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## Naval Postgraduate School Graduation Exercises / Class of September 1995

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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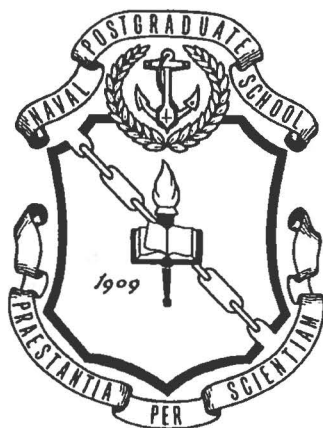


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# NAVAL POSTGRADUATE SCHOOL



## GRADUATION EXERCISES

10:30 A.M.  
Thursday  
21 September 1995



**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  
DR. PAUL MARTO**

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



**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.

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 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 is a graduate of the Naval War College off-campus programs and a 1989 graduate of the National War College. She is married to Gerard R. Evans, retired naval aviator from Pensacola, Florida, who is a graduate of the Naval Postgraduate School.



**REAR ADMIRAL THOMAS C. LYNCH**  
**Assistant Vice Chief of Naval Operations**  
**Washington D.C.**

Rear Admiral Thomas C. Lynch, a native of Lima, Ohio, was appointed to the U.S. Naval Academy in 1960 and graduated with academic and leadership distinction in the Class of 1964.

Admiral Lynch's initial sea tours included duties as main propulsion assistant on USS STRIBLING and engineering officer on USS DICKSON. Following a tour as assistant director, Candidate Guidance Office, at the U.S. Naval Academy, Admiral Lynch returned to sea as the commissioning executive officer on USS JESSE L. BROWN. He was then assigned to the office of the Chief of Naval Operations, Washington, D.C., and served in the Surface Warfare Plans and Programs Division.

Admiral Lynch commanded the frigate USS TRUETT from August 1977 through August 1980. While under his command, TRUETT deployed to the Mediterranean Sea and the Middle East, operating in the Red Sea and Gulf of Aden. Completing his command tour, he returned to Washington and served consecutively as the administrative assistant and naval aide to the Secretary of the Navy and as director of Senate liaison in the U.S. Navy Office of Legislative Affairs. Admiral Lynch then commanded Destroyer Squadron 26. Under his command, the squadron deployed on a UNITAS cruise, operating with the navies of our South American allies while circumnavigating the continent. Admiral Lynch's first flag officer assignment was as the Navy Chief of Legislative Affairs. He assumed duty as commander, Cruiser-Destroyer Group Twelve, on July 7, 1989. While embarked aboard the aircraft carrier USS DWIGHT D. EISENHOWER, the battle group under his command was first on scene in the Red Sea prepared to provide naval firepower after the August 2, 1990 Iraqi invasion of Kuwait.

Admiral Lynch is a graduate of the Armed Forces Staff College, Norfolk, VA., and has earned a master's degree from George Washington University. He also attended Harvard University's executive program on national and international security. He became the 54th superintendent of the U.S. Naval Academy in Annapolis, MD., on June 15, 1991. In September 1994, Admiral Lynch assumed his current position as Director, OPNAV Roles and Missions Working Group.

He is married to the former Kathleen Quinn of Lima, Ohio. They have three children, Jill, Alison, and Thomas Jr.



**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.



**THE PLATFORM PARTY**

**FIRST ROW (Left to Right)**

**Lieutenant Commander Jeffrey E. Rhodes**  
CHC, USN

Senior Protestant Chaplain  
Naval Postgraduate School

**Colonel James A. Gillis**  
USMC

Commanding Officer  
23rd Marines  
San Rafael

**Colonel Robert E. Busch**  
USAF

Assistant Commandant  
Defense Language Institute

**Captain Paul J. Bibeau**  
USCG

Pacific Area Operations  
Coast Guard Island  
Alameda

**Colonel Ila Mettee-McCutchon**  
USA

Garrison Commander  
Presidio of Monterey

**Vice Admiral Thomas Lynch**  
USN

Assistant Vice Chief of Naval Operations  
Washington D.C.

