



1996-06

Naval Postgraduate School Graduation Exercises / Class of June 1996

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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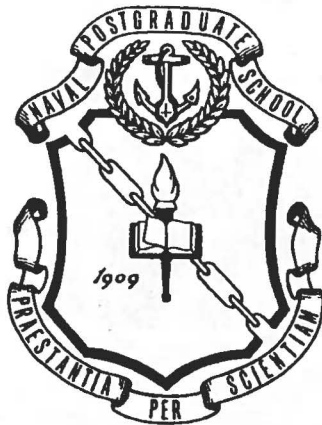
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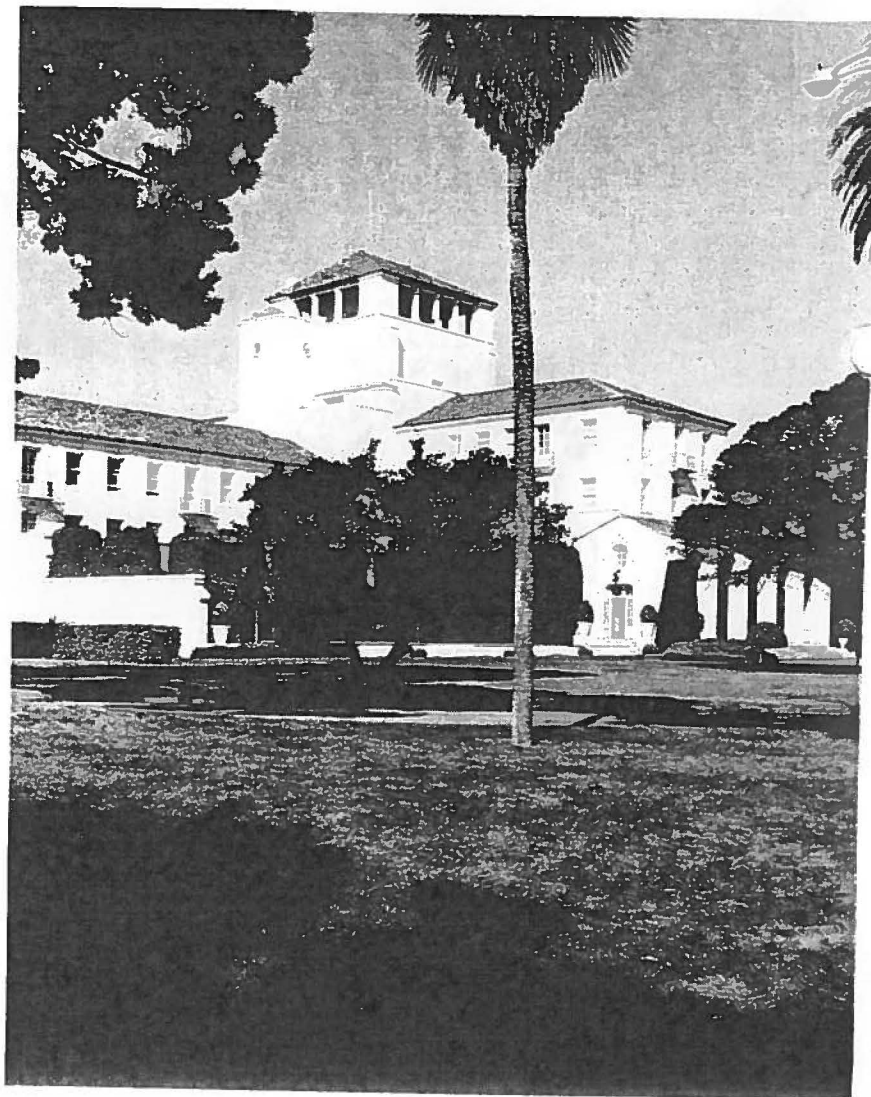
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JUNE
1996

NAVAL POSTGRADUATE SCHOOL



Graduation Exercises

*10:30 A.M.
Thursday
20 June 1996*



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. JOHN P. POWERS**

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

**Dean of Research (Acting)
DR. GORDON E. SCHACHER**

**Director of Military Operations
CAPT JON B. SCHMIDT, USN**

ADMINISTRATIVE
POSTGRADUATE



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 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.

