



1996-09

Naval Postgraduate School Graduation Exercises / Class of September 1996

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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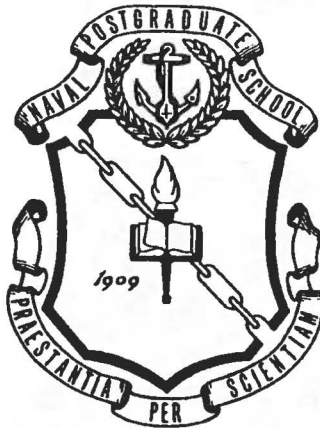
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NAVAL POSTGRADUATE SCHOOL

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1996



Graduation Exercises

*10:30 a.m.
Thursday
26 September 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**

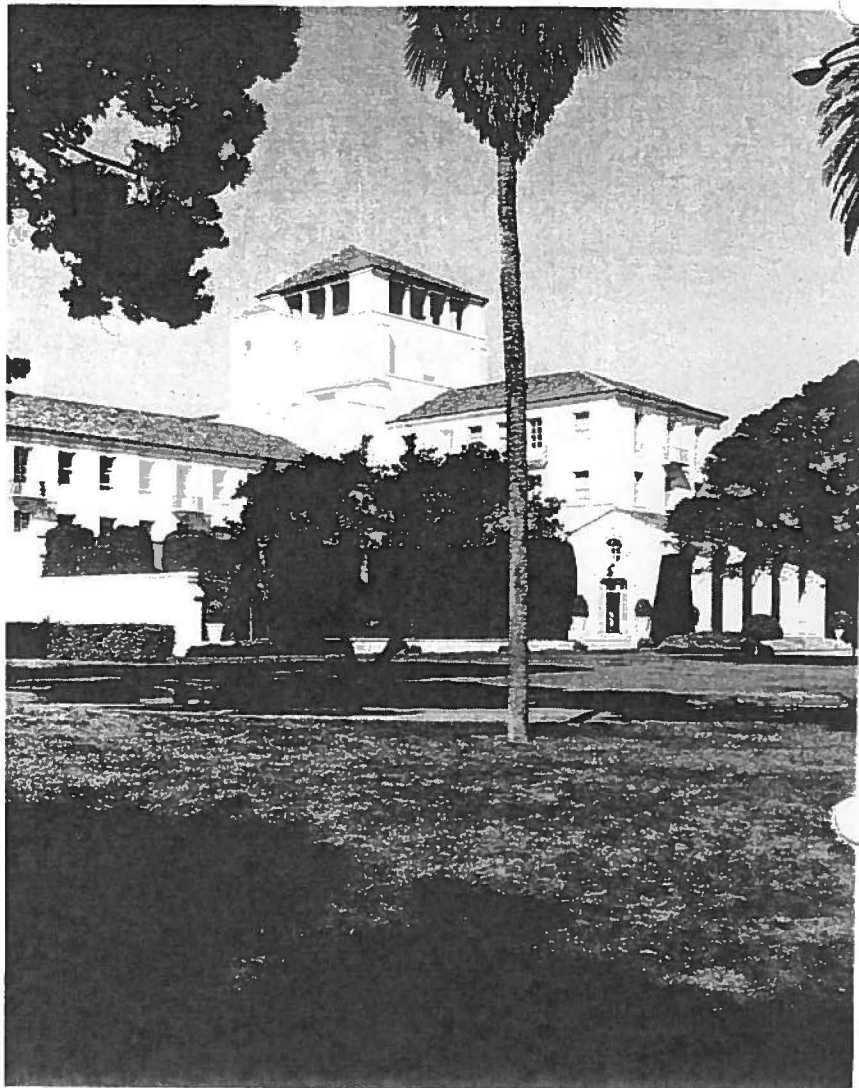
**Dean of Management and Security Studies
DR. JAMES S. BLANDIN**

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



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 CONRAD C. LAUTENBACHER, JR.
Commander Third Fleet

A native of Philadelphia, Pennsylvania, and a graduate of the U.S. Naval Academy (Class of '64), Vice Admiral Lautenbacher has served in a broad range of operational, staff, and command billets.

