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Naval Postgraduate School Graduation Exercises / Class of September 1989

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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Commencement exercise,
graduating ceremonies

NAVAL POSTGRADUATE SCHOOL



GRADUATION EXERCISES

2:30 PM
THURSDAY, 28 SEPTEMBER
1989

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**THE ADMINISTRATION BUILDING
(FORMER OLD DEL MONTE HOTEL)**

NAVAL POSTGRADUATE SCHOOL ADMINISTRATION

Superintendent
RADM RALPH W. WEST, Jr., USN

Provost
DR. HARRISON SCHULL

Director of Programs
CAPT HILLAR SAREPERA, USN

Dean of Information and Policy Sciences
DR. KNEALE T. MARSHALL

Dean of Science and Engineering
DR. GORDON E. SCHACHER

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.

VICE ADMIRAL JOHN H. FETTERMAN, Jr. USN
Commander Naval Air Force
U.S. Pacific Fleet



Vice Admiral John H. Fetterman, Jr., was born in Ashland, Pennsylvania on 4 August 1932. He began college at Susquehanna University, graduating from Albright College in 1954. He was commissioned an ensign in 1955 and was designated a naval aviator in 1956.

Vice Admiral Fetterman's first operational tour was with Attack Squadron ONE ZERO FIVE at Cecil Field, Florida. Flying A-1H Skyraiders from the deck of the aircraft carrier USS ESSEX (CVA 9) in the Sixth and Seventh Fleets, he participated in both the Lebanon and Formosa crises in 1958. In October 1959 he reported to Fleet Airborne Electronics Training Unit Atlantic and served as Light Attack Nuclear Weapons Training Instructor.

Following this tour, he reported to Attack Squadron FORTY FOUR for A-4 Skyhawk replacement pilot training prior to joining the staff of the Commander Attack Carrier Air Wing EIGHT aboard the aircraft carrier USS FORRESTAL (CVA 59). After tours at the Naval War College and Attack Squadron FORTY FOUR, Vice Admiral Fetterman reported to Attack Squadron EIGHTY ONE aboard the aircraft carrier USS SHANGRI-LA (CVS 38) where he served as Maintenance Officer during two Mediterranean deployments. A tour in Attack Squadron ONE SEVENTY FOUR, where he served as Operations Officer and instructed in A-7E Corsair II aircraft, was followed by orders to Attack Squadron EIGHTY SEVEN as Executive Officer.

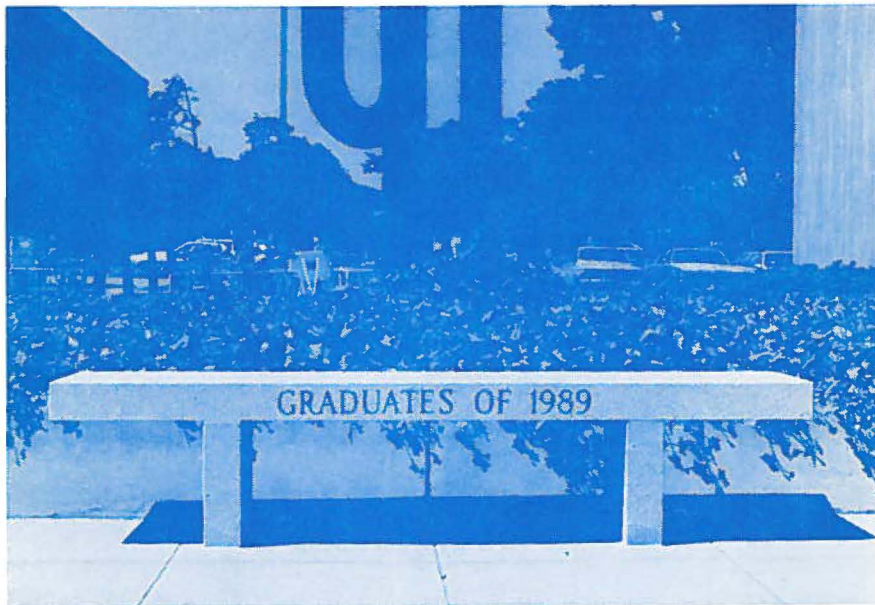
In March 1972 while deployed in the Mediterranean aboard the aircraft carrier USS FRANKLIN D. ROOSEVELT (CVA 42), Vice Admiral Fetterman assumed command of Attack Squadron EIGHTY SEVEN's "Golden Warriors". During this command tour, he was selected as Team Leader of a joint U.S. Navy and Air Force air-to-ground weapons team which represented the United States in NATO competition in Greece. In March 1973 Vice Admiral Fetterman reported to the Office of Legislative Affairs, Washington, DC, where he served for two years as Assistant Director for the Navy Senate Liaison Office. In July 1975 he assumed command of Carrier Air Wing EIGHT aboard the aircraft carrier USS NIMITZ (CVN 68) and made deployments to the Caribbean, North Atlantic and Mediterranean.

