



2000-12

Naval Postgraduate School Graduation Exercises / Class of December 2000

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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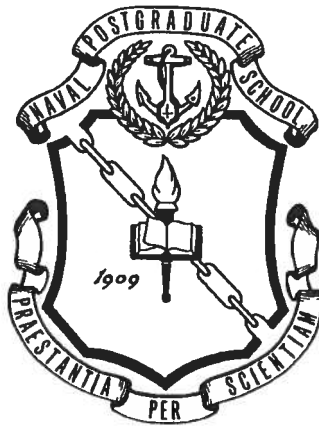


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NAVAL POSTGRADUATE SCHOOL



Graduation Exercises

*10:30 a.m.
Friday
December 15, 2000*

**NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION**

**Superintendent
REAR ADMIRAL DAVID R. ELLISON**

**Provost
DR. RICHARD S. ELSTER**

**Dean of Students and Director of Programs
CAPT RANDALL J. HESS, USN**

**Dean of Computer and Information Sciences and Operations
DR. DAN BOGER**

**Dean of Science and Engineering
DR. RUDY PANHOLZER**

**Dean of Operational and Policy Sciences
DR. PETER PURDUE**

**Dean of Research
DR. DAVID NETZER**



**Vice Admiral Patricia Ann Tracey
Deputy Assistant Secretary of Defense
(Military Personnel Policy)**

Vice Admiral Patricia A. Tracey is Deputy Assistant Secretary of Defense (Military Personnel Policy), Washington D.C. She is responsible for the establishment of all policies concerning military personnel matters including accessions and retention programs; compensation and benefits; and policies governing classification, assignment, and career development for 1.4 million service members of the Department of Defense.

Admiral Tracey, a native of the Bronx, New York completed Women Officers School and was commissioned as an Ensign in 1970, following graduation from the College of New Rochelle with a Bachelor of Arts degree in Mathematics. She also holds a Master's degree, with distinction, in Operations Research from the Naval Postgraduate School. Her initial assignment was to the Naval Space Surveillance System in Dahlgren, Virginia, where she qualified as a Command Center Officer and Orbital Analyst.

Following a tour of the staff of the Commander in Chief of the Pacific Fleet, she served at the Bureau of Naval Personnel as the Placement Officer for graduate education and service college students.

From 1980 to 1982, Admiral Tracey served as an extended planning analyst in the Systems Analysis division on the Chief of Naval Operations' staff. She served as Executive Officer of the Naval Recruiting District in Buffalo, New York, until 1984, where she was assigned as a manpower and personnel analyst in the Program Appraisal Division of the Chief of Naval Operations' staff.

Admiral Tracey commanded the Naval Technical Training Center at Treasure Island from 1986 to 1988. She headed the Enlisted Plans and Community Management Branch on the Chief of Naval Personnel's staff for 2 years. She assumed command of Naval Station Long Beach, California, in 1990. Upon completion of her command tour, Admiral Tracey reported as a Fellow with the Chief of Naval Operations' Strategic Studies Group at the Naval War College. Admiral Tracey was assigned as the Director of Manpower and Personnel, J-1, on the Joint Staff from July 1993 to June 1995. From June 1995 to June 1996 she served as Commander, Naval Training Center, Great Lakes. She was the Chief of Naval Education and Training, and Director of Naval Training for the Chief of Naval Operations from 10 July 1996 to 8 December 1998.

The Admiral's personal decorations include; the Defense Distinguished Service Medal, Navy Distinguished Service Medal, three Legion of Merit awards, and three Meritorious Service Medals.

**Rear Admiral David R. Ellison
Superintendent
Naval Postgraduate School**



Rear Admiral Ellison hails from Weymouth, Massachusetts. After graduation from Weymouth High School in 1965, he participated in the Reserve Officer Candidate program while attending the Boston University College of Engineering. In 1966, he entered the U.S. Naval Academy and graduated in 1970 with a Bachelor of Science degree and a Commission as Ensign in the U.S. Navy. Rear Admiral Ellison's Navy operational, educational and staff experiences are extensive.