**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

**Lieutenant Colonel A.K. Zakby**  
USA (Ret)

Chairman, Kiwanis  
International Relations Committee

**Mr. Lloyd Townley**

Representative, 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)**

**Commander Mark Barber**

Department of Computer Science

**Dr. Robert Bourke**

Department of Oceanography

**Dr. Daniel C. Collins**

Department of Aeronautical and  
Astronautical Engineering

**Dr. Frank Teti**

Department of National Security Affairs

**Dr. Michael Morgan**

Department of Electrical Engineering

**Dr. Terry McNeiley**

Department of Mechanical Engineering

**Dr. Reuben Harris**

Department of Systems Management

**Dr. Richard Franke**

Department of Mathematics

**Dr. William Colson**

Department of Physics

**Dr. James Eagle**

Undersea Warfare Academic Group

**Commander Frank Petho**

Department of Operations Research

**Prof. Fred Levien**

Electronic Warfare Academic Group

**Dr. Rudolph Panholzer**

Space Systems Academic Group

**THURSDAY - SEPTEMBER 21, 1995  
PROGRAM**

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

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

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

**Professor Kevin Smith** ..... **Marshall**

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

**Invocation** ..... **Chaplain Jeffrey E. Rhodes**

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

**Address to Graduates** ..... **Rear Admiral Thomas C. Lynch**  
**Assistant Vice Chief of Naval Operations**

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

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

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

**Benediction\*** ..... **Chaplain Jeffrey E. Rhodes**

**Recessional**

**Notes: RADM Evans and Mr. Evans cordially invite graduates, faculty, and guests to a reception in honor of the graduates in the Babara 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 Michael P. Tryon, SC, USN**

**Assistant Curricular Officers - LT Joyce Wiseman**

**LT Patricia Munoz**

**LT Kenneth Grimes**

### 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 - CDR Thomas D. Lage, 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

### Joint Command, Control, Communications, Computers & Intelligence System

**Curricular Officer - LTCOL Ernest K. Beran, USAF**

#### Academic Associate

Joint Command, Control and Communications - Professor Dan C. Boger

### Electronics and Computer Programs

**Curricular Officer - CDR Robert H. Ellis, 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 - CDR Peter R. Hull, USN

Special Operations/Low Intensity Conflict (SOLIC)

Professor Gordon McCormick

Regional Planning & Mgt 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

### Combat Systems Sciences and Technology

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

#### Academic Associate

Combat Systems - Professor James Sanders

**Deputy Director of Programs/Dean of Students**

**CDR Deborah A. Becker**

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

### Civilian Institutions

**Manager - LT Karen Kersten, USN**



**SEPTEMBER 1995  
GRADUATION AWARDS**

**Monterey Council Navy League Award for Highest Academic Achievement -  
LCDR Douglas Warren Swanson, 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 - MAJ Leroy A. Jackson, 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 - LCDR Antonio F.G. Faria, Brazilian 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 -**

**LT Wistar Langhorne Rhodes, USN and, LT Robert James Barton III, USN**

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 Roddy Staten, 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.

**Distinguished Professor Award - (To be announced at graduation)**

Presented to a faculty member who has merited recognition for his or her scholarly accomplishments and lasting educational contributions to the Naval Postgraduate School. The recipient of this award joins a select group of faculty bearing the title of Distinguished Professor who has made significant impacts on the Naval Postgraduate School.

**Armed Forces Communications and Electronics Association Award -  
LT Robert James Barton III, USN**

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 - MAJ Robert L. Syvertson, USA**

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 Bryan Monteith, USN**

Presented semiannually to the outstanding USN or USMC graduate of the Operation 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 -  
MAJ Leroy A. Jackson, 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.