In January 1977 Vice Admiral Fetterman assumed command of the command ship USS LA SALLE (AGF 3), flagship of Commander, Middle East Force. In March 1978 he reported to the Office of the Chief of Naval Operations where he served as Special Projects Manager of the Saudi Arabian Naval Expansion Program. In February 1979 Vice Admiral Fetterman assumed command of U.S. Naval Base, Naval Station and Naval Air Station Guantanamo Bay, Cuba. He was selected for Rear Admiral in February 1981 and in July 1981 assumed duties as Commander, Tactical Wings Atlantic. In July 1983 he reported as Commander, Training Command, U.S. Atlantic Fleet. From May to December of 1985, he served on the staff of Commander in Chief, U.S. Atlantic Command and U.S. Atlantic Fleet as Deputy Chief of Staff for Readiness and Resources. In December 1985 he assumed the Duties of Naval Inspector General. On 1 September 1987 he was promoted to the rank of Vice Admiral.

Vice Admiral Fetterman's personal awards include the Defense Superior Service Medal, the Legion of Merit (5), the Meritorious Service Medal, the Navy Achievement Medal and the Meritorious United Commandation in addition to various campaign and service awards.

During his career, he has accumulated over 7,000 hours of flight time in 20 different types of naval aircraft and recorded 960 carrier landings.

He is married to the former Nancy Glenn Austin of San Antonio, Texas. Vice Admiral and Mrs. Fetterman have two sons, John and Kevin.



*This gift represents student
commitment to the future of this
great institution, and appreciation
to faculty and staff for their
professional and educational
contribution to the future leadership
of the military services.*

THE PROGRAM

PROCESSIONAL.....The Marshals

Professor ALFRED W.M. COOPER.....Grand Marshal
 Professor NANCY ROBERTS.....Marshal
 Professor JAMES M. FREMGEN.....Marshal
 Major DON SUMMERS, U.S.Marine Corps.....Marshal

NATIONAL ANTHEM*.....Navy Band San Francisco

INVOCATION*.....Commander Leroy Gilbert

INTRODUCTION OF SPEAKER

Rear Admiral Ralph w. West Jr., Superintendent

ADDRESS TO GRADUATES.....Vice Admiral John H. Fetterman, Jr.

PRESENTATION OF CLASS GIFT..... Lieutenant Scott M. Tilden

PRESENTATION OF AWARDS.....Dr. Kneale T. Marshall
 (Acting for the Provost)

PRESENTATION OF PHD CANDIDATES..... Dr. Kneale T. Marshall

PRESENTATION OF CANDIDATES.....The Department Chairmen

ANNOUNCEMENT OF DEGREES..... Dr. Kneale T. Marshall

BENEDICTION*.....Commander Leroy Gilbert

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 in the Barbara McNitt Ballroom 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.