Rear Admiral Ellison has completed nine operational sea tours with five of seven deployments in crisis related operations. He was Combat Systems Officer in USS Virginia (CGN 38) during the Iranian Hostage Crisis in the early Eighties. During Cold War tensions with the Soviet Union, he operated in the Mediterranean as Executive Officer in USS VOGE (FF-1047). As Commanding Officer in USS KIDD (DDG-993), he deployed to the Arabian Gulf in Desert Shield/Desert Storm. Serving as Assistant Chief of Staff for Operations and Plans on the staff of Commander, Cruiser Destroyer Group Eight, and as Commanding Officer in USS YORKTOWN (CG-48), he operated in the Mediterranean supporting Joint/Coalition efforts during Adriatic Hostilities. Upon selection to Flag rank in 1997, he was assigned as Commander, South Atlantic Force, where he commanded Task Force 138 until December 1998. Rear Admiral Ellison assumed duties as Commander, Western Hemisphere Group in March 1999.

Rear Admiral Ellison's educational experiences are diverse. From 1973-1976, he served as an Assistant Professor at the U.S. Naval Academy and earned a Master of Science degree at the George Washington University. In 1984, he completed a Ph.D. in Business Administration at the Pennsylvania State University. After completing the Senior Officials in National Security program at Harvard University in 1990, he was assigned to the staff of the Chief of Naval Operations (CNO) Executive Panel. During the 1995-1996 academic year, he was a Fellow on the CNO Strategic Studies Group at the Naval War College.

Rear Admiral Ellison's Joint and Washington staff assignments are varied. He has had tours as: Manpower, Personnel, Training Analyst on the staff of the CNO (N81); Senior Military Assistant to the Assistant Secretary of Defense (Force Management and Personnel); Land Attack Warfare Branch Head on the staff of the CNO's Director, Surface Warfare (N86); and Executive Assistant to the Vice Chief of Naval Operations.

Rear Admiral Ellison's personal awards include: the Defense Superior Service Medal, the Legion of Merit (three awards), the Bronze Star w/Combat "V", the Meritorious Service Medal (three awards), the Navy Commendation Medal, the Navy Achievement Medal, and the Coast Guard Achievement Medal. In addition to these personal awards, Rear Admiral Ellison has earned several service awards, including the Combat Action Ribbon.

Rear Admiral Ellison is married to the former Leslie Hazel DiGravio, also of Weymouth, Massachusetts. They have three children: Christian, Kyle, and Kari.



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 Industrial Organizational Psychology.

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.

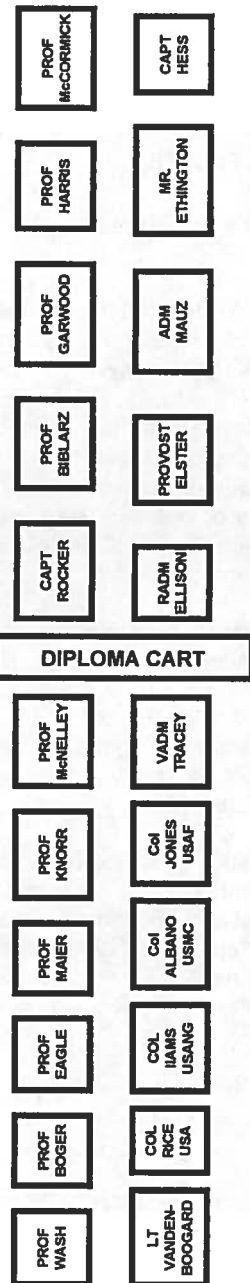
On 1 October 1979, he was promoted to Professor in the Department of Administrative Sciences at the Naval Postgraduate School. In July of 1983, he became Chairman of the Department of Administrative Sciences.

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 by the Secretary of the Navy. He was appointed to a second five-year term in July of 2000.