VICE ADMIRAL BRENT M. BENNITT
Commander Naval Air Force
U.S. Pacific Fleet



Vice Admiral Bennitt was born in Muskegon, Michigan, graduated from the Naval Academy in 1964 and was designated a Naval Aviator eighteen months later. After two combat cruises and 222 combat missions with VA-94, flying the A-4 Skyhawk aboard USS HANCOCK and USS BONNE HOMME RICHARD, he attended the U.S. Naval Test Pilot School and served as an Aircraft Carrier Suitability Test Pilot at the Naval Test Center. This was followed by a tour as a flight test tutor at the Empire Test Pilot School at Boscombe, England, during which he was commended by the Queen of England for valuable service in the air as the school's stall/spin program manager and as one of the development test pilots on England's first variable stability aircraft.

Returning to the United States in 1973, Vice Admiral Bennitt joined VA-83, serving as the Administrative and Maintenance officer while flying the A-7E aboard USS FORRESTAL. He was a member of the team which represented the U.S. Sixth Fleet in the 1974 NATO South weapons delivery competition. A tour as Aide and Flag Lieutenant to the Commander-in-Chief, U.S. Pacific Fleet was followed by duty as Executive Officer and Commanding Officer of VA-105 aboard USS SARATOGA. During this tour the "gunslingers" were selected as the top A-7E squadron in the Atlantic Fleet and won the Wade C. McClusky Award, emblematic of the Navy's most outstanding attack squadron.

After leaving VA-105, Vice Admiral Bennitt served as the Attack Training Officer and Flying Hour Funds Program Manager on the staff, Commander, Naval Air Force, U.S. Atlantic Fleet. Following fifteen months of nuclear power training, Vice Admiral Bennitt reported to the nuclear-powered aircraft carrier USS NIMITZ as Executive Officer. In February 1985, Vice Admiral Bennitt assumed command of USS LA SALLE, flagship of Commander, U.S. Middle East Force, forward deployed at Manama, Bahrain. USS LA SALLE participated in joint and allied operations in the U.S. Central Command area of responsibility while steaming in the Arabian Gulf, the Red Sea and Indian Ocean. Vice Admiral Bennitt's next assignment was in Washington, D.C., where he served as Acting Director of Aircraft Carrier and Air Station Programs in the office of the Chief of Naval Operations.

He then received orders as Commanding Officer, USS NIMITZ, taking command on August 28, 1987. USS NIMITZ deployed to the Indian Ocean, provided support to the Republic of Korea during the Olympic Games and operated in the waters off Alaska's Aleutian Islands. In September 1989, Vice Admiral Bennitt was assigned as Deputy Director, Test and Evaluation and Technology Requirements (OP-091B) in the office of the Chief of Naval Operations. In November 1991, he took command of Carrier Group FIVE and Battle Force Seventh Fleet. For its performance during the 1992 deployment to the Arabian Gulf, Vice Admiral Bennitt's Task Force was awarded the Meritorious Unit Commendation. In October 1993, Vice Admiral Bennitt was assigned as Director, Air Warfare Division in the office of the Chief of Naval Operations. He then assumed command as Commander Naval Air Force, U.S. Pacific Fleet in January 1996.

Vice Admiral Bennitt's personal decorations include the Legion of Merit (4), Meritorious Service Medal, Individual Air Medals (3), Air Medal Strike Flight (17), Navy Commendation Medal with Combat "V" (3) and the Vietnamese Air Gallantry Cross. Vice Admiral Bennitt is married to the former Beverley Diane Brumfield of Southgate, California. The Bennitts have one daughter, Sarah.



