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1992-09

Naval Postgraduate School Graduation Exercises / Class of September 1992

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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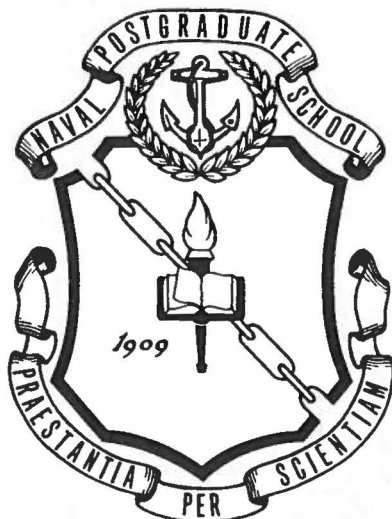
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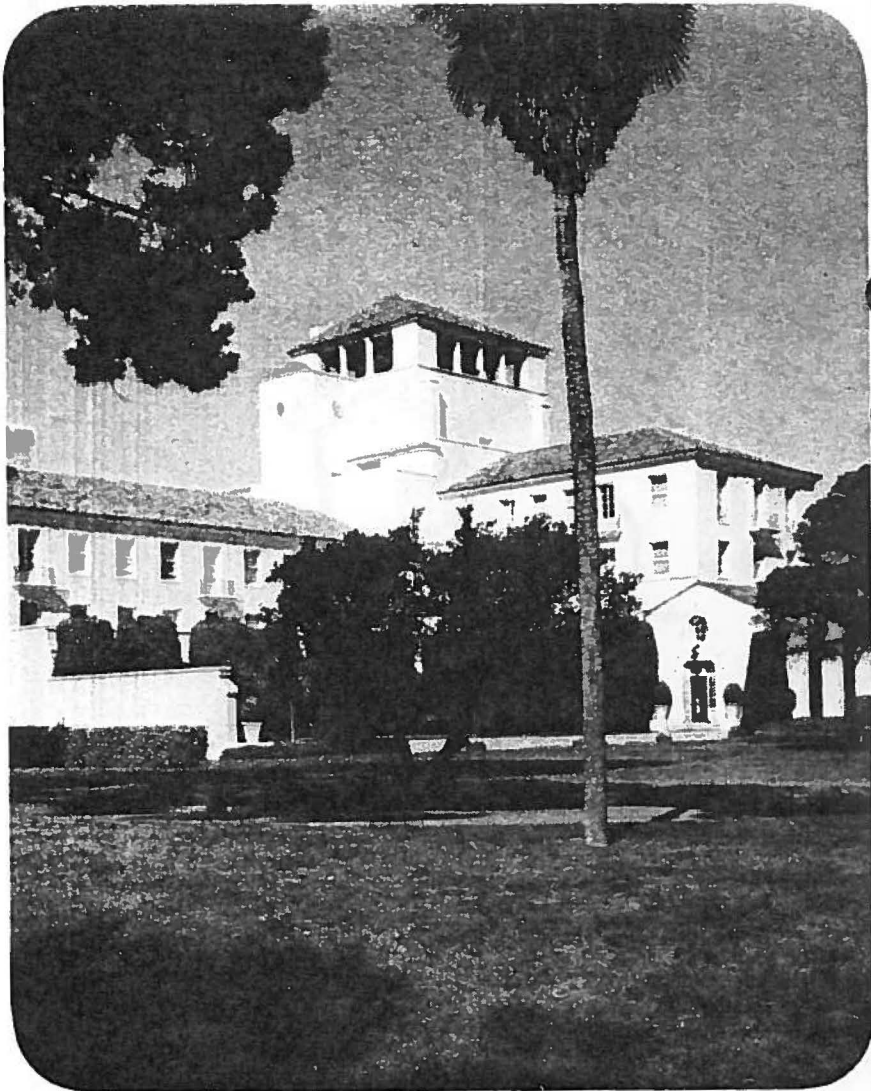
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NAVAL POSTGRADUATE SCHOOL



