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Naval Postgraduate School Graduation Exercises / Class of June 1989

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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*Commencement exercises
graduating ceremonies, etc*

NAVAL POSTGRADUATE SCHOOL



GRADUATION EXERCISES

2:30 PM
THURSDAY, 22 JUNE
1989

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

NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION

Superintendent
RADM ROBERT C. AUSTIN, USN

Provost
DR. HARRISON SHULL

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 ROBERT CLARKE AUSTIN
Superintendent
Naval Postgraduate School



Rear Admiral Austin assumed duties as Superintendent, Naval Postgraduate School on 11 July 1986. The School's mission is to conduct and direct the advanced education of commissioned officers, to provide prescribed technical and professional instruction to meet the needs of the naval service, and in support of the foregoing, to foster and encourage a program of research which sustains academic excellence.

Rear Admiral Austin was born in Cleveland, Ohio on 5 September 1931. He enlisted in the Navy in October 1948, obtained a fleet appointment to the Naval Academy and was commissioned in June 1954. He served on USS NOA (DD 841) until he entered Submarine School in 1957. USS THORNBAC (SS 418) was his first submarine assignment. In July 1960, he enrolled at the Naval Postgraduate School and received a Master of Science degree in Physics in May 1963. After serving as Executive Officer of USS GRAMPUS (SS 523), he entered Nuclear Power Training and later served as Navigator aboard USS TRITON (SSN 586) and as Executive Officer of USS JOHN ADAMS (SSBN 620). He was the prospective commanding officer during construction, and then commanded USS FINBACK (SSN 670) from 1968 to 1972. He next headed the Advanced Tactical Training Division and was the Prospective Commanding Officer Instructor for the Commander Submarine Force, U.S. Atlantic Fleet. Admiral Austin assumed squadron command of Submarine Development Group Two from May 1974 to July 1976. He then commanded the Naval Submarine School for two years. In August 1978 at Commander Submarine Force, U.S. Atlantic Fleet, he served as Deputy Chief of Staff for Operations and Plans until appointed as Chief of Staff. He was selected for flag rank in January 1980. In July 1980, Rear Admiral Austin was assigned to the Joint Chiefs of Staff as Deputy Commissioner, U.S. Component of the US-USSR Standing Consultive Commission and as Deputy Director for International Negotiations of the Plans and Policy Directorate. Following his assignment on the Joint Staff he served as Chief of Naval Technical Training from September 1982 to July 1986.

Rear Admiral Austin's decorations include the Defense Superior Service Medal, the Legion of Merit with three gold stars, the Meritorious Service Medal and others.

Rear Admiral Austin is married to the former Joyce Bisese of Norfolk, Virginia. They have four children: a married daughter Susan Ebdon, of Bridgeport, Connecticut; a married son Jim of Ledyard, Connecticut; a son Robert, and a daughter Cecelia.

VICE ADMIRAL DANIEL L. COOPER, USN
Assistant Chief of Naval Operations
(Undersea Warfare)



Daniel L. Cooper was born and raised in East Liverpool, Ohio, the son of William B. and Rowene S. Cooper. He attended Washington and Jefferson College in Washington, Pennsylvania for one year prior to entering the U.S. Naval Academy, from which he graduated on 7 June 1957.

He initially served with the amphibious force aboard USS CHILTON (APA-38) stationed in Norfolk, Virginia. In June 1959, at the completion of Submarine School, he reported to USS TRIGGER (SS-564) in New London, Connecticut. TRIGGER'S homeport shifted shortly thereafter to Charleston, South Carolina.

In 1963, Vice Admiral Cooper received a Masters of Public Administration degree from Harvard University through the Navy's Postgraduate Program in International Relations. During 1963 and 1964, he attended Nuclear Power School at Bainbridge, Maryland and then the SIC prototype in Windsor, Connecticut.