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)

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

Colonel James A. Gillis
 USMC
 Commanding Officer
 23rd Marines
 San Rafael

Captain Stephen W. Clark
 USCG
 Chief of Command, Control, and
 Communications Division
 Coast Guard Island
 Alameda

Lieutenant Colonel Roderick Gale
 USAF
 Associate Provost
 Defense Language Institute

Colonel Daniel D. Devlin
 USA
 Commandant
 Defense Language Institute Foreign
 Language Center

Vice Admiral Brent M. Bennitt
 USN
 Commander, Naval Air Force
 U.S. Pacific Fleet
 North Island, San Diego

Rear Admiral Marsha J. Evans
 USN
 Superintendent
 Naval Postgraduate School

Dr. Richard S. Elster
 Provost
 Naval Postgraduate School

Mr. Don Jordan
 Mayor of the City of Seaside

Mr. Robert Herschede
 Past President, Monterey Peninsula Council
 Navy League

Lieutenant Colonel John Dillard
 USA
 Senior Army Faculty
 Naval Postgraduate School

Marilyn Olsen
 President, Naval Postgraduate School
 Foundation

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

SECOND ROW (Left to Right)

Dr. William Colson
 Department of Engineering Acoustics

Dr. Charles Therrien
 Department of Electrical Engineering

Dr. Daniel Collins
 Department of Aeronautical and
 Astronautical Engineering

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

Dr. Terry R. McNelley
 Department of Mechanical Engineering

Dr. Robert Haney
 Department of Meteorology and Physical
 Oceanography

Dr. Shu Lalo
 Department of Systems Management

Commander Mark Barber
 Department of Computer Science

Dr. Richard Franke
 Department of Mathematics

Dr. James Eagle
 Undersea Warfare Academic Group

Dr. Dan Boger
 Joint C4I Academic Group

Dr. Rudolph Panholzer
 Space Systems Academic Group

**THURSDAY - JUNE 20, 1996
 PROGRAM**

Processional The Marshalls

Professor Alfred Cooper Marshall

Professor David Canright Marshall

Professor James Fremgen Marshall

Lieutenant Colonel William Johnson, U.S. Marine Corps Marshall

Invocation Chaplain John M. Wright

Introduction of Speaker Rear Admiral Marsha J. Evans, Superintendent

Address to Graduates Vice Admiral Brent M. Bennitt
 Commander, Naval Air Force, U.S. Pacific Fleet

Presentation of Awards Provost

Presentation of Candidates Department Chairman

Announcement of Degrees Provost

Benediction* Chaplain 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 of 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 Gary Chapman, USN
Assistant Curricular Officers - CDR Carlos Chavez, USN
LT Kenneth Grimes, USN
LT Kevin McNear, USN

Academic Associates

Transportation Logistics Management - Professor Susan Hocevar
Transportation Management - Professor Susan Hocevar
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, Personnel, Training and Analysis - Professor Stephen Mehay
Information Technology Management - Professor Carl R. Jones

Aerospace Engineering

Curricular Officer - CDR Frank Cina, USN

Academic Associates

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

Meteorology and Physical Oceanography

Curricular Officer - LT Mark W. Mickelinc, USN

Academic Associates

Meteorology - Professor Roger T. Williams
Oceanography - Professor Roland W. Garwood
Meteorology and Physical Oceanography - Professor Williams/Professor Garwood
Operational Oceanography - Professor C. S. Chiu

Undersea/Space/Electronic Warfare

Curricular Officer - CDR Robert J. Young, USN

Academic Associates

Undersea Warfare - Professor James Sanders
Electronic Warfare - Professor David Jenn
Space Systems Operations - Professor Dan C. Boger
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 - LTCOL Ernest K. Beran, USAF

Academic Associates

Joint Command, Control, Communications, Computers, and Intelligence (C4i) Systems - Professor Dan C. Boger
Scientific and Technical Intelligence - Professor Dan C. Boger (Acting)