THE PLATFORM PARTY

FIRST ROW (left to right)

Commander Leroy Gilbert
CHC, U.S. Navy

Mr. Robert Herschede
President, Monterey Peninsula Council
Navy League of the United States

The Honorable Dan Albert
Mayor of the City of Monterey

Dr. Kneale T. Marshall
Dean of Information and Policy Sciences
Naval Postgraduate School

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

Vice Admiral John H. Fetterman, Jr.
U.S. Navy
Commander, Naval Air Force
U.S. Pacific Fleet

Major General Carmen J. Cavezza,
U.S. Army
Commander, 7th Infantry Division (Light)
Fort Ord, California

Colonel Larry Winchell,
U.S. Air Force
Chief of Staff, 22nd Air Force
Travis AFB, California

Colonel Nicholas F. Carlucci,
U.S. Marine Corps
Director, 12th Marine Corps District
Alameda, California

Captain Leo N. Schowengerdt,
U.S. Coast Guard
Chief of Staff Pacific Area
Coast Guard Island, Alameda, California

Commander Kurt J. Schnebele,
NOAA
NOAA Liaison Officer
Naval Postgraduate School

Captain Hillar Sarepera,
U.S. Navy
Director of Programs
Naval Postgraduate School

SECOND ROW

Dr. Dan C. Boger
Command, Control and Communications
Academic Group

Dr. Rudolph Panholzer
Space Systems Operations
Academic Group

Dr. Joseph Sternberg
Electronic Warfare
Academic Group

Dr. Karl H. Woehler
Department of Physics

Dr. David R. Whipple
Department of Administrative Sciences

Dr. Peter Purdue
Department of Operations Research

Dr. Thomas C. Bruneau
Department of National Security Affairs

Dr. Anthony J. Healey
Department of Mechanical Engineering

Dr. John Powers
Department of Electrical and
Computer Engineering

Dr. E. Roberts Wood
Department of Aeronautics and Astronautics

Dr. Curtis A. Collins
Department of Oceanography

Dr. Robert J. Renard
Department of Meteorology

Dr. Robert B. McGhee
Department of Computer Science

THE AWARDS

MONTEREY PENINSULA COUNCIL NAVY LEAGUE AWARD FOR HIGHEST ACADEMIC ACHIEVEMENT — LT SCOTT L. NEGUS, USN AND LT RICHARD D. BERKEY, USN

Presented to the graduating USN, USMC, OR USCG student who has maintained the highest Quality Point Rating at the Naval Postgraduate School.

THE ARMY CHIEF OF STAFF AWARD FOR EXCELLENCE IN OPERATIONS RESEARCH — CPT MICHAEL J. STREFF, USA

Presented semiannually to a U.S. Army officer student in the Operations Analysis Program who has attained an outstanding academic record, including thesis and project work, and who has exhibited outstanding leadership qualities.

CHIEF OF NAVAL OPERATIONS AWARD FOR EXCELLENCE IN OPERATIONS RESEARCH — LT DUANE H. MARTIN, USN

Presented semiannually to an 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.

MILITARY OPERATIONS RESEARCH SOCIETY GRADUATE RESEARCH AWARD — LCDR STEPHEN A. TISDALE, USN

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

NAVAL POSTGRADUATE SCHOOL OUTSTANDING ACADEMIC ACHIEVEMENT AWARD FOR DOD STUDENTS — CAPT PAUL G. HARTLEY, USAF AND CPT LAURIE S. WARREN, USA

Presented quarterly to U.S. Department of Defense graduates who have maintained an outstanding academic record at the Naval Postgraduate School. All U.S. Army, Air Force and DoD civilian students are eligible.

NAVAL POSTGRADUATE SCHOOL OUTSTANDING ACADEMIC ACHIEVEMENT AWARD FOR INTERNATIONAL STUDENTS — LCDR GORDON H. FLEMING, CANADIAN NAVY AND LCDR MARTIN J. RUTHERFORD, ROYAL AUSTRALIAN NAVY

Presented quarterly to graduating international students who have maintained an outstanding academic record at the Naval Postgraduate School. All international students are eligible.

CURRICULAR OFFICERS AND ACADEMIC ASSOCIATES

ADMINISTRATIVE SCIENCES

Curricular Officer - CDR John E. Jackson

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 Steven Mehay

AERONAUTICAL ENGINEERING

Curricular Officer - CDR James M. Daniel

Academic Associates

Aeronautical Engineering - Professor Richard Bell

Aeronautical Engineering Avionics - Professor Richard Bell

AIR-OCEAN SCIENCES

Curricular Officer - CAPT Charles Roberts

Academic Associates

Meteorology - Professor Robert Haney

Air-Ocean Sciences - Professor Robert Haney (Meteorology)