GRADUATION EXERCISES

1:30 P.M.
THURSDAY, 24 SEPTEMBER
1992



**NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION**

**Superintendent
RADM RALPH W. WEST, Jr., USN**

**Provost
DR. HARRISON SHULL**

**Dean of Students and Director of Programs
CAPTAIN ROSS D. BARKER, USN**

**Dean of Faculty
DR. GORDON E. SCHACHER**

**Dean of Computer and Information Services
MR. BARRY A. FREW**

**Dean of Instruction
DR. RICHARD S. ELSTER**

**Dean of Research
DR. PAUL MARTO**

**Director of Military Operations
CAPT ALBERT J. BEGBIE, USN**



REAR ADMIRAL RALPH W. WEST, Jr., USN
Superintendent
Naval Postgraduate School

Rear Admiral Ralph W. West, Jr., graduated from the United States Naval Academy in June 1958 and reported to the destroyer USS JONAS INGRAM (DD 938) for his first sea tour. After attending Submarine School and nuclear power training he served on submarines USS TULLIBEE (SSN 597), USS DANIEL WEBSTER (SSBN 626) and USS SKIPJACK (SSN 585). In June 1967, he reported to the staff of Submarine Squadron FOURTEEN at Holy Loch, Scotland for two years as Material Officer. He then served as Executive Officer of USS POGY (SSN 647) commissioning crew. He commanded USS GURNARD (SSN 662) from May 1973 until May 1976.

He subsequently served on the staff of Submarine Group FIVE in San Diego, California until July 1978 when he was assigned as Senior Member, Nuclear Propulsion Examining Board on the staff of Commander in Chief, U.S. Pacific Fleet.

He commanded Submarine Squadron FIFTEEN in Guam from June 1980 to June 1981. His next assignments were Assistant Chief of Staff for Logistics and then Chief of Staff of the Submarine Force, U.S. Pacific Fleet. After selection to Rear Admiral, he reported in May 1984 as Deputy Director for Operations, National Military Command Center, JCS. In June 1985, Rear Admiral West assumed command of Submarine Group FIVE in San Diego, California, and in January 1987, he was assigned additional duty as Commander, Submarine Force, U.S. Pacific Fleet. Rear Admiral West next served as Director for Pride, Professionalism and Personal Excellence for the Navy for two years. He assumed duties as Superintendent of the Naval Postgraduate School in July 1989.

Rear Admiral West has earned the following medals: Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit (fourth award), Meritorious Service Medal (third award), Navy Commendation Medal (second award), Navy Achievement Medal, and additional unit and service decorations.

Rear Admiral West is married to the former Katheryne Hale of Washington, DC. They have two children, Whitaker and Diana.



VADM DAVID M. BENNETT
COMMANDER NAVAL SURFACE FORCE, U.S. PACIFIC FLEET

Vice Admiral David M. Bennett was born in Urbana, Illinois on October 29, 1934. He graduated from the University of Illinois in 1956. He was commissioned Ensign in July 1958 upon completion of Officer Candidate School, Newport, Rhode Island.

Early sea tours included Electronics Material Officer, CIC Officer and Operations Officer in USS WILLARD KEITH (DD 775) and as Executive Officer in USS NOTABLE (MSO 460). In 1964 and 1965 he served as an advisor to the Vietnamese Coastal and Riverine Force in country.

Following a tour at the NROTC Unit, University of Nebraska he was assigned as Executive Officer, USS FURSE (DD 662) followed by a tour as Commanding Officer, USS TALBOT COUNTY (LST 1153). From 1970 to 1973 he served as Head, Surface Warfare Senior Officer Assignment Section, Bureau of Naval Personnel. Upon completion of his tour as Commanding Officer, USS JOSEPH STRAUSS (DDG 16) in September 1975 he returned to Washington, D.C. where he served in the Office of the Chief of Naval Operations; First as Head Surface Warfare Plans and Policy Branch and then as the Assistant for Manpower and Training in the Programming and Planning Division (OP-90). From June 1979 to April 1981 he was Executive Assistant to the Chief of Naval Personnel. He returned to sea in command of USS MOUNT WHITNEY (LCC 20) followed by Command of Amphibious Assault Ship USS SAIPAN (LHA 2). From September 1984 to February 1986 he served as Deputy Director, Military Personnel Policy Division (OP-13), Director, Surface Warfare Distribution and as Executive Assistant to the Chief of Naval Personnel.

Vice Admiral Bennett's flag officer assignments include Deputy to Commander, Naval Surface Force, U.S. Atlantic Fleet, with additional duties as Commander, Cruiser Destroyer Group EIGHT from April through August 1986, Commander, Amphibious Group TWO; and as Deputy Chief of Staff, Plans and Operations, Commander in Chief, U.S. Pacific Fleet.