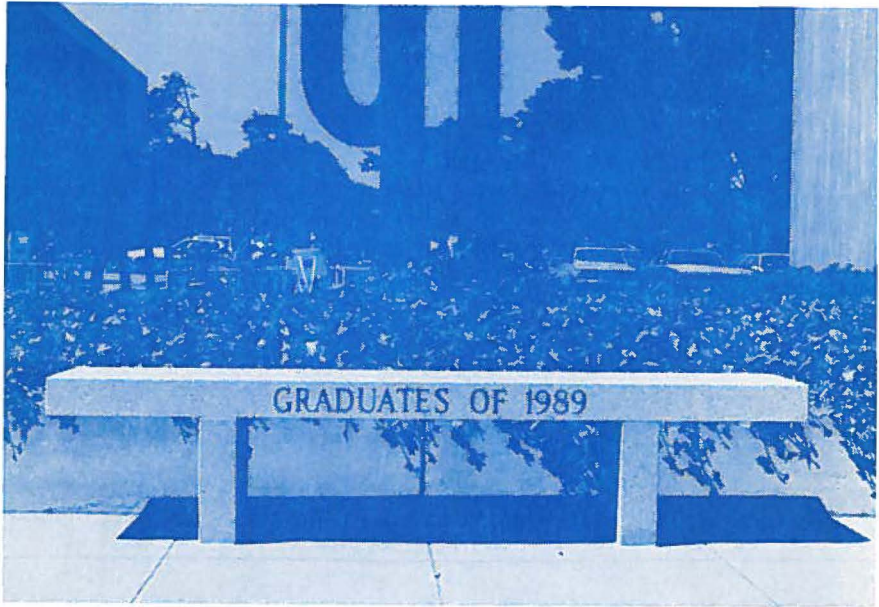
From December 1964 to March 1966, he served aboard USS HADDO (SSN-604), then reported to USS SIMON BOLIVAR (SSBN-641) as Executive Officer on the blue crew. Both submarines operated out of Charleston.

In June 1968, he was ordered to duty in Washington, DC as Aide to the Vice Chief of Naval Operations. Following brief tours on USS HENRY L. STIMSON (SSBN-655) and USS QUEENFISH (SSN-651), Vice Admiral Cooper was ordered to Pearl Harbor, Hawaii and assumed command of USS PUFFER (SSN-652) in January 1972.

He was relieved as Commanding Officer, USS PUFFER and reported in May 1974 to be Executive Assistant to the Assistant Secretary of the Navy (Financial Management). In May 1976, Vice Admiral Cooper was ordered as Commander, Submarine Squadron TEN in New London, Connecticut. Three years later, he reported as Deputy to the Director, Strategic Submarine Division and TRIDENT Program Coordinator on the Staff of the Chief of Naval Operations. It was while in this position that he was selected for flag rank. Vice Admiral Cooper's first flag assignment was Deputy Commander/Comptroller, Naval Sea Systems Command to which he reported in August 1980. Three years later, in May 1983, he was appointed by the President as the Director of the Budget and Reports, Office of the Navy Comptroller, and Director, Fiscal Management Division, Office of the Chief of Naval Operations. In September 1985, he reported as Director, Navy Program Planning, on the staff of the Chief of Naval Operations and was promoted to Vice Admiral in November 1985. In August 1986, he assumed duties as Commander Submarine Force, U.S. Atlantic Fleet. In September 1988, Vice Admiral Cooper reported to Washington, DC to assume duties as the Assistant Chief of Naval Operations (Undersea Warfare).

Vice Admiral Cooper is married to the former Betty Jane Ogilvie of East Liverpool, Ohio. They have two daughters, Amy and Cynthia.

THE PROGRAM



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.

PROCESSIONAL The Marshals

Professor JAMES M. FREMGEN Grand Marshal
 Professor NANCY ROBERTS Marshal
 Professor ROBERT L. ARMSTEAD Marshal
 Lieutenant Colonel TIMOTHY P. HUDSON,
 U.S. Marine Corps Marshal

NATIONAL ANTHEM* Navy Band San Francisco

INVOCATION* Captain Edward E. Jayne

INTRODUCTION OF SPEAKER The Superintendent

ADDRESS TO GRADUATES Vice Admiral Daniel L. Cooper

PRESENTATION OF CLASS GIFT
 Lieutenant Commander Larry Johnston

PRESENTATION OF 25TH ANNIVERSARY GIFT TO FEDERAL
 REPUBLIC OF GERMANY
 To Captain Detlef B. Kammholz The Superintendent

PRESENTATION OF AWARDS The Provost

PRESENTATION OF CANDIDATES .. The Department Chairmen

ANNOUNCEMENT OF DEGREES The Provost

BENEDICTION* Captain Edward E. Jayne

RECESSIONAL* Navy Band San Francisco

NOTES:

- RADM and Mrs. Austin 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)

Captain Edward E. Jayne,
CHC, U.S. Navy

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

Mrs. Jane Butler
President, Naval Postgraduate School
Foundation, etc.