Operational tours include Division Officer in USS WASP (CVS-18), and USS HENRY B. WILSON (DDG-7), a second tour on USS HENRY B. WILSON (DDG-7) as Department Head, and Executive Officer of USS BENJAMIN STODDERT (DDG-22). Areas of expertise include Antisubmarine Warfare, Anti-Air Warfare, and Naval Surface Fire Support, with experience gained during a number of deployments to the Western Pacific and Southeast Asia during the Vietnam War.

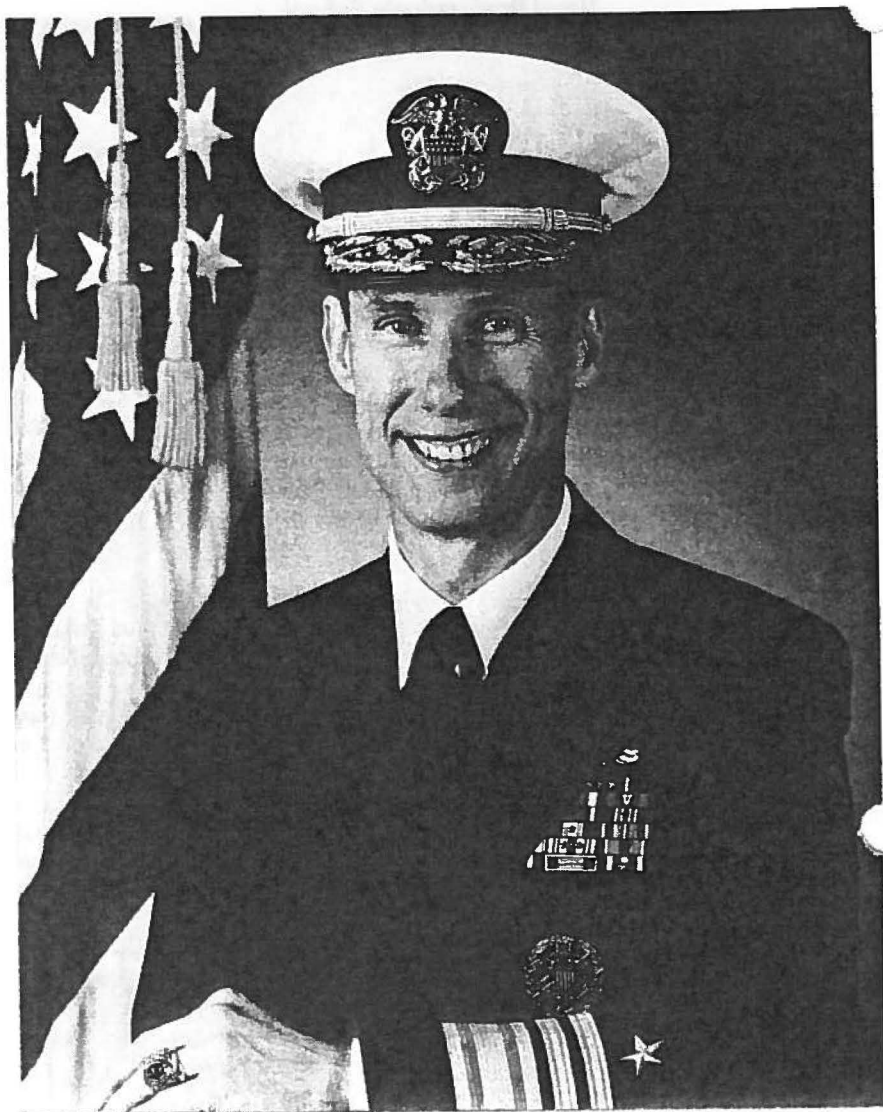
Staff duties include significant education and assignments in resource analysis and management. A proven subspecialist in Operations Analysis, Vice Admiral Lautenbacher attended Harvard University receiving M.S. and Ph.D. degrees in Applied Mathematics. He was selected as Navy Federal Executive Fellow and served at the Brookings Institute. Experience includes tours as systems analyst with both the Office of the Assistant Secretary of Defense (Systems Analysis) and the Chief of Naval Operations Staff, and again on the Chief of Naval Operations Staff as the chief developer of the Navy Program Objectives Memorandum.