On 15 December 1990, Vice Admiral Bennett assumed the position of Commander Naval Surface Force, U.S. Pacific Fleet.

Vice Admiral Bennett's awards include the Legion of Merit (four awards), Meritorious Service Medal (four awards), Air Medal and Navy Commendation Medal with Combat "V" (two awards).

Vice Admiral Bennett is married to the former Ann Shorter of Townsville, Australia. They have two children; Lisa and Christopher, who currently reside and work in the national capitol area.

THE PLATFORM PARTY

FIRST ROW (Left to Right)

Lieutenant William Brown
CHC, U.S. Navy
Protestant Chaplain
Naval Postgraduate School

Colonel John J. Foncannon
U.S. Air Force
Director of Operations
22nd Air Force (MAC)
Travis Air Force Base, California

Colonel Harry W. Peterson
U.S. Marine Corps
Commanding Officer
23rd Marine Regiment
San Rafael, California

Brigadier General Kenneth W. Simpson
U.S. Army
Assistant Division Commander (Support)
7th Infantry Division (Light)
Fort Ord, California

Rear Admiral Gerald F. Woolever
U.S. Coast Guard
Commander Maintenance and Logistics
Command, Pacific
Alameda, California

Vice Admiral David M. Bennett
U.S. Navy
Commander Naval Surface Force,
U.S. Pacific Fleet

Rear Admiral Ralph W. West, Jr.
U.S. Navy
Superintendent
Naval Postgraduate School

Dr. Harrison Shull
Provost
Naval Postgraduate School

The Honorable Dan Albert
Mayor of the City of Monterey

Commander C.L. Lambing
U.S. Navy (Retired)
President, Monterey Peninsula Council
Navy League of the United States

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

CAPT Linda G. Nevins
U.S. Navy
Head Manpower, Personell, Training and
Administration
Washington, D.C.

Captain Ross D. Barker
U.S. Navy
Dean of Students and Director of Programs
Naval Postgraduate School

SECOND ROW (Left to Right)

Dr. Rodney Minott
Department National Security Affairs

Dr. Daniel Collins
Department of Aeronautics and
Astronautics

Dr. Michael A. Morgan
Department of Electrical and Computer
Engineering

Dr. Mathew Kelleher
Department of Mechanical Engineering

Dr. Peter Purdue
Department of Operations Research

Dr. Shu Liao
Department of Administrative Sciences

Dr. R.B. McGhee
Department of Computer Science

Dr. Robert Haney
Department of Meteorology

Dr. Edward Thornton
Department of Oceanography

Dr. Jeffrey Knorr
Department of Electrical and Computer
Engineering

Dr. Karlheinz Whoeler
Department of Physics

Dr. James Eagle
ASW Academic Group

Dr. Rudolf Panholzer
Space Systems Operations
Academic Group

THE PROGRAM

ProcessionalThe Marshalls

Professor A.W.Cooper.....Grand Marshall

Professor Anthony Atchley.....Marshall

Professor Steven R. Baker.....Marshall

Lieutenant Colonel Don Summers, U.S. Marine Corps.....Marshall

National Anthem.....Navy Band San Francisco

Dvocation*.....Chaplain William Brown

Introduction of Speaker Rear Admiral Ralph W. West, Jr., Superintendent

Address to Graduates..... VADM David M. Bennett
Commander Naval Surface Force, U.S. Pacific Fleet

Presentation of Awards Provost

Presentation of Candidates..... Department Chairmen

Announcement of Degrees..... Provost

Benediction*.....Chaplain William Brown

Recessional*.....Navy Band San Francisco

Notes:

RADM West and Mrs. West cordially invite graduates, faculty and guests to a reception in honor of the graduates Barbara McNitt Ballroom of Herrmann Hall immediately following the ceremony.