The Honorable George Takahashi
Mayor of the City of Marina

Dr. Harrison Shull
Provost and Academic Dean
Naval Postgraduate School

Rear Admiral Robert C. Austin,
U.S. Navy
Superintendent, Naval Postgraduate School

Vice Admiral Daniel L. Cooper,
U.S. Navy

Assistant Chief of Naval Operations
(Undersea Warfare)

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

Captain Andrew F. Durkee,
U.S. Coast Guard

Information Systems Division
Coast Guard Island
Alameda, California

Colonel Joseph K. Kellog,
U.S. Army

Commander, 3rd Brigade
7th Division (Light)
Fort Ord, California

Colonel Michael Smith,
U.S. Air Force
Deputy Chief of Staff for Air Transportation
Travis AFB, California

Captain Detlef B. Kammholz,
Federal Republic of Germany
Assistant to the Chief of Naval Operations
(Manpower)

Captain Hillar Sarepera,
U.S. Navy

Director of Programs
Naval Postgraduate School

SECOND ROW

Dr. Donald A. Lacer
Command, Control and Communications
Academic Group

Dr. Otto Heinz
Space Systems Operations
Academic Group

Dr. Karl H. Woehler
Department of Physics

Dr. Curtis A. Collins
Department of Oceanography

Dr. Robert J. Renard
Department of Meteorology

Dr. David R. Whipple
Department of Administrative Sciences

Professor Lunderstaedt
Federal Republic of Germany
Armed Forces University

Dr. James J. Tritten
Department of National Security Affairs

Dr. Peter Purdue
Department of Operations Research

Dr. E. Roberts Wood
Department of Aeronautics and Astronautics

Dr. Anthony J. Healey
Department of Mechanical Engineering

Dr. John P. Powers
Department of Electrical and
Computer Engineering

Dr. Robert B. McGhee
Department of Computer Science

THE AWARDS

REAR ADMIRAL JOHN JAY SCHIEFFELIN AWARD FOR EXCELLENCE IN TEACHING

Presented each June to a faculty member in recognition of outstanding teaching. Officer students, alumni and faculty are sampled in the selection process.

MONTEREY PENINSULA COUNCIL NAVY LEAGUE AWARD FOR HIGHEST ACADEMIC ACHIEVEMENT — LIEUTENANT STEVEN A. MUNSON, USCG

Presented to the graduating USN, USMC, or USCG officer who has maintained the highest academic grade average as a student at the Naval Postgraduate School.

NAVAL POSTGRADUATE SCHOOL OUTSTANDING ACADEMIC ACHIEVEMENT AWARD FOR DOD STUDENTS — MR. MICHAEL J. GNECKOW

Presented quarterly to the graduating U.S. Department of Defense student who has 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 — LIEUTENANT PETER R. CAMPBELL, ROYAL AUSTRALIAN NAVY

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

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSO- CIATION AWARD — LIEUTENANT STEVEN A. MUNSON, USCG

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

*CAPTAIN JOHN C. WOELFEL AWARD — LIEUTENANT COMMANDER ROBERT L. ULE, USN

Presented each June to the outstanding Naval Engineering program officer student on the basis of academic and leadership qualities and performance. Officers from the past September, December, March and June graduation classes were considered.

NAVAL SEA SYSTEMS COMMAND AWARD IN NAVAL ENGINEERING — LIEUTENANT COMMANDER DOUGLAS H. RAU, USN

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

NAVAL SEA SYSTEMS COMMAND AWARD FOR WEAPON SYSTEMS ENGINEERING EXCELLENCE — LIEUTENANT PETER R. CAMPBELL, ROYAL AUSTRALIAN NAVY

Presented in recognition of distinguished scholastic achievement in a Weapons Engineering field of study. Selection is based on marks attained, quality and applicability of thesis and demonstrated leadership potential in the field of Weapons Engineering.