SECOND ROW - DEPARTMENT HEADS

OR REPRESENTATIVES



PROVOST

GUEST SPEAKER

Awards Table

DEAN OF STUDENTS

RUNNER



FRONT OF STAGE

PLATFORM PARTY

FIRST ROW (Left to Right)

- Lieutenant Steven VandenBoogard**
USN, CHC
Catholic Chaplain
Naval Postgraduate School
- Colonel Kevin M. Rice**
USA
Commandant/Installation Commander
Defense Language Institute
Foreign Language Center
- Colonel Lee Iiams**
USANG
Director, National Bureau for
International Affairs
Arlington, VA
- Colonel Michael C. Albano**
USMC
Commanding Officer
MCTSSA
MCB Camp Pendleton, CA
- Colonel Johnny Jones**
USAF
Assistant Commandant
Defense Language Institute
- Vice Admiral Patricia Ann Tracey**
USN
Deputy Assistant Secretary of Defense
(Military Personnel Policy)
Washington D.C.
- Rear Admiral David R. Ellison**
USN
Superintendent
Naval Postgraduate School
- Dr. Richard S. Elster**
Provost
Naval Postgraduate School
- Admiral Henry H. Mauz, Jr., USN (Ret)**
President, Naval Postgraduate School
Foundation
- Mr. Thomas Ethington**
President, Monterey Peninsula Council
Navy League

Captain Randall J. Hess
USN
Dean of Students and
Director of Programs
Naval Postgraduate School

SECOND ROW (Left to Right)

- Dr. Chuck Wash**
Department of Meteorology
- Dr. Dan C. Boger**
Joint C-3 Academic Group, Information and
Special Operations Curriculum
- Dr. James Eagle**
Department of Operations Research
- Dr. William Maier**
Department of Physics
- Dr. Jeffrey Knorr**
Department of Electrical and
Computer Engineering
- Dr. Terry R. McNelley**
Department of Mechanical Engineering
- Captain Fredrick Rocker**
Department of National Security Affairs
- Dr. Oscar Biblarz**
Department of Aeronautical and
Astronautical Engineering
- Dr. Roland W. Garwood**
Department of Oceanography
- Dr. Reuben Harris**
Department of Systems Management
- Dr. Gordon McCormick**
Special Operations Academic Group

FRIDAY - DECEMBER 15, 2000
PROGRAM

Processional The Marshalls
Professor Alfred Cooper Grand Marshall
Associate Professor David Canright Marshall
Associate Professor William Gates Marshall
Lieutenant Colonel Dan Barber, USMC Marshal
*Invocation Lieutenant Steven VandenBoogard
Introduction of Speaker Rear Admiral David R. Ellison
Address to Graduates Vice Admiral Patricia Ann Tracey,
Deputy Assistant Secretary of Defense (Military Personnel Policy)
Presentation of Awards Provost
Presentation of Candidates Department Chairmen
Announcement of Degrees Provost
*Benediction Lieutenant Steven VandenBoogard
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 Stephen Staggs, USN

Assistant Curricular Officer - LT Madalyn Spivey, 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 Management for International Defense -