As a flag officer he served as Deputy Chief of Staff for Management/Inspector General on the staff of Commander in Chief, U.S. Pacific Fleet; Director for Force Structure, Resources, and Assessment (J-8) on the Joint Staff, where he contributed to the development of the Base Force and Bottom Up Review; and Special Assistant to the Assistant Secretary of the Navy (Financial Management).

Other staff assignments include Assistant for Strategy with the CNO Executive Panel; Flag Lieutenant to the Commander in Chief, U.S. Naval Forces Europe; and Personal Aide to the VCNO.

Command experience includes tours as Commanding Officer of USS HEWITT (DD-966), where he participated in operations in the Western Pacific, Indian Ocean and North Arabian Sea, and as Commander Naval Station, Norfolk, the Navy's largest naval station. While in command of Cruiser-Destroyer Group FIVE, he deployed to Saudi Arabia with additional duties as Commander, U.S. Naval Forces Central Command, Riyadh during Operations Desert Shield and Desert Storm. Functioning as the deputy Naval Component Commander, he was in charge of daily operational planning for Navy participation in the air war and was the naval representative to the Commander in Chief, Central Command. Currently, Vice Admiral Lautenbacher is Commander, THIRD Fleet, responsible for defense of the western sea approaches to the United States and for the training and readiness of Pacific Fleet deploying forces stationed on the west coast preparing to deploy to the Western Pacific and Indian Oceans.

Vice Admiral Lautenbacher has been awarded the Defense Distinguished Service Medal, the Legion of Merit (four awards), the Meritorious Service Medal (three awards), the Navy Commendation Medal, the Navy Achievement Medal (two awards), the Navy Unit Commendation, the Meritorious Unit Commendation (two awards), and the Combat Action Ribbon. Vice Admiral Lautenbacher is married to the former Susan Elizabeth Scheihing of Philadelphia. They have two married children: Elizabeth, a lawyer in the San Francisco Bay area; and John, a graduate student at UNC, Chapel Hill.





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)

Lieutenant Commander Jeffrey Rhodes
USN, CHC
 Senior Protestant Chaplain
 Naval Postgraduate School

Colonel Leonard G. Hernandez
USMC
 Commanding Officer
 23rd Marines
 San Bruno

Captain Paul J. Bibeau
USCG
 Chief of Future Operations Branch
 Coast Guard Island
 Alameda

Colonel Eugene F. Beauvais
USAF
 Assistant Commandant
 Defense Language Institute
 Monterey

Colonel Ila Mettee-McCutcheon
USA
 Garrison Commander
 Presidio of Monterey
 Monterey

Vice Admiral Conrad Lautenbacher, Jr.
USN
 Commander Third Fleet
 San Diego

Rear Admiral Marsha J. Evans
USN
 Superintendent
 Naval Postgraduate School

Rear Admiral Michael W. Cramer
USN
 Director of Naval Intelligence
 Washington D.C.