***NAVAL UNDERWATER SYSTEMS CENTER AWARD FOR EXCELLENCE IN UNDERWATER SYSTEMS TECHNOLOGY — LIEUTENANT MARK D. PATTON, USN**

Presented annually to the student, who by academic standing and relevance of thesis topic, has demonstrated the greatest achievement in the field of Underwater Systems Technology.

NAVAL SUPPLY SYSTEMS COMMAND AWARD FOR ACADEMIC EXCELLENCE IN ADMINISTRATIVE SCIENCES — LIEUTENANT MICHAEL L. SZYMANSKI, SC, USN

Presented semiannually to an outstanding U.S. Naval Supply Corps officer in Administrative Sciences at the Naval Postgraduate School. This award is made on the basis of academic achievement, research excellence, contribution to the professional and civilian community and faculty recommendation.

DEPARTMENT OF THE NAVY AWARD FOR ACADEMIC EXCELLENCE IN FINANCIAL MANAGEMENT — LIEUTENANT MICHAEL P. MARTIN, SC, USN

This 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.

REAR ADMIRAL THOMAS R. MCCLELLAN AWARD FOR ACADEMIC EXCELLENCE IN ADMINISTRATIVE SCIENCES — LIEUTENANT COMMANDER DAVID H. BLALOCK, USN

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

MEWBORN STUDENT RESEARCH AWARD — COMMANDER MICHAEL P. OLSON, SC, USN

Presented annually to an officer student whose thesis exhibits sound scholarship and highest research ability. Criteria of selection conforms as nearly as possible to the concept of "evidence of research potential" which forms the basis for election to Associate Membership in the Society of Sigma Xi.

WARREN RANDOLPH CHURCH AWARD — LIEUTENANT COMMANDER LESTER E. CARR, III, USN

Presented annually to an officer student for outstanding performance in mathematics. The criteria for selection includes evidence of initiative, scholarly attitude and mathematical maturity.

OCEANOGRAPHER OF THE NAVY AIR-OCEAN SCIENCES AWARD — LIEUTENANT BRUCE M. HAGAMAN, USN

Presented to a U.S. Naval officer graduate of the Air-Ocean Sciences Program who has demonstrated outstanding performance and exhibited those qualities indicative of an outstanding military officer.

***ADMIRAL WILLIAM ADGER MOFFETT AWARD — LIEUTENANT COMMANDER WALTER L. ROGERS, USN AND LIEUTENANT COMMANDER THOMAS M. MCKANNON, USN**

Presented annually to an officer student in the Aeronautical Engineering program on the basis of academic excellence, including thesis and career potential.

THE SPACE AND NAVAL WARFARE SYSTEMS COMMAND AWARD IN ELECTRONICS SYSTEMS ENGINEERING — CAPTAIN PETER D. LLOYD, USMC

Presented semiannually to a U.S. Naval officer student in recognition of distinguished academic achievement in the advanced Electronics Engineering program.

UNITED STATES NAVAL INSTITUTE AWARD — CAPTAIN RANDY P. BURKETT, USAF

Presented each quarter to that recipient of a master's degree in National Security Affairs whose achievement has significantly advanced professional, literary or scientific knowledge in the naval or maritime services.

***ASTRONAUT MICHAEL J. SMITH, CAPTAIN, USN, ASTRONAUTICS AWARD — LIEUTENANT CHARLES B. CAMERON, USN**

Presented annually to an outstanding graduate of the Space Systems Engineering or Space Systems Operations curricula. The award is made on the basis of the student's academic excellence, including thesis, and his career potential.