Professor Roland W. Garwood (Oceanography)

Operational Oceanography - Professor Robert Haney (Meteorology)

Professor Joseph von Schwind
(Oceanography)

Hydrographic Sciences - Professor Joseph von Schwind

ANTISUBMARINE WARFARE/ELECTRONIC WARFARE

Curricular Officer - CDR David Kimball

Academic Associates

Antisubmarine Warfare Systems Technology - Professor James Sanders

Electronic Warfare Systems Technology - Professor Alfred Cooper

COMMAND, CONTROL AND COMMUNICATIONS

Curricular Officer - LTCOL Robert A. Allen

Academic Associates

Command, Control and Communications - Professor Dan C. Boger

Space Systems Operations - Professor Dan C. Boger

Space Systems Engineering - Professor Otto Heinze

COMPUTER TECHNOLOGY

Curricular Officer - CDR James Branson

Academic Associates

Computer Systems - Professor Daniel Dolk

Computer Science - Professor Uno Kodres

CHIEF OF NAVAL OPERATIONS AWARD FOR EXCELLENCE IN ELECTRONIC WARFARE — CAPT RONALD G. DODSON, USMC

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

REAR ADMIRAL GRACE MURRAY HOPPER AWARD FOR COMPUTER TECHNOLOGY — LT ADAM S. LEVITT, 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.

CHIEF OF NAVAL OPERATIONS ANTISUBMARINE WARFARE AWARD — LT SCOTT M. TILDEN, USN

Sponsored by the National Security Industrial Association and presented in recognition of excellence in the ASW Program to that graduate who has attained an outstanding academic record and who has exhibited outstanding leadership qualities.

CHIEF OF NAVAL OPERATIONS COMMUNICATIONS AWARD — LT TRACY S. ALLEN, USCG

Presented in recognition of excellence in the Communications Engineering or Telecommunications Systems Program to that graduate who has attained an outstanding academic record and who has exhibited outstanding leadership qualities.

*NAVAL SURFACE WEAPONS CENTER AWARD FOR EXCELLENCE IN SURFACE WARFARE TECHNOLOGY — LT JEFFREY L. TURNER, USN

Presented semiannually to a U.S. Navy Officer of high academic standing whose thesis topic and quality of supporting research demonstrate the greatest potential for contribution to Surface Warfare.

NAVAL SEA SYSTEMS COMMAND AWARD IN NAVAL ENGINEERING — LT RICHARD D. BERKEY, USN

Presented in recognition of excellence in the Naval Engineering Program. The criteria for the award include demonstrated academic excellence measured by marks attained, contents of thesis and demonstrated leadership potential in Naval Engineering.

SPACE SYSTEMS OPERATIONS AWARD FOR ACADEMIC EXCELLENCE — LCDR STEPHEN A. TISDALE, USN

Presented annually in recognition of excellence in the Space Systems Operations Program on the basis of Quality Point Rating, thesis research, and extra-curricular activities.