Dr. Richard S. Elster
 Provost
 Naval Postgraduate School

Mr. Dan Albert
 Mayor of the City of Monterey

Commander Paul M. Hoffman
U.S. Navy (Ret)
 President, Monterey Peninsula Council
 Navy League

Lieutenant Colonel A. K. Zakby
U.S. Army (Ret)
 Chairman, Kiwanis
 International Relations Committee

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

Dr. Daniel Collins
 Department of Aeronautical and
 Astronautical Engineering

Dr. Ted Lewis
 Department of Computer Science

Dr. Chuck Wash
 Department of Meteorology

Dr. Robert Bourke
 Department of Oceanography

Dr. Terry R. McNelley
 Department of Mechanical Engineering

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

Dr. Nancy Roberts
 Department of Systems Management

Dr. Anthony Atchley
 Department of Physics

Dr. James Eagle
 Undersea Warfare Academic Group

Dr. Fred Levien
 Information Warfare Academic Group

Dr. Rudolph Panholzer
 Space Systems Academic Group

**THURSDAY - SEPTEMBER 26, 1996
 PROGRAM**

Processional **The Marshalls**

Professor Milton Bank **Marshall**

Professor Steven Baker **Marshall**

Professor David D. Cleary **Marshall**

Lieutenant Commander Carolyn L. Greife **Marshall**

Invocation **Lieutenant Commander Jeffrey E. Rhodes**

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

Address to Graduates **Vice Admiral Conrad C. Lautenbacher, Jr.
 Commander, Third Fleet**

Presentation of Awards **Provost**

Presentation of Candidates **Department Chairman**

Announcement of Degrees **Provost**

Benediction* **Lieutenant Commander Jeffrey E. Rhodes**

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 - LT Kevin McNear, 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, 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 Mary Batteer

Meteorology and Physical Oceanography - Professor Williams/Professor Batteer

Operational Oceanography - Professor C. S. Chiu

Undersea/Space/Information Warfare

Curricular Officer - CDR Robert J. Young, USN

Academic Associates

Antisubmarine Warfare - Professor James Sanders

Information Warfare - Professor David Jenn

Information Warfare - Professor Carl 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 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 - 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 Douglas D. Grau, USN

Academic Associates

Operations Analysis - Professor Glenn Lindsay

Operational Logistics - Professor David Schradly

Advanced Science (Applied Math) - Professor Chris Frenzen

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

Director, Civilian Institutions Programs - LT Sheryl Tannahill, USN

SEPTEMBER 1996
GRADUATION AWARDS

**Monterey Council Navy League Award for Highest Academic Achievement -
Capt Richard E. Leino, USMC**

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 Patrick Frances Frakes, 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 - CAPT Yeu, Eng-Kiong, Singapore 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 Marion Wilson Daniel, 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 James C. Cummiskey, 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 impact on the Naval Postgraduate School.

**Armed Forces Communications and Electronics Association Award -
LT Carl Andrew Lahti, USN and LT Jeffrey A. Margraf, 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 - Capt Matthew T. Sampson, USMC**

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 Mark P. Businger, 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 Kevin P. Brown, USA**

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

**Space and Naval Warfare Systems Command Award in Electronic Systems
Engineering - Capt Richard Eric Leino, USMC**

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

**Naval Sea Systems Command Award for Excellence in Combat Systems -
LT Daniel Arthur Britton, USN**

Presented in recognition of distinguished scholastic achievement in Combat Systems Engineering. Selection is based on academic achievement, research excellence, and leadership potential.

**Chief of Naval Operations Electronic Warfare Award -
LT Dave deCamara, 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 Michael R. Dargel, 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.

**Naval Sea Systems Command Award in Naval/Mechanical Engineering -
LT John V. Tolliver, USN**

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.

**Rear Admiral Grace Murray Hopper Computer Science Award -
LT Duane Thomas Davis, USN**

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.

United States Naval Institute Award - LT Matthew E. Woods, 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.

Space Systems Operations Award for Academic Excellence - Capt Brian H. Collins, USMC and LCDR Linda M. Hunter, 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 extracurricular activities.

Monterey Kiwanis Club Outstanding Foreign Student Award - LTC Chung-Yi Chen, Taiwan Army and LCDR Eser Cimenderoglu, 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.