Electronics and Computer Programs

Curricular Officer - CDR Robert H. Ellis, USN
Assistant Curricular Officer - LT Eric Bachmann, 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 and Intelligence

Curricular Officer - CDR Mark A. Machin, USN

Academic Associates

Area Studies - Professor David Yost
Strategic Planning and International Organizations & Negotiations
Professor James Wirtz
Intelligence - CAPT Frank Kelly, USN
Special Operations/Low Intensity Conflict (SOLIC)
Professor Gordon McCormick
Regional Planning & Mgmt for International Defense (REPMID)
Professor Roger Evered

Naval Mechanical Engineering

Curricular Officer - CDR William E. Gray, USN

Academic Associate

Naval Engineering - Professor Morris Driels

Operations Research

Curricular Officer - CDR Douglas D. Grau, USN

Academic Associates

Operations Research - Professor Glenn Lindsay
Operational Logistics - Professor David Schradly
Advanced Science (Applied Math) - Professor Maurice Weir

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

Director, Civilian Institutions Programs - LT Sheryl Tannahill, USN

**JUNE 1996
GRADUATION AWARDS**

**Monterey Council Navy League Award for Highest Academic Achievement -
CDR Jeffrey N. Zerbe, USN**

Presented quarterly to 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 - CPT Scott Alan Jacobsen, USA**

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 - 1LT Andrea Rozsa, Hungarian Army**

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 - LT Troy A. Johnson
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 Steven J. Gottlieb, 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.

**Rear Admiral John Jay Schieffelin Award for Excellence in Teaching -
(To be announced at graduation)**

Presented annually to recognize faculty members, who, through wide consensus, excel as teachers. This consensus is ascertained through a ballot polling of students and graduates.

Warren Randolph Church Award - ★ LT James K. Longue, USN

Presented annually to an officer student for outstanding performance in mathematics. The criteria for selection includes evidence of initiative, scholarly attitude and mathematical maturity.

Armed Forces Communications and Electronics Association Award -

LCDR Troy L. Hart, USN and Capt Rodger D. Thrasher, USAF

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.

Admiral William Adger Moffett Award (Aeronautics) -

★ LT Grant B. Stephenson, USN

Presented annually to an officer student in the Aeronautical Engineering program on the basis of academic excellence, including thesis, and career potential.

**Space and Naval Warfare Systems Command Award in Electronic Systems
Engineering - LT Benjamin D. Salerno, USN**

Presented semiannually to a graduating student for distinguished academic achievement in the advanced Electronics Engineering program.

**Naval Sea Systems Command Award for Excellence in Combat Systems -
LCDR Mark S. Reed, USN**

Presented in recognition of distinguished scholastic achievement in Combat Systems Engineering. Selection is based on marks attained, quality and applicability of thesis and demonstrated leadership potential in the field of Combat Systems Engineering and Excellence.

Oceanographer of the Navy Air-Ocean Science Award -

★ LT Robert A. Staten, USN

Awarded annually to an Air-Ocean Sciences graduate with outstanding academic performance and exhibition of those qualities indicative of an outstanding military officer.

**Rear Admiral Thomas R. McClellan Award for Academic Excellence in
Systems Management - LCDR Curt M. Shanahan, USN**

Presented annually to recognize faculty members, who, through wide consensus, excel as teachers. This consensus is ascertained through a ballot polling of students and graduates.

**Naval Supply Systems Command Award for Academic Excellence in Systems
Management - LCDR Phillip J. Candreva, USN**

Presented semiannually to an outstanding U.S. Naval Supply Corps officer in Systems Management at the Naval Postgraduate School. The award is made on the basis of academic achievement, research excellence, contribution to the professional and civilian community and faculty recommendations.