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

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

CURRICULAR OFFICERS AND ACADEMIC ASSOCIATES

Administrative Sciences

Curricular Officer - CDR Dennis G. Allion, SC, USN

Academic Associates

Transportation Logistics Management - Professor Alan McMasters

Transportation Management - Professor Alan McMasters

Acquisition and Contract Management - Professor David Lamm

Management Sciences - Professor James Suchan (USMC, USCG, USA, CIV)
Professor Roger Evered (INTL)

Systems Inventory Management - Professor Alan McMasters

Material Logistics Support Management - Professor Alan McMasters

Financial Management - Professor James Fremgen

Manpower, Personnel and Training Analysis - Professor Mark Eitelberg

Aeronautical Engineering

Curricular Officer - CDR Wade Duym, USN

Academic Associates

Aeronautical Engineering - Professor Gerald Lindsey

Aeronautical Engineering Avionics - Professor Gerald Lindsey

Air-Ocean Sciences

Curricular Officer - CDR Timothy T. Cummings, USN

Academic Associates

Meteorology - Professor Roger T. Williams

Oceanography - Professor Roland W. Garwood

Operational Oceanography - Professor Robert Bourke

Antisubmarine Warfare/Electronic Warfare

Curricular Officer - Rick Erazo, USN

Academic Associates

Antisubmarine Warfare - Professor James Sanders

Electronic Warfare - Professor Jeff Knorr

Joint C3 and Space Systems

Curricular Officer - LTCOL Robert A. Allen, USAF

Academic Associates

Command, Control and Communications - Professor Dan C. Boger

Space Systems Operations - Professor Dan C. Boger

Space Systems Engineering - Professor Conrad Newberry

Computer Technology

Curricular Officer - CDR Thomas J. Hoskins, USN

Academic Associates

Computer Systems - Professor Tung X. Bui

Computer Science - Professor Mike Zyda

Electronics and Communications

Curricular Officer - CDR Rondel G. Reynolds, USN

Academic Associates

Electronics Systems Engineering

International - Professor Chyan Yang

Non-Navy - Professor Ron J. Pieper

Navy - Professor R. Clark Robertson

National Security and Intelligence

Curricular Officer - CDR Terry W. Tiernay, USN

Academic Associates

Area Studies - Professor Mikhail Tsypkin

International Organizations and Negotiations - Professor Frank Teti

Strategic Planning - Professor Frank Teti

Intelligence - Professor Thomas Grassey

Naval Engineering

Curricular Officer - CAPT Walter A. Ericson, USN

Academic Associate

Naval Engineering - Professor M. Driels

Operations Research

Curricular Officer - CDR Alan D. Zimm, USN

Academic Associates

Operations Research - Professor James Esary

Operations Logistics - Professor David Schradly

Advanced Science (Applied Math) - Professor M. Weir

Weapons Engineering

Curricular Officer - LCDR Shelly Gallup, USN

Academic Associates

Weapons Systems Engineering - Professor James Sanders

Weapons Systems Science - Professor James Sanders

Nuclear Physics - Professor James Sanders

Underwater Acoustics - Professor James Sanders

SEPTEMBER 1992 GRADUATION AWARDS

Monterey Peninsula Council Navy League Award for Highest Academic Achievement - LT James W. Speicher, USN

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

Naval Postgraduate School Outstanding Academic Achievement Award for Department of Defense Students - CPT Jon C. Walter, 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 Marco A.G. Falcao, 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.

Armed Forces Communications and Electronics Association Award - LT Edward G. Gallrein, USN *

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

The Military Operations Research Society Stephen A. Tisdale Graduate Research Award - LT Richard A. Brown, USN

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

Chief of Naval Operations Award for Excellence in Operations Research - LT James W. Speicher, 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.

The Army Chief of Staff Award for Excellence in Operations Research - CPT Steven E. Strukel, 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.

Chief of Naval Operations Communications Award - LT Robert E. Parker, USN
Presented in recognition of distinguished academic achievement in the Communications Engineering or Telecommunications Systems program to that graduate who has attained an outstanding academic record and who exhibited those qualities of an outstanding military officer.

Naval Surface Weapons Center Award for Excellence in Surface Warfare Technology - LT Christopher W. May, 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 - LT John M. Mackin, USN
Presented in recognition of excellence in the Electronic Warfare System Technology Program to that graduate who has attained an outstanding academic record and who has exhibited outstanding leadership qualities.

Chief of Naval Operations Antisubmarine Warfare Award - LT Phillip Walter Criswell, USN

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

Rear Admiral Grace Murray Hopper Award for Computer Technology - CDR Ron M. Richardson, USNR and LCDR Gary B. Parker, USN

Presented in recognition of excellence in the Computer Technology Program to those graduates who have attained outstanding academic records and who have exhibited outstanding leadership qualities.

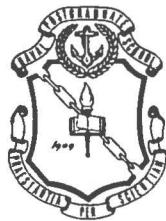
The Space Systems Operations Award for Academic Excellence - LT Dean M. Starovasnik, USN

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 curricular activities.