Rear Admiral Grace Murray Hopper Information Technology Management Award - LT Danny E. Turner, 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.

Systems Management Faculty Award for Excellence in Management - LT Mario Mifsud, 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.

Naval Intelligence Foundation Award for Outstanding Performance in the Field of Intelligence - LT Mark R. Elliott, USN
Presented annually to an officer graduate in any curriculum who has advanced the awareness and knowledge of the Naval Intelligence community through the professional, academic, and community achievement.

★ - Denotes students who are presented in absentia.

THE GRADUATES

DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING
LTC Khaled Ali Shehata, Egyptian Air Force

DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING
Mr. David Bryan Marco, Naval Postgraduate School

DOCTOR OF PHILOSOPHY IN AERONAUTICAL ENGINEERING
LTC Mostafa Adnan Ahmed El-Shafei, Egyptian Air Force

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE
COL Osman Mohamed Ibrahim, Egyptian Air Force
COL Mahmoud Abd El-Hamid Wahdan, Egyptian Army

DOCTOR OF PHILOSOPHY IN METEOROLOGY
LCDR Michael D. Foster, USN

DOCTOR OF PHILOSOPHY IN PHYSICAL OCEANOGRAPHY
LCDR Emil T. Petrucio, USN

ELECTRICAL ENGINEER
LT Carl Andrew Lahti, USN

MECHANICAL ENGINEER
LT John Vincent Tolliver, USN (With Distinction)

AERONAUTICAL AND ASTRONAUTICAL ENGINEER
LCDR Dennis Charles Mikeska, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

★ Capt Kenneth E. Canterbury, USAF
Capt Richard Dabrowski, USAF
★ Capt Gay M. Hanson, USAF
★ Capt Charles P. Lee, USAF
CPT Daniel S. Larson, USA
CPT Brett Tashiro, USA
MAJ Anthony D. Taylor, USA
LT Darryl C. Adams, USN
LT Marion Wilson Daniel, USN
LT Mark R. Elliott, USN (With Distinction)
LT Claro W. Villareal, USN
LT Matthew E. Woods, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Capt Richard Eric Leino, USMC (With Distinction)

★ CPT Abdulla Mufarrah Abdulla, Bahrain Army

CPT Duane E. Amsler, Jr., USA

CPT David Mitchell Thomas, USA

LTJG F. Nadir Altımsıdort, Turkish Navy

LTJG Altay Camıgüney, Turkish Navy

LT Curtis J. Goodnight, USN

LT Hugh Joseph Huck III, USN

LT Stanley Keeve, Jr., USN

LT Carl Andrew Lahti, USN

LCDR Alan Paul Pietruszewski, USN

LT Patrick Walter Smith, USN

LT Kellog C. Sharp, USN

CPT Yeu Eng Kiong, Singapore Navy (With Distinction)

Mr. James Anthony Horning, Naval Postgraduate School

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LT Jerry Dewane Ray II, USCG

LTCOL Yue, Jiannwoei, Taiwan Army

LT Eric John Anderson, USN

LT Joseph Emerson Bell, USN

LT Kevin Patrick Boyle, USN

LT Mark Bridenstine, USN (With Distinction)

LTJG A. Kaan Çelikel, Turkish Navy

LCDR Mary Elizabeth Gwin, USN

LT James H. Lee, USN

LT Todd Alphonso Lewis, USN

LT Leonard Divinagracia Santiago, Jr., USN

LT Carl Frederic Thiele, USN

LT John Vincent Tolliver, USN (With Distinction)

Mr. Stuart H. Young, Army Research Laboratory

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

LCDR David O. Bauer, USN

LT William F. Beaver, Jr., USN

LCDR Robert Edward Conway, USN (With Distinction)

LT Charles W. Gill, USN (With Distinction)