Department of the Navy Award for Academic Excellence in Financial Management - CDR Jeffrey N. Zerbe, USN

The award is presented semiannually to a Financial Management student who demonstrates overall academic performance, academic excellence in financial management courses, high leadership potential, future ability to contribute to professional, academic and public forums while meeting the highest standards of stewardship of the National Trust and thesis excellence.

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management - CDR Jeffrey N. Zerbe, USN, LCDR Philip J. Candreva, USN, LCDR Robert S. Roof, USN, and LT David W. Gunderson, USN

Presented semi-annually to outstanding students in the Financial Management community who have demonstrated academic excellence, presented a financial management essay for publication, and exhibited the potential for outstanding leadership while attending the Naval Postgraduate School.

United States Naval Institute Award - LT Pete G. Galluch, USN

Presented to a student 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.

Joint Chiefs of Staff Command, Control and Communications Award for Academic Achievement - Capt James E. Nierle, USMC

Presented annually to the outstanding graduate of the Joint Command, Control and Communications Program in recognition of distinguished academic achievement based on marks attained, quality of thesis and overall performance.

Space Systems Engineering Award for Academic Excellence - LT Tyson J. Gallander, USN

Presented annually at the June graduation to an outstanding Space Systems Engineering student. The award is made based on grade point average, thesis work, curricular and extra-curricular activities.

Astronaut Michael J. Smith, CAPT, USN, Astronautics Award - LT Kirk E. Treanor, USN

Presented annually to an outstanding graduate of the Space Systems Engineering or Space Systems Operations curricula. The award is made on the basis of the student's academic excellence, including thesis, and career potential.

Army Acquisition Corps Award for Scholastic Achievement - CPT Kenneth P. Rodgers, USA

Presented to the graduating US Army Acquisition student who has exhibited outstanding academic excellence through academic achievement, thesis research, and leadership potential.

★ - Denotes students who are presented in absentia.

THE GRADUATES

DOCTOR OF PHILOSOPHY IN ENGINEERING ACOUSTICS
LCDR David D. Pierce, USN

DOCTOR OF PHILOSOPHY IN METEOROLOGY
Mr. Rolf H. Langland, Naval Research Laboratory

ELECTRICAL ENGINEER
LT William M. Peyton, USN

AERONAUTICAL AND ASTRONAUTICAL ENGINEER
CDR Alan Douglas Scott, USN
LT Kirk E. Treanor, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS
Maj Todd Coker, USMC

Maj Lawrence M. Curtin, USMC

LtCol Ansgar Rieks, German Air Force (With Distinction)

MAJ Jae Ho Cheon, Korean Army (With Distinction)

MAJ Steve J. Countouriotis, USA

MAJ Raymond Charles Hodgkins, USA

MAJ Michael P. Maughan, USA

MAJ Jerry L. Mraz, USA

BG Alain Rickenbacher, Swiss Army

LT Andrea Rózsa, Hungarian Army (With Distinction)

CPT Patrick M. O'Sullivan, USA

LT Carl F. Bush, USN

LT Peter G. Galluch, USN

LT Troy A. Johnson, USN

LT Kristy D. Le Goff, USN

LT John P. McCallen, USN

LT Sandra L. Nagy, USN

LT Gregory B. Owens, USN

CDR Benyamen N. Supit, Indonesian Navy

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

LTJG Okay Albayrak, Turkish Navy

LTJG Gökhan Alptekin, Turkish Navy

LT Lynn L. Boyer IV, USN

LT Tyson J. Gallander, USN
LCDR Troy L. Hart, USN
LT Stephen C. Pearson, USN
LT William M. Peyton, USN
LT Emmanouil Sakiotis, Hellenic Navy
LT Benjamin D. Salerno, USN
LCDR Philip G. Strozso, USN
Capt Randy G. Walker, USMC