**Chief of Naval Operations Communications Award - LT John A. Tigani, USN**

Presented in recognition of distinguished academic achievement in the Communications Engineering program to that graduate who has attained an outstanding academic record and who exhibited those qualities of an outstanding military officer.

**Naval Undersea Warfare Center Award for Excellence in Undersea Warfare  
Systems Technology - LT Robert A. Staten, USN**

Presented at the March and September graduations to any NPS officer student who successfully completes a curricular program and a thesis that relates to one or more of the NSWC surface warfare product lines.

**Chief of Naval Operations Electronic Warfare Award -  
LCDR Gregory James Haw, USN and, LT Leslie T. Cardenas, USN**

Presented in recognition of excellence in the Electronic Warfare Systems Engineering program to that graduate who has attained an outstanding academic record and who has exhibited outstanding leadership qualities.

**Chief of Naval Operations Undersea Warfare Award -  
LT Dennis James McKelvey, USN**

Sponsored by the National Security Industrial Association and presented in recognition of distinguished academic achievement to the USW Curriculum graduate who has demonstrated outstanding academic performance and exhibited those qualities indicative of an outstanding military officer.

**Rear Admiral Grace Murray Hopper Computer Technology Award -  
Capt Samuel A. Kirby, USMC, and LCDR Douglas Warren Swanson, USN**  
Presented in recognition of excellence in the Computer Technology program to the outstanding graduate in Computer Science and Information Technology Management who has demonstrated outstanding academic performance, thesis quality and leadership ability.

**United Space Systems Operations Award for Academic Excellence -  
CDR Michael Paul Hutter, USN**  
Presented annually at the September commencement exercises to an outstanding student in Space Systems Operations who has graduated since the last award. Selection criteria for this award is based on Quality Point Rating, thesis, academic achievement, and extra curricula activities.

**Monterey Kiwanis Club Outstanding Foreign Student Award -  
CDR Eduardo Troncoso, Chilean Navy, and LTJG Cenk Unal, Turkish Navy**  
Presented annually at the September commencement exercises to two outstanding foreign students. Selection criteria for this award is based on academic standing and achievement, and involvement in community affairs.

## THE GRADUATES

**DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE**  
LTC Chien-Liang Chuang, Taiwan, R.O.C., Army  
\*CDR Joseph Kovalchik, USN

**DOCTOR OF PHILOSOPHY IN PHYSICAL OCEANOGRAPHY**  
LCDR Arthur Rost Parsons, USN

**AERONAUTICAL AND ASTRONAUTICAL ENGINEER**  
Mr. Mark Lambert, China Lake  
Mr. Ronald Marvin, China Lake

**MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS**  
CAPT Lyndon E. Clifton, USAF  
CPT James R. Dillon, USA  
CPT James A. Gentile, USA (With Distinction)  
LT James R. Midkiff, USN  
LT Deborah O. Teske, USN

**MASTER OF SCIENCE IN ELECTRICAL ENGINEERING**  
LT Bobby M. Lam, USCG  
LT Robert J. Barton III, USN (With Distinction)  
LT David P. Dawson, USN  
LT Michael Dennis, USN (With Distinction)  
LT Kenneth D. Filor, USN  
LT Ivan C. Pierce III, USN  
LT Stephan P. Robey, USN  
LT John A. Tigani, USN  
LT Stephen J Ying, USN  
Mr. Thad B. Gibson, Naval Air Warfare Center  
Mr. John M. Waddell, Eglin Air Force Base  
Mrs. Rachel C. Waddell, Eglin Air Force Base

**MASTER OF SCIENCE IN MECHANICAL ENGINEERING**  
LT Peter J. Sistare, USCG  
LT Brian P. Eckerle, USN  
LT Donald B. Lesh, USN  
LT Henry William Stevens III, USN  
LT William J. Wolkerstorfer, USN  
LTJG Ata Komral, Turkish Navy  
LTJG Ugur Turk, Turkish Navy  
LTJG Erkan Yeniceri, Turkish Navy

**MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING**

LT Gary Burkholder, USN  
LT Michael Dennis, USN  
LT Russell Gates, USN (With Distinction)  
LT Donald Gish, USN  
LT Philip Greco, USN  
LT John Green, USN (With Distinction)  
LT Mark Hakun, USN  
LT Dennis Hansen, USN  
LT Kurt Hardy, USN  
LT Daniel Hiatt, USN (With Distinction)  
LT Richard Kammann, USN  
LCDR Theodore Picchini, USN  
LT William Reid, USN  
LT Gregory Sauter, USN  
LT Roy Wagner, USN  
LT James Watkins, USN

**MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING**

LT John Charles Murray, USN

**MASTER OF SCIENCE IN ENGINEERING SCIENCE (ASTRONAUTICS)**

LT Joseph A. Gherlone Jr., USN

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

LCDR Stanley A. Akahoshi, USN  
LT Kirk Raymond Benson, USN  
LT Joseph Ray Donato, USN  
LCDR Craig E. Jakus, USN  
LT Richard A. Jeffries, USN  
LCDR Karen M. Kohanowich, USN  
LCDR Mark D. Malsick, USN  
LT Darryl C. Melton, USN  
LT Paul Stephen Oosterling, USN

**MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY**

LCDR Antonio Fernando Garcez Faria, Brazilian Navy (With Distinction)  
LT Carlos Manuel da Costa Ventura Soares, Portuguese Navy  
LT Robert A. Staten, USN  
LCDR Tseng, Hsing-Chia, Taiwan, R.O.C., Navy  
LCDR Anthony C. Karkainen, USN  
LT Trevor Andrew McIntyre, USN

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT**

CPT Bae, Kichan, Korean Army  
CPT Jun Sang Jo, Korean Army  
Capt Richard D. Davis, Jr., USMC

Capt. Dan McQuay, USMC  
Maj. John F. Kelly, USMC  
Capt. William Monroe, USMC  
Maj. Roddy Staten, USMC  
LT Todd Barnum, USN  
LCDR Eric Berry, USN

LT Sharon Bitzer, USN (With Distinction)  
LT Christopher L. Braley, USN  
\*CDR Raymond Craigmiles, USN  
LT Michael S. Downs, USN (With Distinction)  
LT Charles Emde, USN  
LT Tracey Emswiler, USN  
LT Tony R. Encinas, USN  
LT Barbara Lynn Franklin, USN  
LCDR Jeffrey W. Gregoire, USN  
LCDR Lawrence D. Howard, USN  
LT Nick Hodges, USN (With Distinction)  
LT Terri E. Humphries, USN  
LT Sharon Elizabeth Johnson, USN  
LT Andrew Schuyler King, USN  
LCDR Lawrence Eli LaRochelle, USN  
LT Virginia Terese Lamb, USN  
LT John N. Lewis, USNR  
LT Vincent J. Mancano, USN  
LCDR Virginia Callaghan Mayer, USN  
LT Henry McGibbon, USN  
LT Theresa Michal, USN  
CDR Mark Nault, USN (With Distinction)  
LT Thomas E. O'Neill, USN (With Distinction)  
LCDR Anthony B. Onorati, USN  
LT Lawrence A. Pemberton, Jr., USN  
LT Milton J. Prell, USN  
LT Scott Robillard, USN  
LT Wistar Ann Langhome Rhodes, USN  
LT Kimberly S. Russ, USN  
LT Paul Sudhoff, USN  
LCDR W. T. Swain, USN  
LCDR Douglas W. Swanson, USN (With Distinction)  
LT William R. Tate, USN  
LT Gregory Tharpe, USN  
LT Dennis M. Trepanier, USN (With Distinction)  
LCDR Christopher L. Vance, USN  
LT Karen Weiss, USN  
CDR Robert E. Wilcox, USN  
LT Patrick J. McGillvray, USCG  
LCDR James W. Kelly, USCG