LT Michael Hiro Guerrero, USN

LT Scott Michael Herzog, USN

LT Andrew Mel Kenny, Jr., USN

LT Kevin Joseph Quinn, USN

LT Michael Timothy Scarry, USN

CDR David Robert Wagner, USN

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

LT Michael R. Fisher, USN

LCDR Timothy G. Lane, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LCDR David A. Collins, United Kingdom Navy

LT Nathan Lee Edmons, USN

★ Ms. Marla D. Stone, Naval Postgraduate School (With Distinction)

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

Capt F. Michael Asmus, USMC (With Distinction)

Capt Jeffrey E. Forte, USMC

Maj Glenn E. Gearhard, USMC

Maj Tracy R. Hague, USMC

Capt James C. King, USMC

Maj Lauren R. Mihlon, USMC

Maj William P. Mizerak, USMC

Maj David G. Petitt, USMC

Capt Michael E. Tiddy, USMC

★ Capt David S. West, USMC

LTJG Joseph E. Staier, USCG

LT Albert A. Brady, USN

LT Robert A. Cameron, USN

LT Michael P. Casey, USN

LTJG Önder Celebi, Turkish Navy

★ LT Robert J. Cepek, USN

LT Michael D. Chalfant, USN

LT Scott H. Chaney, USN

LT Robert P. Cooke, USN

LCDR Dale M. Courtney, USN

LT Ronald M. Dennis, USN

★ LT Steven H. Earley, USN

LT David K. Flick, USN

LCDR Roy J. Geberth, USN

LT Charles R. Gillum, USN

LT Steven M. Graves, USN

LT Lee A. Heaton, USN

LT David L. Jacobson, USN (With Distinction)

LT Shawn D. James, USN
LT Shirl D. Johnson, USN
LT Dabney R. Kern, USN
LT William P. Kopper, USN
LT Debra A. Lankhorst, USN
LCDR Thomas J. Leonard, USN
LT Julie A. Lucas, USN
LT Marianna B. Magno, USN
LT Jeffrey A. Margraf, USN (With Distinction)
LT Shenae Y. Daniels Morrow, USN
LT Vera Parker, USN
LCDR Kathryn M. Ring, USN
LCDR Charles A. Romano, USN
LT Danelle T. Sadoski, USN
LT Mark F. Sauer, USN
LCDR Kenan J. Shaffer, USN
LT Timothy J. Smith, USN
LT John W. Sprague, USN
LT Jon R. Stueve, USN
LCDR Bruce A. Tompkins, USN
LT Kevin L. Trovini, USN
★ LT Danny E. Turner, USN (With Distinction)
★ MAJ Ta Hsing, Taiwan Marine Corps

MASTER OF SCIENCE IN MANAGEMENT

LCDR Walter A. Grauer, USN
LT Keri A. Grohs, USN
CDR Indarto Iskandar, Indonesian Navy
LT Christopher C. Kirkham, USN (With Distinction)
LT Martin D. McCue, USN
LT Mario Mifsud, USN (With Distinction)
LT Lance R. Theby, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

Capt Lloyd John Biggs, USMC (With Distinction)
Maj James Charles Cumiskey, USMC
Capt Edward Michael DeVilliers, USMC
Capt Jeffrey E. Forte, USMC
Maj Frank Free III, USMC
Maj George Steven Whitbeck, USMC

LCDR David Stuart Angrisani, USN
★ LT Jaime Borrego, USN
LT Duane Thomas Davis, USN (With Distinction)
LCDR Evan Edwards, USN
LT Renell D. Edwards, USN
LTJG Ridvan Erdoğan, Turkish Navy
LT William Frey III, USN
CDR Mark John Gonzalez, USN
LT Dennis Michael Irwin, USN (With Distinction)
LCDR Brian Keith Jones, USN
LCDR Robert Lawrence Marlett, USN
LTJG Tufan Oruk, Turkish Navy
LTJG Mustafa Özgen, Turkish Navy
LTJG Murat T. Tamer, Turkish Navy
LCDR Timothy J. Werre, USNR
Miss Kyongsuk P. Pace, FNMOC