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LT John Francis Comar, USCG
LT James Thomas Hurley, USCG
LT Helen Patricia Kilty, USCG
LT David Williams Haas, USN
LT Frank Nicholas Quiles, USN
LCDR Kevin Dunham Reilly, USN
LTJG Ufuk Toprak, Turkish Navy
LT Stephen Frederick Williamson, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

Capt David G. Schnorenberg, USMC (With Distinction)
LT Gary Gene Bishop, USN
★ LT Gary L. Formet, Jr., USN
★ LT Steven P. Hope, USN
★ LT Michael Knowles, USN
★ LT Michael Peoples, USN
★ LT Aaron Rondeau, USN
★ LT Scott A. Winfrey, USN
LCDR Tan, Ko-Cheng, Taiwan Navy
★ MAJ Stephen Walters, USA

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

CDR Claus M. Dohring, German Navy (With Distinction)
LT John M. Flynn, USN
LT James Thomas Jones, USN
LT Eric Christopher Ruttenberg, USN
CDR Alan Douglas Scott, USN
LT Dan Alexander Starling Jr., USN
LT Kirk E. Treanor, USN
LCDR Kevin M. Wilson, USN
LT Kevin D. Ziomek, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT Anthony James Anglin, USN
LCDR Ching-Kai Meng, Taiwan Navy
LCDR Yuan, Mei-Chun, Taiwan Navy

MASTER OF SCIENCE IN APPLIED PHYSICS

LCDR Fred Charles Beach, USN
LT Rodney Jay Gibson, USN
LT Roy Michael Porter, USN
LCDR Mark Stephen Reed, USN
CPT Liu, Fu-Chau, Taiwan Army
LTCOL Chih-Cheng Lo, Taiwan Air Force
LT Dimitrios Nikolaides, Hellenic Navy
LT Sinanoglou Panagiotis, Hellenic Navy
LT Luis Eduardo Moita Rodrigues, Portuguese Navy
LT Paulo Alexandre Rodrigues Soares, Portuguese Navy

MASTER OF SCIENCE IN PHYSICS

LT Harlan V. Wallace, USCG
LT Michael C. Ladner, USN
LT Jeremy S. Thompson, USN

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT Thomas P. Wojahn, USCG
LT Gerald J. Cavalleri, USN
LCDR Anthony F. D'Agostino, USN
LT John H. Powell, USN (With Distinction)
LCDR Donna Marie Sengelaub, USN
LT Jeffrey D. Stec, USN
LCDR Donald W. Taube, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT Dimitrios A. Evangelidis, Hellenic Navy
★ LCDR Huang, Ming-Jer, Taiwan Navy
LCDR Akira Tanaka, Japanese Maritime Self Defense Force

MASTER OF SCIENCE IN MANAGEMENT

Capt Kenneth D. Georgi, USMC (With Distinction)
Maj Steven J. Gottlieb, USMC
Capt Frank E. Johnston, USMC