* Presented in absentia

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 Kenneth Euske (USMC, USCG)

Professor George Thomas (ARMY)

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 Joseph von Schwind (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 Linda Crumback

Academic Associates

Command, Control and Communications - Professor Dan C. Boger

Space Systems Operations - Professor Dan C. Boger

Space Systems Engineering - Professor Otto Heinz

COMPUTER TECHNOLOGY

Curricular Officer - CDR James Branson

Academic Associates

Computer Systems - Professor Daniel Dolk

Computer Science - Professor Uno Kodres

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 & Negotiations - Professor Frank Teti

Western Hemisphere - Professor Edward Olsen

Strategic Planning - Professor Frank Teti

Intelligence - Professor Thomas Grassey

NAVAL ENGINEERING

Curricular Officer - CDR Dennis 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 Schradly

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 AERONAUTICAL ENGINEERING

LTC JAMES R. SNIDER, USA

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

MAJ RONALD S. ROSS, USA

DOCTOR OF PHILOSOPHY IN OPERATIONS RESEARCH

CDR MICHAEL P. OLSON, SC, USN
CDR STEVEN E. PILNICK, USN

AERONAUTICAL ENGINEER

LT RICHARD H. FANNEY, USN
LCDR THOMAS M. MCKANNON, USN
LT KENNETH D. MURRAY, USN
*MR. PENG HIAN YEO, MINISTRY OF DEFENSE, SINGAPORE

MECHANICAL ENGINEER

LT ALFRED OTTO GAISER, USN
LCDR DOUGLAS HARRIS RAU, USN
LT MICHAEL FRANCIS TUZZOLO, USN

ELECTRICAL ENGINEER

LT CHARLES B. CAMERON, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

CAPT RICHARD ROBERT AYRES, USAF (With Distinction)
CAPT RANDY PRENTICE BURKETT, USAF
CAPT LESTER KEITH HANEY, USAF
CAPT DONNA LYNN KENNEDY, USAF
CAPT JERRY MARK LONG, USAF (With Distinction)
*CAPT KEVIN MICHAEL NOVAK, USAF
*CAPT THEODOSIA B. ZELEZNIK, USAF
MS. ANNE D. ALEXANDER, DEFENSE INTELLIGENCE
AGENCY, WASHINGTON, DC
LCDR EDDIE WHITFIELD DANIEL, USN
LCDR CONRAD BRUCE DIVIS, USN
*MR. RAYMOND MICHAEL GILPIN, NAVAL INVESTIGATIVE
SERVICE, WASHINGTON, DC

MR. MICHAEL J. GNECKOW, NAVAL INVESTIGATIVE SERVICE,
WASHINGTON, DC (With Distinction)

LT JON ALAN GREENE, USN
LT MARK KEVIN JOHNSTON, USN
LT MARGARET ANNE JONES, USN
LCDR DAVID ALLAN LEARY, USN
LT CATHERINE ANNE LUMSDEN, USN
LT PAMELA J. MCNAUGHT, USN
LT GEORGE FOSTER SCHIECK, USN
LT TERESA LYNN SHANAHAN, USN
LT TRICIA A. VISLAY, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

CAPT JEFFERY P. HARVEY, USMC
CAPT ROBIN R. HYDE, USMC
CAPT PETER D. LLOYD, USMC (With Distinction)
CAPT DANIEL K. MILLER, USMC
LT KURTIS J. GUTH, USCG
MAJ DANNY L. DEFRIES, USA
CPT RONALD R. HEULER, USA
LT RICHARD P. BRECKENRIDGE, USN (With Distinction)
LT PETER ROBERT MCKENZIE CAMPBELL,
ROYAL AUSTRALIAN NAVY (With Distinction)
LT JOSE F. GARCIA, III, USN
LT JOSEPH N. GIAQUINTO, USN
LT KEVIN S. HOPKINS, USN
LT PETER J. LYNCH, USN
LCDR FREDERIC STROHM, FRENCH NAVY

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LCDR CARL LEE ANDERSON, USN
LT ALDEN PARKER CHESTER, III, USN
LCDR DOUGLAS WILLIAM CRAIG, USN
LT JAMES G. GREEN, USN
LT ALFRED OTTO GAISER, USN
LCDR DAVID LEE KOLTHOFF, USN
LT LEONARD LEHMAN LANGFORD, USN
LT JERRY MARK LONGEST, USN
LT JOHN RATKOVICH, USN
LCDR DOUGLAS HARRIS RAU, USN
LT MICHAEL WAYNE REEDY, USN
LT CATHERINE FISCHER TIEDEMANN, USN
LT MICHAEL FRANCIS TUZZOLO, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