Monterey Kiwanis Club Outstanding Foreign Student Award - MAJ Lewis J. Coyle, Australian Army, and LCDR Marco A. G. Falcao, Brazilian 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.

* Indicates that the award is presented in absentia



THE GRADUATES

DOCTOR OF PHILOSOPHY IN AERONAUTICAL ENGINEERING

*LCDR Shahar Dror, Israel Navy
LCDR James M. Clifton, USN

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE
Mr. Eugene Joseph Guglielmo, Naval Air Warfare Center Weapons Div, China Lake

DOCTOR OF PHILOSOPHY IN METEOROLOGY

*Mr. Shang-Wu Li, Central Weather Bureau, Taiwan

AERONAUTICAL AND ASTRONAUTICAL ENGINEER

*LCDR Dennis R. Sorensen, USN

AERONAUTICAL ENGINEER

LT Kerry Schuster Neace, USN
LT Lisa Marie Nowak, USN
LT Joseph W. Rixey, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

*Capt Anthony J. Delgenis, USAF
MAJ Ronald J. Davidson, USA
LT Diane Elizabeth Burgess, USN
LT David L. Courtney, USN
LT Amy S. Gambrell, USN
LT Keith R. Wetschreck, USN

MASTER OF SCIENCE IN NATIONAL SECURITY AFFAIRS

LT Michael William Gannon, USN
LT Michael Donnell Greenwood, USN
LT Robert W. Poor, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

CPT Christopher C. Sullivan, USA
LT Sally Degozzaldi, USN
LT Brian Buckley Elliott, USN
LT Thomas Flatley, USN
LT Nancy L. Heckman, USN
LT Gregory A. Kress, USN
LT Dean Christopher Schmidt, USN
LT James L. Vandiver, USN
LT Richard W. Walter, II, USN
LT James Griffin Willson, USN

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

*LT Joseph A. Bruening, USN
Mr. Daniel J. Sakoda, Naval Postgraduate School, Monterey, CA
Mr. John S. Traylor, Naval Research Lab, Washington, DC
LT Curtis Duane Whisman, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Capt Thomas John Doran, USMC
LT Dean Charles Bruckner, USCG

LT Gifford Allen Hammar, USCG
LT Nicholas Francis Russo, USCG
LtCol Miguel Angel Betancourt Rivas, Venezuelan Air Force
Gregg Andrew Van Splinter
LT John William Andre, USN
LT Paul Eugene Brochard, USN
*LCDR Che, Jen-Peng, R.O.C. on Taiwan, Navy
LCDR Chiang, Chung-Jung, R.O.C. on Taiwan, Navy
LCDR Marco Falcao, Brazilian Navy
LCDR Milton Pinto Ferreira Filho, Brazilian Navy
LCDR Elbert Allen Haeffner, USN
LT Joey E. Legaspi, USN (With Distinction)
LT Phong Nguyen, USN
LT Jennifer Park, USN
LT Robert E. Parker, Jr., USN
LTJG Salih Semerciler, Turkish Navy
LT Irma Sityar, USN
LT Brian E. Terpening, USN
LT Randall Jay Tucker, USN

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LCDR John Stephen Sedlak, USCG
LT Kenneth John Thorkildsen, USCG
LT Daniel Victor Venne, USCG
LT Anthony Daniel Wiest, USCG
CPT Stephen Andrew Rogers, USA
LT Frank A. Arata, USN
LTJG Erol Babiloglu, Turkish Navy
LCDR John Kevin Bergersen, USN
LT Ronald Roy Costain, USN
LT John Gilbert Esarey, USN
LT Lloyd Howard Jones, USN
LTJG Konstantinos Georgios Kondos, Hellenic Navy
LT Mark Stephen Manfredi, USN
LT Eugene Paul McDonald, USN
LT Thomas Joseph O'Keefe, USN
LT Timothy John Panoff, USN
LT Anthony Eldorado Ramsey, USN
LT Andrei Sapsai, Jr., USN
LTJG Metin Serttunc, Turkish Navy
LT Dimitrios Aristidis Simakis, Hellenic Navy
LT James Michael Syvertsen, USN
LT Kenneth Charles Vanover, USN