Professor Roger Evered

Material Logistics Support Management - Professor Don Eaton

Master of Science in Contract Management - Professor David Lamm

Master of Science in Program Management - Professor David Lamm

Financial Management - Professor Douglas Moses

Manpower Systems Analysis - Professor George Thomas

Leadership Education and Development - Professor Alice Crawford

Shore Installation Management - Professor Don Eaton

Aeronautical Engineering and Space Systems

Curricular Officer - CDR Joe Welch, USN

Academic Associates

Aeronautical Engineering - Professor Oscar Biblarz

Aeronautical Engineering Avionics - Professor Oscar Biblarz

Space Systems Operations - Professor Don Wadsworth

Space Systems Engineering - Professor Oscar Biblarz

Systems Engineering and Integration - Professor Bard Mansager

Meteorology, Oceanography and Undersea Warfare Programs

Curricular Officer - CDR Jim Hill, USN

Academic Associates

Meteorology - Professor Robert Haney

Oceanography - Professor Mary Batteen

Meteorology and Physical Oceanography - Professor Haney/Professor Batteen

Operational Oceanography - Professor Mary Batteen

Undersea Warfare - Professor James Sanders

Information and Electronic Warfare, and Special Operations

Curricular Officer - LCDR Steve Iatrou, USN

Academic Associates

Electronic Warfare - Professor David Jenn

Special Operations - Professor Gordon McCormick

Information Warfare - Professor Carl R. Jones

DECEMBER 2000
GRADUATION AWARDS

Computer and Information Programs

Curricular Officer - CDR (Sel) Chris Lapacik

Assistant Curricular Officer - LCDR Wes Spence

Academic Associates

Information Technology Management - Professor Carl R. Jones

Computer Science - Professor C. Thomas Wu

MOVES - Professor Rudy Darken

Information Systems and Operations - Professor Carl R. Jones

Software Engineering - Professor Luqi

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

Curricular Officer - LCDR Steve Iatrou, USN

Academic Associates

**Joint Command, Control, Communications, Computers, and Intelligence (C4I)
Systems - Professor Bill Kemple**

Intelligence Information Management - Professor Dan C. Boger

National Security Affairs and Intelligence

Curricular Officer - CDR Mike Giancatarino, USN

Academic Associates

Regional Security Studies - Professor Dan Moran

Regional Intelligence - Professor Dan Moran

Strategic Studies - Professor Dan Moran

International Security and Civil Military Relations - Professor Tom Bruneau

Engineering and Technology, Mechanical, Electrical and Combat Systems

Curricular Officer - CDR Tom McCoy, USN

Assistant Curricular Officer - LT Doug Gerrard, USN

Academic Associates

Naval/Mechanical Engineering - Professor Young Shin

Combat Systems - Professor James Sanders

Electrical Engineering

International and Non-Navy - Professor Douglas Fouts

Navy - Professor Monique Fargues

Operations Analysis

Curricular Officer - CDR Mike Giancatarino, USN

Academic Associates

Operations Analysis - Professor Rob Dell

Operational Logistics - Professor David Schradly

Advanced Science (Applied Math) - Professor Beny Neta

Deputy Director of Programs

CDR Michael McMaster

Deputy Dean of Students

LCDR Dave Flooden, USN

Assistant Dean of Students for International Affairs -

Col H. Gary Roser, USMC (Ret)

Director, Civilian Institutions Programs -

LCDR Kacy Ainsworth, USN

**Monterey Council Navy League Award for Highest Academic
Achievement - LCDR Joseph D. Noble, USN**

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

**Chief of Naval Operations Award for Excellence in Operations Research -
LCDR Joseph D. Noble, 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.

**Naval Postgraduate School Superior Service Award -
LT Sonja L. Stevenson, 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 Students - Capt Michael S. Burks, 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.

**Department of the Navy Award for Academic Excellence in Financial
Management - Capt Michael S. Burks, USMC**

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.

**Naval Postgraduate School Outstanding Academic Achievement Award
for Department of Defense Students - CPT Kraig E. Sheetz, 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 - LT Ricardo Kompatzki, Chilean 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.

Armed Forces Communications and Electronics Association Award - LtCol Kirk Anthony Shawhan, USMC

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

Military Operations Research Society Stephen A. Tisdale Graduate Research Award - LT Julia M. Lopez, USN

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

Space and Naval Warfare Systems Command Award in Electronic Systems Engineering - LCDR Ralph D. Lee, USN

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

Naval Sea Systems Command Award in Naval/Mechanical Engineering - LT Douglas L. Swisher, 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 Thomas R. McClellan Award for Academic Excellence in Systems Management - LCDR Jack N. Law, USN

Presented to a graduate of Systems Management based upon academic performance, professional commitment, and leadership potential.

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management - LCDR Jack N. Law, USN

Presented semi-annually to an outstanding Unrestricted Line (URL) officer in the Financial Management community who has demonstrated academic excellence, presented a financial management essay for publication, and exhibited the potential for outstanding leadership while attending the Naval Postgraduate School.