*Award presented in absentia

ELECTRONICS AND COMMUNICATIONS

Curricular Officer - CDR John Donnelly

Academic Associates

Electronics Systems Engineering - Professor Paul Moose

Communications Engineering - Professor Paul Moose

Telecommunications Systems Management - Professor Dan C. Boger

NATIONAL SECURITY AND INTELLIGENCE

Curricular Officer - CAPT James Mueller

Academic Associates

Middle East, Africa, South Asia - Professor Edward Olsen

Far East, Southeast Asia, Pacific - Professor Edward Olsen

Europe, USSR - Professor Edward Olsen

International Organizations and Negotiations - Professor Frank Teti

Western Hemisphere - Professor Edward Olsen

Strategic Planning - Professor Frank Teti

Intelligence - Professor Thomas Grassey

NAVAL ENGINEERING

Curricular Officer - CDR Dennis P. Mahoney

Academic Associate

Naval Engineering - Professor T. Sarpkaya

OPERATIONS RESEARCH

Curricular Officer - LCDR Roger Stemp

Academic Associates

Operations Research - Professor James Esary

Operations Logistics - Professor David Schrady

WEAPONS ENGINEERING

Curricular Officer - CDR Tom Kilmer

Academic Associates

Weapons Systems Engineering - Professor James Sanders

Weapons Systems Science - Professor James Sanders

Nuclear Physics - Professor James Sanders

Underwater Acoustics - Professor James Sanders

Advanced Science (Applied Math) - Professor Carroll O. Wilde

THE GRADUATES

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

MAJ STEVEN PATRICK ALEXANDER, USA

DOCTOR OF PHILOSOPHY IN METEOROLOGY

LCDR LESTER E. CARR III, USN

DOCTOR OF PHILOSOPHY IN PHYSICAL OCEANOGRAPHY

LCDR GORDON H. FLEMING, CANADIAN NAVY

AERONAUTICAL ENGINEER

CPT DAN ALLEN JOHNSON, USA

LT WILLIAM DENNIS BRENNAN, USN

ELECTRICAL ENGINEER

CPT MARK DOUGLAS BAEHRE, USA

LT MICHAEL H. DAVIS, USN

MECHANICAL ENGINEER

LT RICHARD DENNIS BERKEY, USN

LT NEIL CHARLES STUBITS, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

CAPT PAUL G. HARTLEY, USAF (With Distinction)

LT BRIAN H. BOUTWELL, USN

LT WARREN E. RHOADES III, USN

MASTER OF SCIENCE IN NATIONAL SECURITY AFFAIRS

LT DAVID JOSEPH BARTHOLOMEW, JR., USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

*CAPT RAYMOND W. ETTER, USMC

MAJ KEE, YEHO, KOREAN AIR FORCE

MAJ GERALDO MACEDO MOURA, BRAZILIAN
AIR FORCE

CPT BRUCE EDWARD BRYDGES, USA
*CPT CRAIG M. MACALLISTER, USA
LCDR MICHAEL ALAN CLASSICK, USN
LCDR JOSEPH THOMAS GENGO, USN
MR. JAMES NABITY, NAVAL WEAPONS CENTER,
CHINA LAKE, CA
LCDR VICTOR CONRAD SEE, JR., USN
LT JOHN DOUGLAS SOMMERS, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

LCDR WILLIAM R. CAIRNS, USCG
MAJ ANASTASIOS K. KOTRONIS, HELLENIC AIR FORCE
CPT TAN, MENG YOON, REPUBLIC OF SINGAPORE,
AIR FORCE (With Distinction)
CPT MARK DOUGLAS BAEHRE, USA (With Distinction)
CPT DANIEL LEE HELLER, USA
CPT JAMES G. O'DONNELL, USA
CPT JOEL V. SWISHER, USA
CPT DAVID TOMIO TSUDA, USA
LT MARY L. ANDERSON, USN
LT MICHAEL H. DAVIS, USN (With Distinction)
MR. PAUL EVANS, NAVAL AIR TEST CENTER,
PATUXENT RIVER, MD
LT TERRY KEITH GANTENBEIN, USN
LT VALERIE R. HOCKGRAVER, USN
LT RICHARD IMPELLIZZERI, USN
LT TIMOTHY J. JOHNSON, USN
LT JOHN WILLIAM RIPPON POPE III, USN (With Distinction)
LT JOEL C. REAVES, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

MS. ANITA S. DANIEL, NAVAL WEAPONS CENTER,
CHINA LAKE, CA (With Distinction)

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LT RICHARD DENNIS BERKEY, USN (With Distinction)
LT RANDY EVERET HUGHES, USN
LCDR DONN NORMAN LORHAMMER, USN
LT STEPHEN DOUGLAS METZ, USN
LT RUFINO AMIGABLE PAJE, USN

LT MARK E. POWELL, USN
LCDR PETER FREDERICK RAPPELINE, USN
LCDR KENNETH PHILLIP ROEY, USN
LT NEIL CHARLES STUBITS, USN
LT SUR, JOO-NO, KOREAN NAVY