CAPT JAMES D. LINGAR, USMC
CAPT DANIEL F. LYONS, USMC
MAJ PARK, SUNG-NAM, KOREAN AIR FORCE
*CPT DAN A. JOHNSON, USA
*LT BRENT W. JETT, USN
LCDR ROBERT W. KOPP, USN
LCDR WALTER L. ROGERS, USN (With Distinction)
*LT KENNETH V. SMOLANA, USN

MASTER OF SCIENCE IN OPERATIONS RESEARCH

CAPT JEROME A. CLARK, USMC
CAPT IAN H. KEITH, USMC
CPT CHARLES N. BETACK, USA
CPT KENNETH L. PIEPER, USA
CPT MONROE PAYNE WARNER, USA

MASTER OF SCIENCE IN APPLIED SCIENCE

MR. CLAUDE FRANCIS MARTIN, III, NAVAL AIR TEST
CENTER, PATUXENT RIVER, MD

MASTER OF SCIENCE IN MANAGEMENT

CAPT IRIC B. BRESSLER, USMC
CAPT ROBERT H. BUSICK, JR., USMC
CAPT CARL R. PORCH, USMC
1STLT RICHARD V. STAUFFER, JR., USMC
LT JOHN E. FROST, USCG
LT MICHAEL OMATSU, USCG
CPT MOHAMAD AGUS MUSTOFA, INDONESIA AIR FORCE
MAJ MUCHTAR SANTOSA, INDONESIA AIR FORCE
CAPT AZIZ AKGUL, TURKISH ARMY
MAJ BYUNG KWON CHOI, REPUBLIC OF KOREA, ARMY
MAJ TAE YOUNG CHOI, REPUBLIC OF KOREA, ARMY
1LT OZCAN SARUHAN, TURKISH ARMY
LT GRACE E. ALLINDER, USNR
LCDR JAMES M. BAKER, SC, USN (With Distinction)
LCDR DAVID H. BLALOCK, USN
CAPT SHAUL CHOREV, ISRAELI NAVY
LCDR MICHAEL K. CROSBIE, USN
LT DAVID C. ENGLAND, USN
LT GERALD L. FRANCOM, SC, USN
LCDR MICHAEL FUZY, III, SC, USN

LT MICHAEL J. HANSEN, USN
LT KEVIN R. HEMPEL, USN
LCDR JOHN STRATTON HICKY, SC, USN
LT JEFFREY M. HUGHES, USN
LCDR WARD D. JENSEN, SC, USN
LCDR LARRY W. JOHNSTON, SC, USN
LCDR DANIEL M. LIEN, SC, USN
LCDR ROBERT E. LOWE, USNR
LT LARRY J. MACIAS, CEC, USN
LT ROBERT A. MARKS, USNR
LT MICHAEL P. MARTIN, SC, USN (With Distinction)
LCDR GARY D. MOORE, USN
LCDR EDWARD MORGAN, SC, USN
LT ZANE A. MYERS, CEC, USN
LCDR RICHARD J. NAGLE, III, USN
CDR NEAL J. NELSON, USN
LCDR TAI-WEI NIEH, REPUBLIC OF CHINA, NAVY
LCDR CRAIG H. NOSTRANT, SC, USN
LT JOHN H. OBERLE, USN
LT IONE I. PARSHALL, USN
CDR DENNY SUPRADEN PARTASASMITA,
INDONESIAN NAVY
LT DAVID R. PUTNAM, USN
LT JOHN C. SCORBY, JR., USN
LCDR RICHARD L. SPEIGHTS, SC, USN
LCDR MICHAEL E. STABILE, SC, USN (With Distinction)
*LCDR MATTHEW J. STREETER, USN
LT KEVIN M. SWEENEY, USN (With Distinction)
LT MICHAEL L. SZYMANSKI, SC, USN (With Distinction)
LCDR BRENT R. TALLEY, USN
*LCDR MYLES G. VANSTON, SC, USN
CDR JOHN J. WALSH, USN
LT MICHAEL J. WEAVER, USN
LT STEVEN E. WEAVER, USN
LT DAVID K. WRIGHT, USN