MASTER OF SCIENCE IN OPERATIONS RESEARCH

Maj Robert W. Lamont, USMC
Maj Peter F. Long, USMC
Capt Bernard F. Mimms, Jr., USMC
Capt Joseph F. Monaghan, Jr., USMC
Maj Grady H. Roby, Jr., USMC
Capt David W. Samples, USMC
Capt Scott E. Shaw, USMC
LCDR Kevin J. Cavanaugh, USCG

LCDR Robert A. Farmer, USCG
LT Cameron J. Lewis, USCG
LT COL Shafqat Baig, Pakistan Army
MAJ Robert J. Celski, USA
CPT Scott F. Donahue, USA
CPT James M. Judy, USA
CPT Brian F. Malloy, USA
CPT Michael S. Nelson, USA
CPT Charles R. Noll, USA
CPT Charles A. Pate, USA
CPT Steven Eastwood Strukel, USA (With Distinction)
CPT William J. Tarantino, USA
CPT Alfred Viana, USA
CPT John K. Wood, USA
LTJG Zafer Mutlu Aktan, Turkish Navy
Mr. Giora Arbel, Israel Military Industries
LT James A. Bonomo, USN
LT Richard A. Brown, USN
LT Salvatore J. Ceraolo, USN
LT Thomas M. Conlon, USN
LT Mark A. Ehlers, USN
LT Sean P. Geaney, USN
LT Russell Gottfried, USN
LT Laird W. Hepburn, USN
LT William J. Lohr, USN (With Distinction)
LT Douglas J. MacKinnon, USN
LCDR Kevin J. Maher, SC, USN
LT Deidre L. McLay, USN
LT David W. Norman, USN
CDR Bambang Poernomo, Indonesian Navy
CDR Gregory A. Queen, USN
LT Michael S. Schaffer, MSC, USN
LT Thomas F. Schwarz, USN
LT James W. Speicher, USN (With Distinction)
LT Robert M. Stammer, USN

MASTER OF SCIENCE IN MANAGEMENT

1LT Adnan Bicaksiz, Turkish Army
CPT Choi, Byung Ook, Korean Army
MAJ Lewis J. Coyle, Australian Army (With Distinction)
LT Bryan McDonald Bowen, USN
LT Dale S. Chapman, USN
LT Sharon R. Chapman, SC, USN
LT John G. Kinney, USN
LCDR Richard C. Mazza, USNR
LT Cynthia A. Parry, USN
LT Mark L. Skidmore, USN

MASTER OF SCIENCE IN INFORMATION SYSTEMS

Capt Richard C. Dowler, USMC
Maj Peter J. Hural, USMC
LT Ann G. Abbott, USN
LCDR Robert Eugene Baker, Jr., SC, USN

LT Cheryl D. Blake, USN
LT Michael Thomas Bourque, USN
LCDR Todd Allen Boyers, USN
LT Mona R. Busch, USN
LT Conrad C. Chun, USN
Ms. Lucille Charlotte Clark, Naval Postgraduate School, Monterey, CA
LT Timothy P. Costello, USN
LT Kris O. Davis, USN
LT David G. Dickison, USN
LT Christine M. Donohue, USN (With Distinction)
LT Dwayne L. Eldridge, USN
LT MaryJo Elliott, USN (With Distinction)
LT James Michael Emery, USN
LT William R. Estrada, USN
LCDR Gerard R. Harms, SC, USN
LT Gregory A. Hayes, USN
LT Jonathan Grady Howe, USN (With Distinction)
LT Charles A. Jennings, USN
LT Mark T. Kohlheim, USN
LT William C. Kotheimer, Jr., USN
LT Daniel A. Lindsey, USN (With Distinction)
LCDR Mark A. Paylor, USN
LT David A. Prevost, USN
LT Matthew C. Ragan, USN
CDR Ron M. Richardson, USNR (With Distinction)
LCDR Jeffrey John Stenzoski, USN (With Distinction)
LT Brian E. Tansey, USN
LCDR Julia Ann Thur, USN
LT Tina H. Van Hook, USN
LT Reginald W. Vaughn, USN
LCDR Scott A. White, USN
LCDR Robert A. Zellmann, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