**MASTER OF SCIENCE IN MANAGEMENT**

LTCOL Lai, Hsuan-Hsien, Taiwan, R.O.C., Army  
LCDR Yoshihiro Nowada, Japan Maritime Self-Defense Force  
LT Stephen Floyd Carlson, USN  
LCDR Tim Greene, USN  
LT James E. Jones, USN  
LCDR Selcuk Kackar, Turkish Navy  
LT Joseph Patrick McDougall, USN  
LTJG Cenk Unal, Turkish Navy (With Distinction)

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Maj Martin Scott Almquist, USMC  
Maj Michael G. Canterbury, USMC  
Capt Samuel A. Kirby, USMC (With Distinction)  
Capt Lawrence Albert Nathan, USMC  
Capt Thomas Jay Sobey, USMC  
Capt Marianne S. Waldrop, USMC  
CPT Kwon, Tae-Wook, Korean Army  
CPT Russell Louis Storms, USA  
CPT Karen D. H. Tomlin, USA  
CPT Yun, Seok Jun, Korean Army  
LT Eric Robert Bachmann, USN  
LT Daniel Keith Bacon, Jr., USN  
CDR Robert Bruce Badgett, USN  
LT Carlos Martin Barbosa, USN  
LT Robert J. Barton III, USN  
LT Steven Robert Bible, USN  
LCDR Peter Bryant Bonem, USN (With Distinction)  
LT Christopher Allen Chrislip, USN  
LT Robert Eugene Clark, USN  
LT James Frederick Ehlert, Jr., USN  
LCDR David L. Gay, USN  
CDR Michael John Holden, USN  
LCDR Daniel Allen Kellett, USN  
LT Charles Brian Koman, USN (With Distinction)  
LT Frederick Charles Lentz III, USN  
LT James Edward O'Byrne, USN  
LT Henry Tong Ong, USN  
CDR Carl M. Pederson Jr., USN  
LT Luis M. Ramirez, USN  
LT Stephen P. Reimers, USN  
LT Alan Bruce Shaffer, USN  
LCDR Michael W. Stephens, USNR  
LTJG Recep Tan, Turkish Navy  
LCDR Joao Alberto Vianna Tavares, Brazilian Navy (With Distinction)  
LCDR Mathias W. Winter, USN  
LTJG Necmi Yildirim, Turkish Navy  
Mr. Robert T. George, Army Research Laboratory (With Distinction)

**MASTER OF SCIENCE IN APPLIED MATHEMATICS**

LT James K. Logue, USN (With Distinction)  
LT Thomas E. Rogers, USN

**MASTER OF SCIENCE IN APPLIED PHYSICS**

LCDR Joseph William Osborne, USN  
Mr. Patrick Michael Swoboda, Army Research Laboratory

**MASTER OF SCIENCE IN ENGINEERING ACOUSTICS**

LT Charles J. Cassidy, USN  
LT Dennis James McKelvey, USN  
LCDR Joseph William Osborne, USN  
LT Jonah Wai Shen, USN  
LT William Frederick Stewart, USN