MASTER OF SCIENCE IN TELECOMMUNICATIONS SYSTEMS MANAGEMENT

LT MARK W. CERASALE, USCG
CDR BANYONG NISAMANEPPONG, ROYAL THAI NAVY

MASTER OF SCIENCE IN COMPUTER SCIENCE

CAPT WILLIAM O. BREDEN, USMC
CAPT JAMES E. HALL, USMC
CAPT LARRY R. SHANNON, USMC

CAPT MICHAEL C. WINN, USMC
MAJ LAWRENCE R. WRENN, USMC
CAPT LON M. YEARY, USMC
LT STEVEN A. MUNSON, USCG (With Distinction)
LT GORDON K. WEEKS, JR., USCG
CPT MICHAEL J. BIZER, USA
CPT MARK J. CHRISTIAN, USA
CPT WILLIAM T. DRUMMOND, JR., USA
CPT HENRY R. FORE, USA
CPT JOSEPH P. NIZOLAK, USA (With Distinction)
CPT OK DO KYEONG, REPUBLIC OF KOREA, ARMY
CPT CHARLES E. PHILLIPS, USA
CPT DAVID E. QUANTOCK, USA
CPT RANDOLPH P. STRONG, USA
MAJ WILLIAM A. TETER, USA
CPT RODERICK K. WADE, USA
CPT JAMES J. ZANOLI, USA
LT WILLIAM R. AULT, USN
LCDR DAVID H. BEEBE, USN
LT DENISE R. BERNIER, USN
LCDR HERBERT GUENTERBERG, FEDERAL REPUBLIC
OF GERMANY, NAVY
LT ROBERT G. KOPAS, USN
LTJG MEHMET NURI LOFCALI, TURKISH NAVY
LT MICHAEL M. MAYER, USN (With Distinction)
LT DEBORAH A. MCGHEE, USN
LT WINFRED P. PIKELIS, USN
LCDR ROBERT D. POWELL, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

LT WILLIAM F. BENAGE, JR., USN
LT FAN, TZU-CHUNG, REPUBLIC OF CHINA, NAVY
LT DOUGLAS B. NORDMAN, USN
LTJG PATRICIO J. SALGADO, ECUADORIAN NAVY
LT JOHN J. VINIOTIS, USN
LCDR MICHAEL A. WITT, USN

MASTER OF SCIENCE IN METEOROLOGY

CAPT ALFRED BEN BACON, USAF
CAPT ANDREW PETER BOERLAGE, USAF
CAPT AMY EVANS CHALFANT, USAF
2LT KRISTINA BAKKE MONK, USAF (With Distinction)

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT JEFFREY SCOTT BEST, USN
LCDR GLEN HERSCHEL CARPENTER, USN
LCDR CHRISTOPHER ROBERT GUNDERSON, USN
(With Distinction)
LT MARCIA L. JONES, USN
LCDR DAVID W. MCSHANE, USN
LT RICHARD H. REECE, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LCDR FREDERIC STROHM, FRENCH NAVY (With Distinction)

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

CAPT DAVID A. HARRIS, CANADIAN AIR FORCE
CAPT JOSEPH ARMAND ROBERT PERRON,
CANADIAN AIR FORCE
LT AO, CHIA NING, TAIWAN NAVY
LT RICHARD P. BRECKENRIDGE, USN
LT PETER ROBERT MCKENZIE CAMPBELL,
ROYAL AUSTRALIAN NAVY
LT ROBERT C. DEES, USN
LT JAMIE A. FLAYHARTY, USN

MASTER OF SCIENCE IN PHYSICS

CAPT JOSEPH ARMAND ROBERT PERRON,
CANADIAN AIR FORCE
LT MICHAEL V. HENSON, USN
LT RENEE PIETRUSZKA, USN
LT JEFFREY L. TURNER, USN

MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY (SPACE SYSTEMS OPERATIONS)

