asst Prof Keith Snider  
Asst Prof Suresh Sridhar  
Asst Prof Mark Stone  
Tim Strayer, Sandia Labs  
Assoc Prof James Suchan  
Prof James Taylor  
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Assoc Prof Gall Fann Thomas  
Prof George Thomas  
Dist Prof Edward B. Thornton  
\*Asst Prof Scott D. Tollefson  
Asst Prof Dennis Volpano  
Lecturer Linda Wargo  
Asst Prof Todd Weatherford  
\*Assoc Prof Lyn R. Whitaker  
\*Prof Edward Wood  
Prof Edward Wu  
\*Assoc Prof Thomas Wu  
\*Prof David Yost  
\*Assoc Prof Xiaoping Yun  
\*Asst Prof Amr Zaky  
\*Prof Lawrence Ziomek  
\*Prof Michael J. Zyda

(\*) Denotes Advised multiple  
Thesis



## THE NAVAL POSTGRADUATE SCHOOL



The Naval Postgraduate School opened in Annapolis in 1909 and transferred to the Monterey Peninsula in 1952. Since its beginning, the school has conferred over 22,000 degrees. The typical student is an unrestricted line U.S. Naval Officer who has completed an operational tour. Students are engaged in intensive studies leading to a master's degree in one of 46 different curricula split between 10 academic departments and 4 academic groups. Each curriculum is tailored to provide the academic requirements for an accredited advanced degree and meet the additional educational skill requirements necessary for subsequent assignments. Officers are obliged to remain in service for about four years after they complete their schooling.

Students arrive every quarter, with the heaviest influx entering in January and July. Of the approximately 1500 students now enrolled, about 75 percent are in the United States Navy and Marine Corps, 15 percent are from other United States services, and the remaining 10 percent are from allied countries.

Many of the 350 professors at the school are internationally recognized in their respective fields. In order to keep abreast in their areas of expertise, faculty members conduct research beneficial to many governmental agencies. Over 27 million dollars of research is conducted or administered annually at the school.

The Superintendent, RADM Marsha J. Evans, with the assistance of Provost Richard S. Elster, guides the school in its endeavors. There is also a civilian Dean of Management and Security Affairs, Dean of Engineering and Computational Sciences, Dean of Operational and Applied Science, Dean of Research, and a U.S. Navy captain who serves as the Dean of Students/Director of Programs.

Guests are invited to tour the school grounds and to visit the historic Herrmann Hall.



The cap and gown and colorful hood so prominent in commencement ceremonies resemble, to some extent, articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front, the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

Hoods are normally black with a colorful lining rolled outward. Bachelor's hoods are three feet long, master's three and one half feet, and doctor's four feet.

For all academic purposes, including trimmings for the doctor's gown, edging of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

Agriculture .....	Maize
Arts, Letters, and Humanities .....	White
Business, Commerce .....	Drab
Education .....	Light Blue
Engineering .....	Orange
Forestry .....	Russet
Home Economics .....	Maroon
Law .....	Purple
Library Science .....	Lemon
Music .....	Pink
Pharmacy .....	Olive Green
Philosophy .....	Dark Blue
Physical Education .....	Sage Green
Science .....	Golden Yellow
Theology .....	Scarlet
Veterinary Science .....	Gray

**UNIVERSITY GRANTING DEGREE**

**LINING**

**CHEVRON**

Stanford University .....	Cardinal	
Purdue University .....	Black	Gold
University of Kansas .....	Purple	White
University of California .....	Gold	Yale Blue
University of Michigan .....	Maize	Blue
University of Southern California .....	Gold	Cardinal
University of Munich, W. Germany .....	White	Moonglow/White
Columbia University .....	Light Blue	White
Duke University .....	Royal Blue	White
Harvard University .....	Crimson	
Yale University .....	Blue	
University of Denver .....	Cardinal	Gold