Naval Supply Systems Command Award for Academic Excellence in Systems Management - LCDR Terry M. Surdyke, 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, and contribution to the professional and civilian community and faculty recommendations.

Systems Management Faculty Award for Excellence in Management - Maj Lawrence S. Ryder, USMC

Presented to a graduating 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.

Rear Admiral Grace Murray Hopper Computer Science Award - Ms Evelyn Louise Bersack,

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 - ★Maj Richard E. Myrick, USMC

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.

The Space Systems Engineering Award for Academic Excellence - Capt William U. Gillespie, USAF

Presented annually at the June and December graduation to an outstanding Space Systems Engineering student. The award is made on the basis of the student's academic excellence, including thesis, and career potential.

American Society of Military Comptrollers Award for Excellence in Research - LCDR Peter E. Hanlon, USN

Presented semiannually to an outstanding graduate of the Financial Management curriculum. This award is based on the students contributions to the field of financial management through innovative research and thesis quality.

The Surface Navy Association's Award for Excellence In Surface Warfare Research - LT Phillip E. Malone, USN

The award is presented quarterly to a graduating student from any curriculum whose thesis topic and quality of supporting research demonstrate the greatest potential for contribution to the Surface Navy.

Air Force Association Award for Outstanding U.S. Air Force Student Maj Jess Dean Palmer, USAF

Presented quarterly to an outstanding U.S. Air Force student in any curriculum. This award sponsored by the Monterey Chapter of the California Air Force Association, is presented for outstanding service and is based on community service, leadership, military bearing, and academic achievement.

Assistant Secretary of the Navy (Research, Development, and Acquisition) Acquisition Excellence Award - LCDR James W. Melone, USN

Presented semiannually to a graduating USN, USMC, or DoN civilian student who has demonstrated academic, research, and professional excellence in the Acquisition and Contract Management, Systems Acquisition Management, Contract Management, or Program Management curricula.

FACULTY AWARDS

Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence in Scientific Research -
Assistant Professor Mark Nissen, Department of Systems Management
Presented annually to a Naval Postgraduate School faculty member who has exhibited outstanding research efforts in science and engineering.

Richard W. Hamming Teaching Award -
Professor Alice Crawford, Department of Systems Management
The Richard W. Hamming teaching award is an annual award presented to a member of the Naval Postgraduate School faculty who is recognized by students and faculty alike, for excellence in the classroom and for instructional leadership and innovation.

★ - Denotes students who are presented in absentia.

THE GRADUATES

DOCTOR OF PHILOSOPHY IN METEOROLOGY
Ms. Nancy L. Baker, Naval Research Lab
★CDR Peter M. Klein, USN

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE
Mr. Eric Robert Bachmann

DOCTOR OF PHILOSOPHY IN OPERATIONS RESEARCH
LTJG Mehmet Ayik, Turkish Navy

DOCTOR OF PHILOSOPHY IN PHYSICS
CDR Roger D. McGinnis, USN

ELECTRICAL ENGINEER
LT Dimitrios A. Koupatsiaris, Hellenic Navy

MECHANICAL ENGINEER
LT Philip E. Malone, USN
LT Douglas Lee Swisher, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS
MAJ Stacy A. Grams, USA
CPT Kim, Su Kwang, Republic of Korea Army
★Maj William R. Costantini, USMC
★Maj Jonathan C. Goff, USMC
Maj Michael S. Grogan, USMC (With Distinction)
Maj Michael W. Kelly, USMC
★Maj Todd W. Lyons, USMC (With Distinction)
★Maj Andrew J. Moyer, USMC
Maj Richard E. Myrick, USMC
Capt Matthew J. Valiquette, USMC
★Maj Thomas F. Walsh, USMC
★Maj James B. Zientek, USMC
★Capt Kurt H. Gaudette, USAF (With Distinction)
★Capt Christopher J. Ouellette, USAF
★Capt Rachel F. Rabeni, USAF
LT Hanifi Aydin, Turkish Navy
★LT Christopher Bergen, USN
★LT Joseph A. Ernst, USN