**MASTER OF SCIENCE IN OPERATIONS RESEARCH**

Capt Jay M. Bargeron, USMC  
Maj Bienvenido P. Intoy, USMC  
Capt Raphael P. Brown, USMC  
Capt Douglas E. Mason, USMC  
Capt George D. Pointon, USMC  
Capt William N. A. Slavik, USMC  
Maj William A. Sawyers, USMC  
Capt Lee Hee Kwang, Steve, Singapore Air Force (With Distinction)  
MAJ Chen-Guan Wong, Singapore Army  
MAJ Steven M. Aviles, USA  
CPT Yeon Chang Chung, Korean Army  
CPT Ray A. Combs II, USA  
CPT Jeffrey C. Corbett, USA  
CPT James M. Demyanovich, USA  
MAJ Leroy A. Jackson, USA (With Distinction)  
MAJ Lim. Chong Kwon, Korean Army  
CPT Gust W. Pagonis, USA  
CPT Samuel T. Piper III, USA  
MAJ Robert L. Syvertson, USA  
CPT Joseph E. Whitlock, USA  
CPT Thomas J. Wilk, USA  
CPT Gregory R. Wilson, USA  
LT Christopher D. Bingham, USNR  
LT David C. Chapates, USN (With Distinction)  
LT P Thomas Druggan, USN  
LT David A. Goggins, USN (With Distinction)  
LCDR Jeffrey P. Hamman, USN  
LCDR Roosevelt Johnson, Sr, USN  
LT Kyle D. Kliever, USN  
LT Stephen Lorentzen, USN  
LT Jason J. Michal, USN  
LT Douglas M. Murphy, USN

LT Raymond Mclsaac, USN  
LT Bryan G. Monteith, USN (With Distinction)  
LT Nancy C. Paulsen, USN  
CDR David C. Pyle, USN  
LT Lynda M. Race, USN  
LT Steven R. Rasmussen, USN  
LCDR Anthony C. Rodgers, USN  
LT David H. Salzer, USN  
LT William J. Schmitt, USN  
LT Joseph J. Sposato, USN  
LT Kevin L. Steck, USN  
LT Shri J. Stroud, USN  
LT Donna M. Sullivan, USN  
LT Elizabeth A. Thomas, USN  
LT Christopher R. Towery, USN  
CDR Donald E. Vance II, USN (With Distinction)  
LT Mark A. Wargelin, USN  
LT Charles J. Washko, USN

**MASTER OF SCIENCE IN SYSTEMS ENGINEERING**

Capt Denise Anne Mattes, USMC  
CPT Celia Webb, USA  
LT Lee Kurt Allred, USN  
LT Leslie T. Cardenas, USN (With Distinction)  
LCDR Gregory James Haws, USN (With Distinction)  
LT Cary J. Krause, USN  
LT Elliot F. Laramie, USN  
LT Michael Scott Moreno, USN  
Ms. Pamela A. Sexton, Naval Air Warfare Center  
LTJG Murat Gunal, Turkish Navy  
CPT Wang, Kewjin, Korean Army  
Capt Yeh, Jia-Hsin, Taiwan, R.O. C., Air Force

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

LT David W. Alldridge, USN  
LT David William Andrews, USN  
LT Robert L. Burgard, Jr., USN  
LT Bruce Robert DeMello, USN  
LT Arthur de Leon, USN  
LT Joseph A. Gherlone, Jr., USN  
LT Jeffrey Lawrence Goerges, USN  
CDR Michael Paul Hutter, USN  
LT Todd G. Kruder, USN  
LT John Michael Lacivita, USN

LT John Michael Longhini, USN  
LT Troy Michael Nichols, USN  
LT Sinthi H. Nguyen, USN  
LT Steven John Scott, USN  
LT Fred John Severson, USN  
LT Benjamin Hagan Walker IV, USN

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

LT Brent A. Morgan, USN  
LT Richard J. Shinn, Jr., USN  
LT Jeffrey Rainer Swartz, USN

Those students whose names are preceded by an (\*)  
are being presented in absentia.



21 SEPTEMBER 1995  
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 \*Prof David Morton, NRC Assoc  
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 \*Research Asst Prof Tom Murphee  
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 \*Prof Edward B. Thornton  
 \*Assoc Prof Murali Tummala  
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 Prof Carlyle Wash  
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 \*Prof James Wilson  
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 LTC James Wood III, USA  
 \*Prof Edward Wood  
 \*Assoc Prof Kevin Wood  
 Prof Max Woods  
 Prof Edward Wu  
 \*Assoc Prof Thomas Wu  
 \*Prof David Yost  
 \*LTC Mark Youngren, USA  
 \*Asst Prof Amr Zaky  
 \*Assoc Prof Lawrence Ziomek  
 \*Prof Michael J. Zyda