Capt Ching-Yuan Ma, Taiwan Air Force
 CPT Krzysztof Abramczyk, Polish Army
 CPT James W. Atkinson, USA
 Maj Orlando B. Beltran, Philippine Army
 Maj Jin-Tyan Chiou, Taiwan Army
 CPT Scott A. Jacobsen, USA (With Distinction)
 CPT Walter Jones, USA
 CPT Brent C. Kremer, USA
 CPT Oscar Martinez-Cienfuegos, El Salvador Army
 CPT Clive Thekiso Matenge, Botswanan Army
 CPT Karl R. Meuschke, USA (With Distinction)
 CPT James M. Myers, USA
 CPT Warren N. O'Donnell, USA
 CPT Paul A. Ostrowski, USA (With Distinction)
 CPT Donald D. Ottilage, USA
 CPT Kenneth P. Rodgers, USA (With Distinction)
 CPT Douglas A. Tamilio, USA
 LCDR Steven H. Blaisdell, USN
 LCDR Michael J. Burr, USN
 LCDR Philip J. Candreva, USN (With Distinction)
 LT Albert L. Davis, USN
 LCDR Edward D. Digges, USN
 LT Carolyn S. Francis, USN
 CDR Roberto Carvajal Gacitúa, Chilean Navy (With Distinction)
 LT David W. Gunderson, USN (With Distinction)
 LT Matthew C. Hellman, USN
 CDR Ho, Pao-Jui, Taiwan Navy
 LT David A. Kennett, USN
 LTJG Serdar A. Kocaaliogullari, Turkish Navy
 ★ LT Tae H. Lee, USN
 LT Michael E. Meadows, USN
 LCDR Matthew A. Merritt, USN
 LCDR Mark E. Mlikan, USN
 LCDR Aanitra Mohammed, Moroccan Navy
 LCDR John E. Murphy, USN
 LT Alan L. Portis, USN
 LCDR David A. Pry, USN
 LT David F. Rockwell, USN
 LCDR Robert S. Roof, USN
 CDR Gabriel R. Salazar, USN
 LT Robert B. Scearce II, USN
 LCDR Curt M. Shanahan, USN (With Distinction)
 LT Edward Felipe Tovar-Calderón, El Salvador Navy
 LT Craig J. Washington, USN
 LT William P. Wood, USN

CDR Jeffrey N. Zerbe, USN (With Distinction)
 Mr. James T. Caudle, PEO Missile Defense
 Miss Sandra S. Crisp, US Army Depot Systems Command

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

Maj Steven M. Jones, USMC
 LT Kevin M. Coats, USN
 CDR James F. Lowder, USN
 LT Timothy M. Roylance, USN

MASTER OF SCIENCE IN OPERATIONS RESEARCH

CPT John R. Duke, USA
 MAJ Robert S. Hume, USA
 LT David D. Romberger, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

Maj Mark E. Cantrell, USMC
 Capt Randy G. Walker, USMC
 CPT Barry A. Diehl, USA
 CPT Steven W. Stone, USA
 ★ CPT Danny A. Wiley, USA
 LT Mitchell R. Hayes, USN
 ★ LCDR Donna N. Scrivener, USN

MASTER OF SCIENCE IN APPLIED MATHEMATICS

Capt Edwin E. Middlebrook, USMC
 CPT Robert E. Lazzell II, USA
 CPT Susan A. Rife, USA
 CPT Robert K. Wineinger, USA
 ★ LT Robert E. Beauchamp, USN
 LCDR Thomas Carroll, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY
(COMMAND, CONTROL, AND COMMUNICATIONS)**

Capt Michael C. Berigan, USMC (With Distinction)
 Maj Mark E. Cantrell, USMC
 ★ Capt Jeffrey W. Chlebowski, USMC
 Capt David A. Duff, USMC
 Capt James E. Nierle, USMC (With Distinction)
 Capt Roger D. Thrasher, USAF (With Distinction)
 Capt Howard T. Waller, USAF
 ★ CPT Earnest E. Hansley, USA
 ★ CPT Joseph M. Maiorana, USA
 LT Daniel M. Brintzinghoffer, USN

LT Leda M. L. Chong, USN
 LT Donald E. Elam, USN
 LT Christopher B. Henderson, USN
 LT Todd L. Lennon, USN
 LT Jose I. Morales, USN
 LT Rachel L. Pruitt-Billingsley, USN
 LT James K. Selkirk, USN
 LT Jeffrey E. Sullivan, USN (With Distinction)
 LT Nicholas K. Vodantis, USN
 LT John F. G. Wade, USN
 CDR Anne Laura Westerfield, USN

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

LT Robert Steven Carlisle, USN
 LCDR Gregory S. Higgins, USN
 CDR William Sherman Wolfner, USN

★ - Denotes students who are presented in absentia.