★LT Jeffrey J. Fogarty, USN
✦★LT Michael E. Hobaugh, USN
LT Kim, Ki Joo, Republic of Korea Navy
★LT Francisco Javier Martinez, USN
★LT Eric C. Mostoller, USN
LCDR Robert A. Newson, USN
★LT Patti J. Nichols, USN
★LT Timothy M. Sullivan, USN

**MASTER OF ARTS INTERNATIONAL SECURITY AND
CIVIL-MILITARY RELATIONS**

Maj Michael S. Grogan, USMC
CPT Eric M. Bleakney, USANG
CPT Lance E. Englet, USANG
MAJ Ralph F. Hedenberg, USANG

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

✦★Maj John R. Calvert, Jr., USMC
★★Capt David I Diersen, USMC
★Maj Todd R. Emo, USMC
LtCol Kirk Anthony Shawhan, USMC (With Distinction)
Capt Tyrone Patrick Theriot, USMC
✦Capt W. Urban Gillespie, USAF
LT Ilias Bolanis, Hellenic Navy
CDR Mitchell A. Free, USN
LT Damen O. Hofheinz, USN
LT Dimitrios A. Koupatsiaris, Hellenic Navy
LCDR Ralph D. Lee, Jr., USN
★Ms. Teresa A. Arber, National Security Agency
★Mr. Ray Grant, Jr., Kelly Air Force Base

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

★Mr. Robert W. Maloy, National Security Agency

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

✦LT Philip E. Malone, USN
LT Brian Andrew Metcalf, USN
LT Douglas Lee Swisher, USN

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

★LTJG Frederick L. Lentz, USN
★LTJG Thomas M. Stuhldreher, USN (With Distinction)
★LTJG Natasha A. Houldson, USN

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

Capt Brian Kelly Bailey, USAF
LT William Kevin Ham, USN
✦LT Christopher Michael Senenko, USN (With Distinction)

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

CPT Allen Horton Stephan, USA
LCDR Dean Howard Gossett, USN
✦★LT Raymond E. O'Hare, USN
✦★LT Gareth A. Rietz, USN

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

★LT William L. Sommer, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LCDR Christopher S. Moore, NOAA

MASTER OF SCIENCE IN OPERATIONS RESEARCH

1LT Ahmet Balcioglu, Turkish Army
1LT Mustafa Dönmez, Turkish Army
1LT Samettin Oremis, Turkish Army
1LT Faruk Yiğit, Turkish Army
LTJG Nihat Baran, Turkish Navy
LT Michael A. Corriere, USN (With Distinction)
LT Michael D. Johns, USNR
LT Michael S. Johnston, USN
LTJG Ahmet Cevdet Kaplan, Turkish Navy
✦LT Julia M. Lopez, USN
LT Charles W. McCaffrey, USN
✦LCDR Joseph D. Noble, USN (With Distinction)
LT Chase D. Patrick, USN
LCDR Tracy D. Whiteley, USN

MASTER OF SCIENCE IN MANAGEMENT

COL Cheikh Tidiane Diop, Senegal Army
CPT Daryl P. Harger, USA
★Maj Mary A. Augustitus, USMC
Capt Michael S. Burks, USMC (With Distinction)
Maj Steven J. Colcombe, USMC
Capt Eric M. Corcoran, USMC
★Maj Richard G. DeGuzman, USMC
★Maj Paul G. Mack, USMC
✦Capt Peter J. Mahoney, USMC