MASTER OF SCIENCE IN APPLIED MATHEMATICS

Col Mahmoud Abd El-Hamid Wahdan, Egyptian Army
CAPT Steven A. Lovaszy, Australian Army
LCDR Linda M. Hunter, USN

MASTER OF SCIENCE IN APPLIED PHYSICS

LT Chad Francis Acey, USN
★ LT Gary G. Bishop, USN
LT Daniel A. Britton, USN
LCDR Olli Terho, Finnish Navy
(Certificate of Completion only)

MASTER OF SCIENCE IN ENGINEERING SCIENCE (ASTRONAUTICS)

LCDR Kern K. Lunde, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT Michael R. Dargel, USN
★ LT Enrique Garcia, USN
LT James Ernest Schmidt, USN

MASTER OF SCIENCE IN OPERATIONS RESEARCH

Maj Mark J. Cwick, USMC
Capt Edward T. DeWald, USMC
Capt Kerry T. Gordon, USMC
Maj Scott J. Mack, USMC
Capt Matthew T. Sampson, USMC

Capt Robert J. Schaffer III, USMC
 Capt Theodore M. Strycharz, USMC
 ★ CPT Kevin Brown, USA
 CPT Douglas A. Carr, USA
 MAJ Michael T. L. Chua, Singapore Army (With Distinction)
 CPT Herbert Goette, German Army
 CAPT Steven A. Lovaszy, Australian Army (With Distinction)
 CPT Thomas J. Nigro, USA
 CPT Jeffrey L. Tally, USA
 CPT John L. Thurman, USA
 LCDR Gregorio Ameyugo, Spanish Navy (With Distinction)
 LT George T. Arthur, USN
 LT Ronald S. Bush, USN
 LT Mark P. Businger, USN (With Distinction)
 LT Arthur E. Cimiluca, Jr., USN
 LT Richard D. Feustel, USN
 LT Joseph W Huffaker, USN
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 CDR Stephen M. Olechnowicz, USN
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 LT Cesar Recalde, Argentine Navy
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 LTJG Ayhan Özgür Toy, Turkish Navy (With Distinction)
 LT Mark A. Vandzura, USN
 LCDR Michael D. Walls, USN
 LT Harold T. Workman, USN
 Mr. Masaaki Kunigami, Japan Maritime Self Defense Force

MASTER OF SCIENCE IN SYSTEMS ENGINEERING

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 CPT Park, Byeong-Jun, Korean Army
 CPT Charles Joffery Watson, USA
 MAJ Cheng, Ming-Jen, Taiwan Air Force
 LT George Langstroth Cowan, USN
 LT David A. deCamara, USN (With Distinction)
 LT James R. Garner, USN
 LCDR Stephen P. Heineman, USN
 LT Thomas Albert Kubista, USN
 LCDR Eugene Poblete Potente, USN
 LT Timothy G. Rohrer, USN
 LTC Chen Chung-Yi, Taiwan Army (With Distinction)
 LCDR Ricardo Rangel Ferreira, Brazilian Navy
 LTJG Uğurcan Samli, Turkish Navy
 LCDR Tan, Tun-Hou, Taiwan Navy
 LCDR Victor A. Micheli Carrizo, Venezuelan Navy

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

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 Maj Michael V. McDonald, USMC
 Capt Brian Harris Collins, USMC (With Distinction)
 CPT Patrick Francis Frakes, USA (With Distinction)
 LT Steven M. Arvanitas, USN
 ★ CDR Rustie L. Hibbard, USN
 LT John M. Hood, USN
 LCDR Linda M. Hunter, USN (With Distinction)
 LT Sandra Marie Jamshidi, USN
 LT Joseph Raymond Orechovesky, Jr., USN
 LCDR Steven A. Padget, USN
 CDR David Scott Petri, USN
 LT William Robertson Poppert, USN
 LT Richard Earl Scott, USN
 LCDR Peter Joseph Stoll, USN

★ - Denotes students who are presented in absentia.