**JUNE 1996
 THESIS ADVISORS**

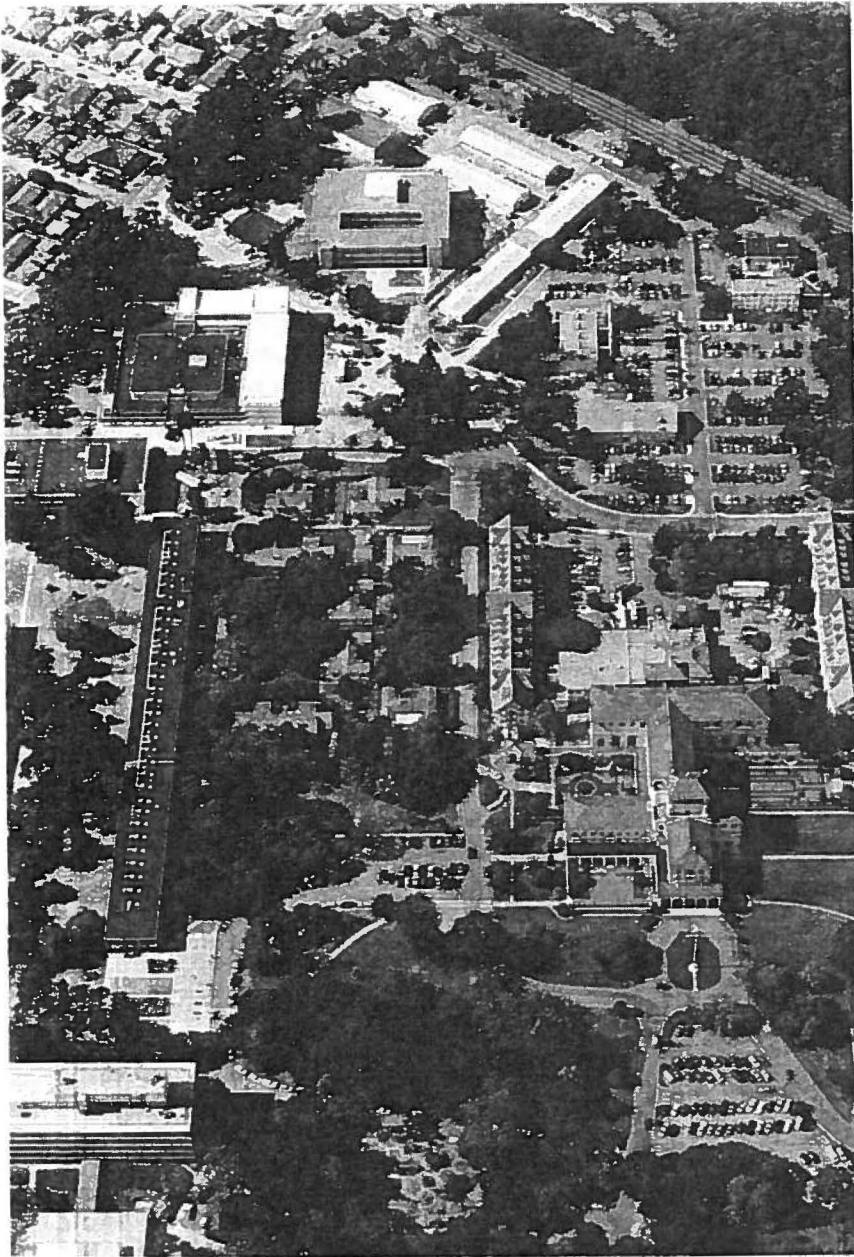
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(*) Denotes Advised multipleThesis

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 45 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 two U.S. Navy captains who serve as the Dean of Students/Director of Programs and Director of Military Operations.

Guests are invited to tour the school grounds and to visit the Naval Postgraduate School Museum located in the basement of Herrmann Hall. The museum is designed to capture the rich history of both the school and the Old Del Monte Hotel through displays and artifacts.

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

<u>UNIVERSITY GRANTING DEGREE</u>	<u>LINING</u>	<u>CHEVRON</u>
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