MASTER OF SCIENCE IN OPERATIONS RESEARCH

MAJ THOMAS J. MEYERS, USMC
MAJ RICHARD L. MILLER, USMC
MAJ JOHN M. MISIEWICZ, USMC (With Distinction)
LT TEDRIC R. LINDSTROM, USCG
MAJ BAE, DEOK HWAN, KOREAN AIR FORCE
CPT HARRY M. ARGO, USA
CPT STEPHEN A. COLE, USA
CPT DAVID A. DRYER, USA
CPT RANDY E. GEIGER, USA
CPT MARK D. HANSON, USA
CPT LEE, HYEON SOO, KOREAN ARMY
CPT RONALD R. RODEHORST, USA
CPT CHARLES H. SHAW III, USA
CPT JOHN C. STRATIS, USA
CPT MICHAEL JOHN STREFF, USA
MR. KENNETH A. AMSTER, NAVAL WEAPONS CENTER,
CHINA LAKE, CA
LT ALAN D. ARIEL, USN
LT EMUNDO F. BELLINI, USN
CDR EDWARD M. BIGGERS, USN
LT JOHN M. BOYD, USN
CDR BERNABE CARRERO CUBEROS, VENEZUELAN NAVY
LT DAVID F. CASHIN, USN
LT BRUCE H. CURRY, USN
LT JOSEPH A. FAIRCLOTH, USN (With Distinction)
LT GREGORY SCOTT GILBERT, USN
LT CRAIG W. GOODMAN, USNR
LT STEPHEN W. HARDGRAVE, USN (With Distinction)
LCDR PAULA L. JORDANEK, USN
LT DUANE H. MARTIN, USN (With Distinction)
LT DARREL M. MORBEN, USN (With Distinction)
LT SCOTT L. NEGUS, USN (With Distinction)
LT THOMAS D. NOLEN, USN
LT DOUGLAS E. OTTE, USN
LTJG KEMAL SALAR, TURKISH NAVY
LCDR JAMES R. SHELBY, USNR
LCDR SHIH, KUO-TUNG, TAIWAN NAVY

LT SHIN, DONG MYEONG, KOREAN NAVY
MR. SIM, CHENG HWEI, MINISTRY OF DEFENSE,
REPUBLIC OF SINGAPORE (With Distinction)
LT HENRY C. SMITH, USN
LCDR STEPHEN A. TISDALE, USN
LCDR CRAIG W. TURLEY, USN
LT MICHELE L. WILLIAMS, USNR

MASTER OF SCIENCE IN MANAGEMENT

CPT SU GYO LEE, KOREAN ARMY
MR. MICHAEL C. KANE, NAVAL AIR STATION,
PATUXENT RIVER, MD
LCDR JOSEPH B. MARSHALL, JR., USN
LT JOHN A. RACKLIFFE, SC, USN
LT PAULA M. RICKETTS, USN
LT KEVIN D. SCOTT, USN

MASTER OF SCIENCE IN TELECOMMUNICATIONS SYSTEMS MANAGEMENT

LT TRACY SCOTT ALLEN, USCG (With Distinction)
LT VASILIOS C. KAVVIADIAS, HELLENIC NAVY (With Distinction)

MASTER OF SCIENCE IN INFORMATION SYSTEMS

CAPT CHARLES C. HANSEN, USMC
CAPT DOUGLAS A. SURIANO, USMC
LCDR STEVEN PATRICK ALBERT, USN
LT RICHARD RALPH ALFINI, USN
LCDR RICHARD ARTHUR BLOW, USNR
LT JEFFREY M. BOCKENEK, USN
LT RICHARD CRAIG CECCONI, USN
LCDR ERIC S. DAVIS, NOAA
LCDR RICHARD B. DRESCHER, USN
LCDR JOHN F. FEILER, USN
CDR GARY W. FRANKLIN, USN
LCDR JOE LYNN FRAZIER, USNR
LT RICHARD CHRISTOPHER HESS, USN
LT JAMES CLAUD HOGE, USN (With Distinction)
LT JOHN DOUGLAS HULSEY, USNR
LCDR ROCKY DALE KROPP, USN
LT ADAM SHAWN LEVITT, USN (With Distinction)
LT WILLIAM THOMAS LIVINGS, JR., USN
LT LAURA ELIZABETH MASON, USNR

LT VAL ANTONY MICUCCI, USN (With Distinction)
LCDR WILLIAM B. SHORT, USN
LT NANCY LOUISE TANNER, USN
LT NATALIE KWAI YOUNG-ARANITA, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