LT GRAHAM M. HOLMES, USN
LT ROBERT J. POTOCHNEY, JR., USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING (SPACE SYSTEMS ENGINEERING)

CPT RONALD B. BYRNES, USA
MAJ WILLIAM J. PARTRIDGE, USA
LT CHARLES B. CAMERON, USN (With Distinction)
LT CARLOS DEL TORO, USN
LT ROBERT A. HOUSE, USN
LCDR GREGORY F. MANSFIELD, USN
LT ROBERT S. SOMMERS, USN

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

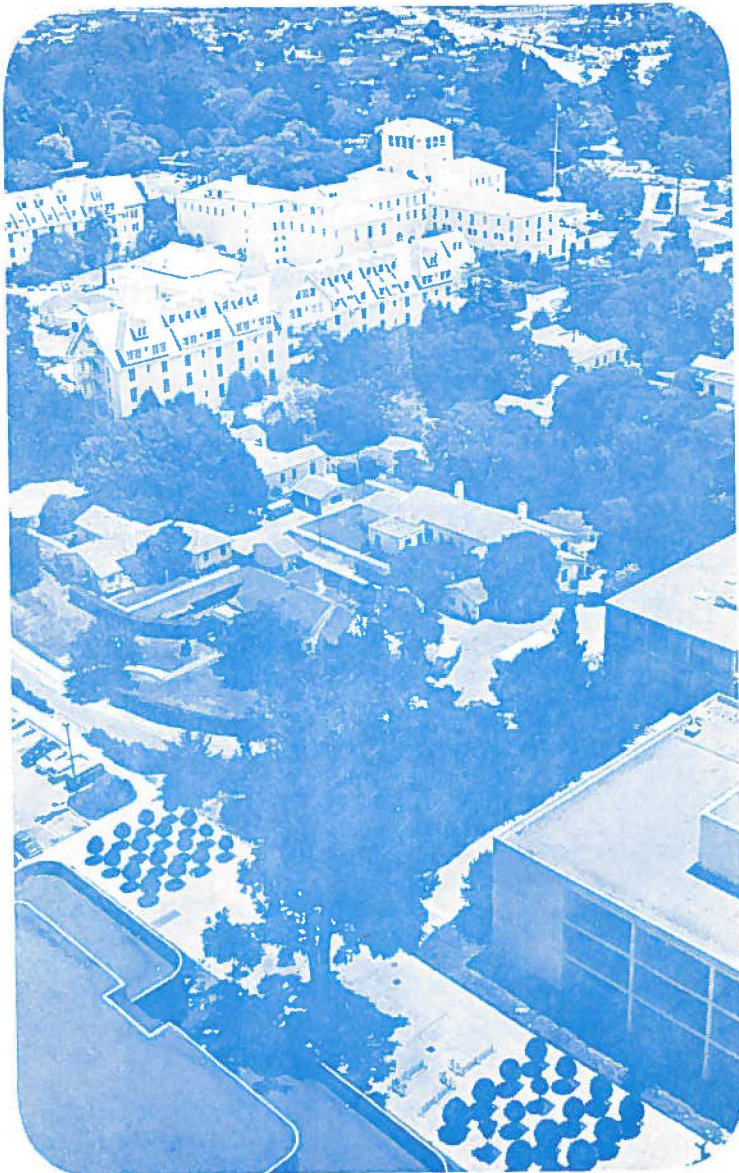
CAPT JAMES G. BREWSTER, JR., USAF
MAJ FREDERIC T. CASE, USAF
CAPT JAMES M. LIEPMAN, JR., USAF
CAPT JOSEPH T. MCCARTIN, II, USAF
MAJ TERREL S. PRESTON, USAF
CAPT CARL A. RAICHE, USAF
CAPT SCOTT A. SWANSON, USAF

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

LT MARK ARMAND BEAULIEU, USN

Those officers 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, 57% are in the United States Navy, 26% 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 340 professors, 91% civilian and 9% military, many of whom are internationally recognized in their respective fields. Three fourths of the civilian faculty 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 \$16 million of research is conducted or administered annually from this campus.

The School is administered by the Superintendent (RADM Robert C. Austin) who is assisted by a Provost. 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 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.