Capt Robert Mobley Dixon, USMC (With Distinction)
LTC Francius Suwono, Indonesian Air Force
CPT William Charles Hoppe, USA
CPT David Allan Nash, USA
CPT William David Reese, USA
*CPT Matthew James Rothlisberger, USA
CPT Ronald Lee Spear, USA
CPT Leonard Tharpe, USA
CPT Jon Curtis Walter, USA (With Distinction)
CPT Patrick Theron Warren, USA
CPT William Ronald Weigeshoff, USA
LTJG Ali Metin Balci, Turkish Navy
LT Leif Alan Dahl, USN
LTJG N. Atilla Demirhan, Turkish Navy
LT Edward Lee Jaenichen, USN
LT Benjamin Edward Jones, USN
LT Constantine Karageorgis, Hellenic Navy
LT Robert Steven Lovejoy, USN
LCDR Gary B. Parker, USN (With Distinction)
LT Tilemahos Poulis, Hellenic Navy

LT Jennie Marie Sealander, USN
LT Alan Keith Walters, USN
LT Kalin Paxton Wilson, USN (With Distinction)

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LCDR Robert William Maxson, NOAA
LCDR Richard H. Bohner, Jr., USN (With Distinction)
LT Michael E. Evans, USN
LCDR Bruce R. Kitchen, USN
LT James M. Olson, USN
*LT James C. Pettigrew, USN
LT Paul C. Stewart, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT Thomas C. Neal, USN
LT CDR Martin J. Sauze, Royal Navy
LT Robert S. Steadley, USN

MASTER OF SCIENCE IN APPLIED MATHEMATICS

LCDR Kevin J. Cavanaugh, USCG

**MASTER OF SCIENCE IN SYSTEMS ENGINEERING
(ELECTRONIC WARFARE)**

LTCOL Chi, Yoon Kyu, Korean Air Force
CPT Joseph Albert Campano, USA
CPT Timothy Patrick Hill, USA
CAPT Chang, Tzu-Chiang, R.O.C. on Taiwan, Army
CAPT Wu, Tsung-Li, R.O.C. on Taiwan, Army
LT Gina Louise Cairns-McFeeters, USN
LCDR Li, Chen-Kuo, R.O.C. on Taiwan, Navy
Mr. Raghuram Devalla, India
*LT Kenneth Anthony Enriquez, USN
LT John Michael Mackin, USN
LT Neil Richard Parrott, USN
LT Amnauy Thongrod, Thailand Navy

MASTER OF SCIENCE IN PHYSICS

LT Bruce E. Chase, USN
LT Stephen M. Wallace, USN
LT Kenneth L. McElroy, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

LT Terry D. Mosher, USN

MASTER OF SCIENCE IN APPLIED SCIENCE

LT Philip Walter Criswell, Jr., USN
LT John Michael Dorey, USN
LT John R.B. Flipse, USN
LT James Joseph Hirst, III, USN
LT Glen Christopher Langford, USN
LT Debra Marie Livingood, USN
LT David Charles McDonnell, USN
LT Richard Jene Nissen, Jr., USN
LT Glenn A. Omans, II, USN
LT Sean Ferran Patton, USN

LCDR Brian Ford Philipp, USN
 LT Wade Herman Schmidt, USN

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

Capt Aaron J. Godeaux, USMC
 CPT Gary P. Barber, USA
 CPT Robert A. Payne, Jr., USA
 LT Joseph Eugene Arleth, USN
 LT Anthony Bruno, III, USN
 LT Craig C. de Beaumont, USN
 LT Stuart D. Habermehl, USN
 LT Jeffrey L. Hornberger, USN
 LT Jon T. Kennedy, USN
 LCDR Frederic D. Lancaster, USN
 LT Brook R. Roberts, USN
 LT Dean M. Starovasnik, USN (With Distinction)
 LT Dennis J. Vandenberg, USN
 LT Mark Evans Weber, USN

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

ACADEMIC DRESS

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.