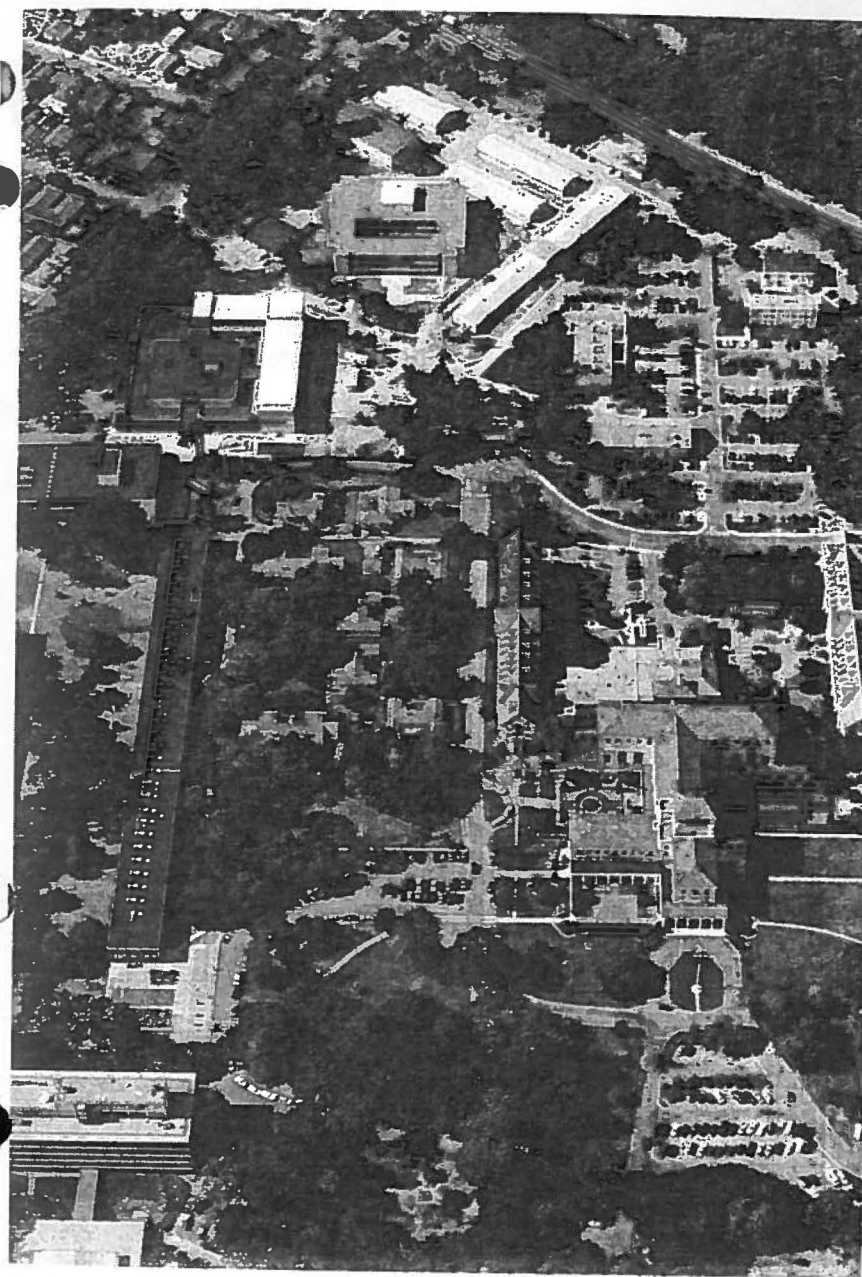
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(* Denotes Advised multiple Thesis



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 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 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