1LT JOHNY KADARMA, INDONESIAN AIR FORCE

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT PAUL BERRYMAN, USN
LT SUSAN ANN DAVIES, USN
LT ROBERT W. EDSON, USN
LT GREG ALAN EISMAN, USN
LT DEREK DOUGLAS HEE, USN
LCDR LAWRENCE MATHIAS JENDRO, USN
*LCDR JAMES HOYT KORCAL, USN
LT JAMES EDWARD LILLY, USN
LCDR MARTIN JOHN RUTHERFORD,
ROYAL AUSTRALIAN NAVY (With Distinction)
LCDR DAVID B. ST. PIERRE, USN (With Distinction)
LT JOSEPH A. YETTER, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT MANUEL A. ABREU, PORTUGUESE NAVY (With Distinction)
LT NASUH CACINA, TURKISH NAVY
LT FRANCIS L. DAGGETT, USN
LCDR CARLOS NELSON LOPES DA COSTA,
PORTUGUESE NAVY (With Distinction)

MASTER OF SCIENCE IN HYDROGRAPHIC SCIENCES

MR. KENNETH EUGENE WELKER, NAVAL OCEANOGRAPHIC
OFFICE, BAY ST. LOUIS, MO

MASTER OF SCIENCE IN PHYSICS

LT CHRISTOPHER JAMES CONKLIN, USCG
LT RAYMOND CHARLES ENGEL, USCG
MR. GREGORY JOHN WOLFE, U.S. ARMY TANK AUTOMOTIVE
COMMAND, WARREN, MI

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

CAPT MICHAEL EMERSON CHAVEZ, USMC
CAPT RONALD GENE DODSON, JR., USMC
MAJ KWON, KI HOON, KOREAN AIR FORCE
MR. JOHN STANTON PARKER, 3246TH TEST WING,
EGLIN AIR FORCE BASE, FL
CPT ISSAM YASIN ALMETLAQ, JORDAN ARMED FORCES
*MAJ CLYDE TERRANCE HARTHCOCK, USA
MAJ SVERKER ERIK JOHANSSON, ROYAL SWEDISH ARMY
CPT PARK, SANG CHUL, KOREAN ARMY
CPT LAURIE S. WARREN, USA (With Distinction)
MAJ MUHAMMAD SIDDIQUI, PAKISTANI ARMY
LT MICHAEL PATRICK BATTISTE, USN
LTJG SEFIK BAYAR, TURKISH NAVY
*LTJG CHIA, HUA KAI, TAIWAN NAVY
LT DONG HO CHOI, KOREAN NAVY
LT CHRISTOPHER HARRY JENSEN, USN
LT LARRY EUGENE LUCAS, USN
LT DANIEL A. MARINSALTA, ARGENTINE NAVY
LCDR RODOLFO REATEGUI, PERUVIAN NAVY
LTJG OSWALDO ROSERO, ECUADORIAN NAVY
LCDR MUHAMMAD SIDDIQ, PAKISTANI NAVY
LT MARTIN STUART SIMON, USN (With Distinction)
*LT MILTON AUGUSTUS SMITH, JR., USN
LCDR FRANCISCO JOSE UMGEHER TABORDA, BRAZILIAN NAVY
MR. CRAIG PATRICK WITMER, NAVAL AIR TEST CENTER,
PATUXENT RIVER, MD

MASTER OF SCIENCE IN APPLIED SCIENCE

LT DAVID THOMAS BAILEY, USN
LT BERNADETTE MARY FITZGERALD, USN
LCDR PATRICK MICHAEL MCMILLIN, USN
LT JOANNE ELIZABETH OLCOTT, USN
LT KEVIN PETER SCHAAFF, USN
LT JOHN PETER SPERR, USN
LT SCOTT MARTIN TILDEN, USN (With Distinction)

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT BERNADETTE MARY FITZGERALD, USN
LT KEVIN PETER SCHAAFF, USN
LT SCOTT MARTIN TILDEN, USN (With Distinction)