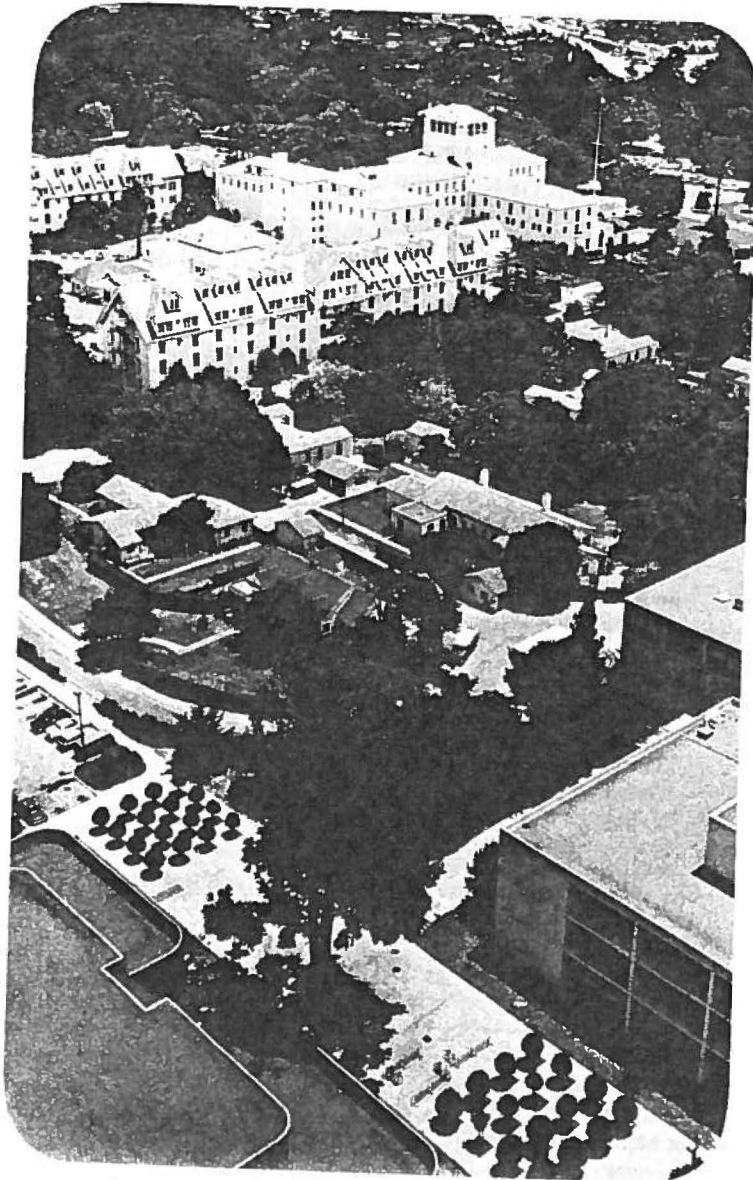
For all academic purposes, including trimmings for the doctor's gown, edgings of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

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

The silk or satin lining of the hood is the color or colors of the university or college which conferred the degree. Some have a slash or chevron of contrasting color. For example:

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, West 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

ABOUT THE SCHOOL



The Naval Postgraduate School opened at Annapolis in 1909 and then shifted its location to Monterey in 1952. During that period of time it has conferred over 22,000 degrees. The typical student is a married U.S. Naval Officer who has completed an operational tour, is living in nearby government housing, and is engaged in intensive studies leading to a master's degree in one of 42 different curricula. This student would spend 18 to 27 months here in an educational endeavor which has been specifically tailored to include certain educational skill requirements necessary for subsequent assignments. Students are obliged to remain in service for about four years after they complete their schooling. Although most of the Graduates receive master's degrees, there are normally a dozen or so students working on professional engineering degrees and another dozen or so on doctoral degrees.

Students arrive every quarter, although the heaviest inputs are in June and September. Of the approximately 1831 students now enrolled, 64% are in the United States Navy, 22% are from other United States services such as the Army, Air Force, Marine Corps, Coast Guard, NOAA, civilian labs, etc., and the remaining 14% are from allied foreign countries.

The faculty consists of approximately 350 professors, many of whom are internationally recognized in their respective fields. Two thirds of them are on a tenured track while the rest are adjunct professors; this arrangement allows the necessary flexibility to deal with variable academic demands. In order to keep abreast in their fields they are encouraged to do research beneficial to other governmental agencies. Over \$18 million of research is conducted or administered annually from this campus.

The School is administered by the Superintendent, RADM Ralph W. West, Jr., who is assisted by the Provost, Dr. Harrison Shull. There is also a civilian Dean of Faculty and Graduate education. Two Navy Officers serve as the Director of Programs and as Director of Military Operations.

The following eleven academic departments comprise the Postgraduate School: Administrative Sciences, Mathematics, Computer Science, Operations Research, National Security Affairs, Physics, Electrical and Computer Engineering, Meteorology, Aeronautical and Astronautical Engineering, Mechanical Engineering, and Oceanography.

The School became an Echelon II Command in October 1983 and, as such, now reports directly to the Vice Chief of Naval Operations.

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