(\*) Denotes Advised multiple Thesis

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

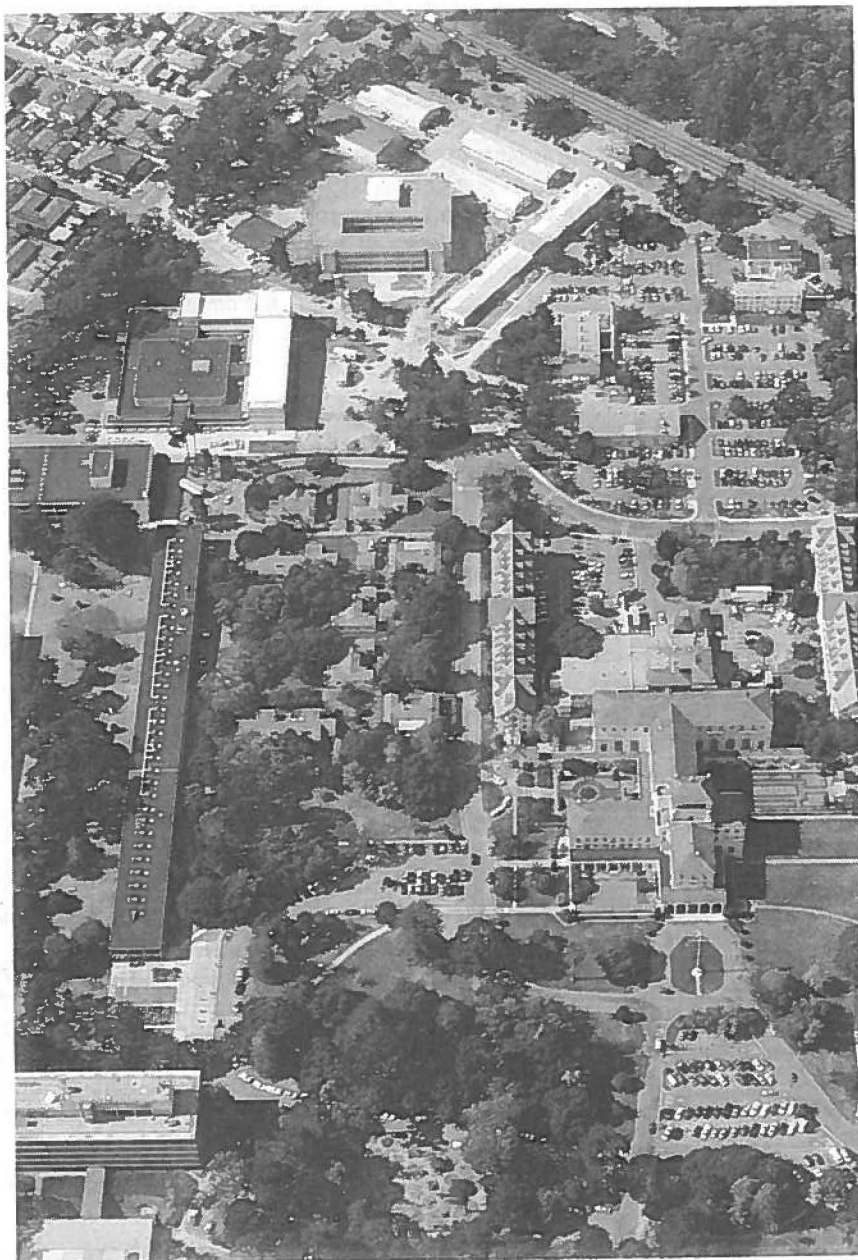
UNIVERSITY GRANTING DEGREE

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





## 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 37 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 Hermann Hall. The museum is designed to capture the rich history of both the school and the Old Del Monte Hotel through displays and artifacts.