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

*CAPT RAYMOND W. ETTER, USMC
CAPT PHILLIP A. GABRIEL, USMC (With Distinction)
CAPT GARY P. SHAW, USMC
LT ANTONIA C. EMMERT, USN
LT KIRK N. HARNESS, USN
LT LORENZO S. HIPONIA, USN
LCDR LESLEY A. KELLY, USN
LT MICHAEL C. KRAMS, USN
LCDR ALAN LEE MCCOLLUM, USN
LCDR RONALD C. REPPER, USN
LCDR STEPHEN A. TISDALE, USN (With Distinction)
LT ANTHONY A. VRAA, USN
LT MARK ALAN WILSON, USN (With Distinction)
LT STEPHEN E. ZINI, USN

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

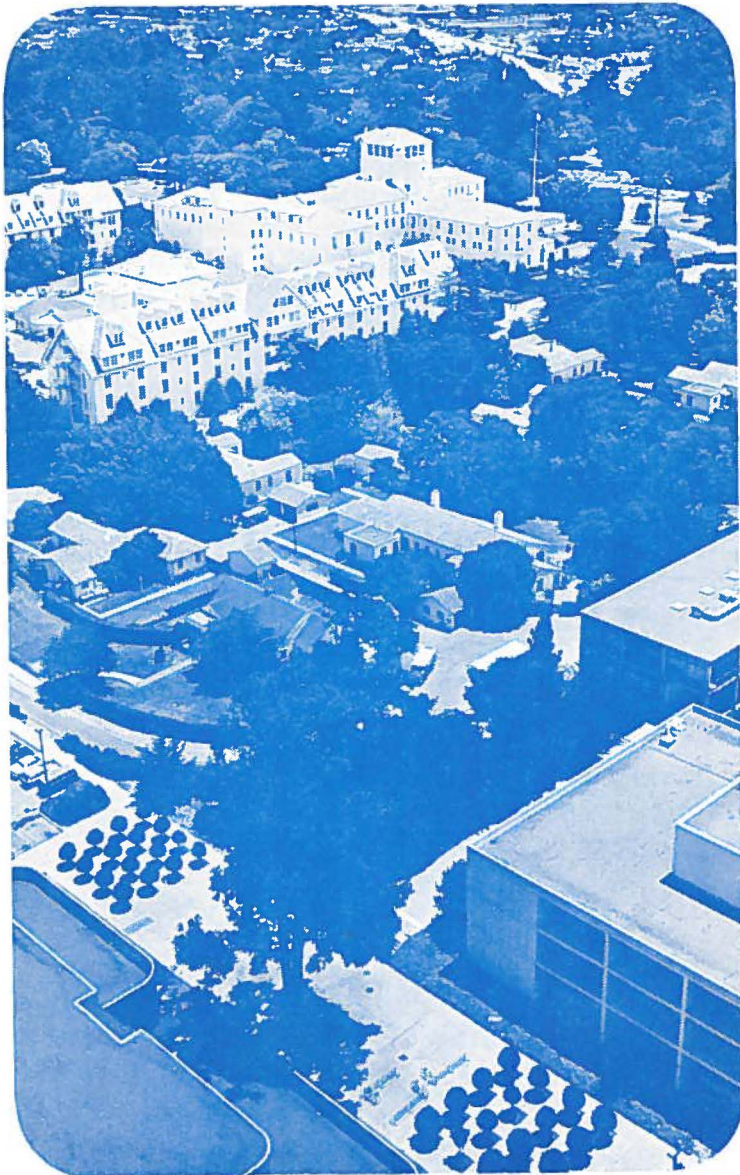
CPT ROBERT J. IRBY IV, USA
CPT ALVIS A. WHEATLEY, USA

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

LCDR W. RUSSELL WEBSTER, USCG
CAPT JOEL C. HECK, USAF
*CAPT JAMES M. LIEPMAN, USAF

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

. . . 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 18,000 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 1700 students now enrolled, 59% are in the United States Navy, 24% are from other United States services such as the Army, Air Force, Marine Corps, Coast Guard, NOAA, civilian labs, etc., and the remaining 17% 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 \$14 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 are also three civilian deans (Science and Engineering, Information and Policy Science, and Administration); two Navy Captains serve as the Director of Programs, and as the 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.