Capt Chester L. McMillon, USMC
 Capt Jeffrey W. Megargel, USMC
 Capt Placido C. Ordon, USMC
 Maj Lawrence S. Ryder, USMC (With Distinction)
 ★Maj Mark A. Thompson, USMC
 Capt Timothy B. Venable, USMC
 ★Maj Mark F. Walkner, USMC
 ★Capt Scott A. Westerfield, USMC
 Capt Ronald S. Wilson, USMC
 MAJ Khalifa Duajj Al-binali, Bahrain Air Force
 LTC Romeo Poquiz, Philippine Air Force
 LT Kristin Acquavella, USN
 LCDR Victor D. Blanco, USN
 LCDR James D. Blum, USN
 LCDR Nora A Burghardt, USN
 CDR Mauricio Casagrande, Brazilian Navy
 LT John M. Fryzlewicz, USN
 LT Jose Ernesto B. Gaviola, Philippine Navy
 LCDR Paul A. Godek, USN
 LT Mark R. Goodrich, USN (With Distinction)
 LCDR Peter E. Hanlon, USN
 LCDR James F. Hiles, USN
 LT Russell B. Hiser, USN
 LCDR Hsu, Shou Chang, Taiwan Navy
 LCDR Robert M. Jennings, USN
 LCDR David H. Kao, USN
 LCDR Jack N. Law, USN (With Distinction)
 LCDR Li, Tien-Cheng Joseph, Taiwan Navy
 LT Thomas A. Martucci, III, USN
 ✦★LCDR James W. Melone, USN
 LT Christopher T. Meyer, USN
 LCDR Sharon Louise Moser, USN
 LT Mark E. Nieto, USN
 ★LCDR Dexter Phillips, USN
 LCDR Mark A. Polca, USN
 LT Timothy R. Richardson, USN
 LCDR Bruce A. Roll, USN
 LCDR David D. Sanders, USN
 LCDR Richard J. Schlegel, USN
 LT Melissa M. Short, USN
 LT Sonja L. Stevenson, USN

LCDR Terry M. Surdyke, USN (With Distinction)
 LCDR Keith E. Sykes, USN
 LCDR Georgios Tsiakiris, Hellenic Navy
 ★LCDR Joseph M. Vitelli, USN
 ★LCDR Daniel C. Worra, USN
 ★LCDR Edward L. Zawislak, USN
 Mr. William E. Grandrath, Twentynine Palms (With Distinction)

BACHELOR OF SCIENCE IN MANAGEMENT

★LT David Allen Abernathy II, USN

MASTER OF SCIENCE IN PHYSICS

LT Victor A. Lake, USN
 LT Daniel S. Massey, USN
 LT Robert S. Thompson, USN

MASTER OF SCIENCE IN APPLIED PHYSICS

✦CPT Kraig E. Sheetz, USA (With Distinction)
 1LT Mehmet Yildirim, Turkish Army
 ★LT Carl William DeGrace, USN
 LCDR Hector Garcia, USN
 LT James Kevin Kalowsky, USN
 LT Stephen Robert Meade, USN
 LT Nathan S. York, USN
 LT Adamantios Christodoulou, Hellenic Navy
 LT Ricardo Kompatzki, Chilean Navy (With Distinction)
 LT Dimitrios Lampiris, Hellenic Navy

MASTER OF SCIENCE IN MATERIALS SCIENCE

LT Douglas Lee Swisher, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT Ha, Yonghoon, Republic of Korea Navy

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

LT Richard Scott Cote, USN
 ★LT Leroy William Harris, Jr., USN
 LCDR Douglas J. MacKinnon, USN
 LCDR Michael E. McCracken, USN
 ★LT Allisa Michele Walker, USN
 LT Tyrone L. Ward, USN

MASTER OF SCIENCE IN SOFTWARE ENGINEERING

LT Todd P. Ehrhardt, USN
 LT Matthew A. Lisowski, USN
 ★Ms. Donna L. Fortin, SPAWAR (with Distinction)
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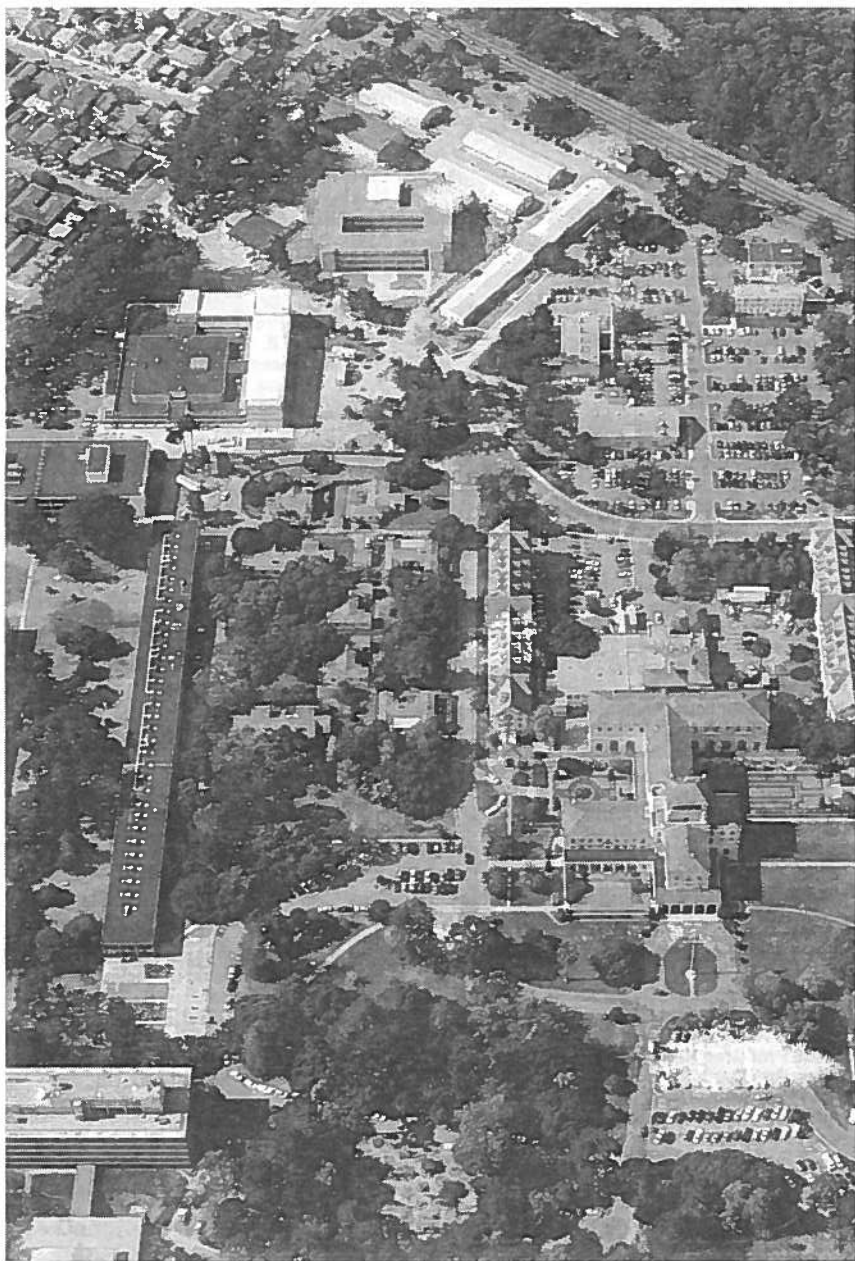
- ★ - Denotes students who are presented in absentia
- ‡ - Denotes recipients of The Outstanding Thesis Award
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(*) Denotes Advised multiple Thesis



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
Columbia University	Light Blue	White
Duke University.....	Royal Blue	White
Harvard University	Crimson	
Yale University	Blue	
University of Denver.....	Cardinal	



THE NAVAL POSTGRADUATE SCHOOL

The Naval Postgraduate School opened in Annapolis in 1909 and transferred to the Monterey Peninsula in 1952. Since its beginning, the School has conferred over 22,000 degrees. The typical student is an unrestricted line U.S. Naval Officer who has completed an operational tour. Students are engaged in intensive studies leading to a master's degree in one of 46 different curricula split between 11 academic departments and 7 academic groups. Each curriculum is tailored to provide the academic requirements for 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 1300 students now enrolled, about 70 percent are in the United States Navy and Marine Corps, 10 percent are from other United States services, and the remaining 20 percent are from allied countries. Many 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. Guests are invited to tour the school grounds and to visit historic Herrmann Hall.

