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# Naval Postgraduate School Graduation Exercises / Class of March 1996

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

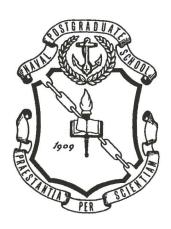
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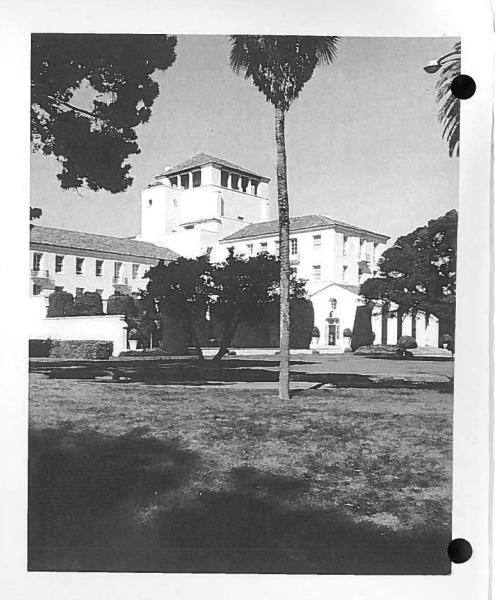
Dudley Knox Library / Naval Postgraduate School 411 Dyer Road / 1 University Circle Monterey, California USA 93943

# NAVAL POSTGRADUATE SCHOOL



Graduation Exercises

10:30 A.M. Thursday 28 March 1996



## NAVAL POSTGRADUATE SCHOOL ADMINISTRATION

Superintendent RADM MARSHA J. EVANS, USN

Provost DR. RICHARD S. ELSTER

Dean of Students and Director of Programs CAPT JAMES J. MILLER, USN

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

Dean of Engineering and Computational Sciences DR. JOHN P. POWERS

Dean of Operational and Applied Science DR. PETER PURDUE

Dean of Research (Acting)
DR. GORDON E. SCHACHER

Director of Military Operations CAPT JON B. SCHMIDT, USN



## VICE ADMIRAL PHILIP M. QUAST Commander, Military Sealift Command

Vice Admiral Philip Quast, a native of Sheboygan, Wisconsin, was commissioned an ensign in the U.S. Naval Reserve in 1961. His initial assignment was aboard USS MATTHEWS (AKA 96) where he served as a Boat Group Commander.

A variety of seagoing assignments followed: Navigator aboard USS KING (DLG 10); Weapons Officer aboard USS TWINING (DD 940); Commander, River Patrol Division 532, Vietnam, and Executive Officer, USS TALBOT (DEG 4). He was the Commanding Officer of the USS BENJAMIN STODDERT (DDG 22) (1978-1981) and the Commissioning Commanding Officer of USS BUNKER HILL (CG 52), (July 1985 to April 1988). While on BUNKER HILL's initial Western Pacific deployment, he served as Commander of the Battleship MISSOURI Battle Group supporting U.S. flag tanker transits through the Straits of Hormuz. During Desert Storm, as Commander, Cruiser-Destroyer Group Three, he commanded the Nimitz Battle Group.

Vice Admiral Quast's shore assignments include: Instructor of Naval Science at the California Maritime Academy; Personnel Program Officer of the Commander, Cruiser-Destroyer Force, U.S. Atlantic Fleet; Instructor of Weapons System Engineering and Battalion Officer for the Brigade of Midshipmen at the U.S. Naval Academy and Junior Officer Assignment Branch Head, Bureau of Naval Personnel.

Vice Admiral Quast's initial flag officer assignment was as Head of the Assignment Division, Naval Military Personnel Command in 1988. He then served on the staff of the Chief of Naval Operations, as Director, Total Force Programming/Manpower Division and as Director, Military Personnel Policy Division. Vice Admiral Quast's most recent assignment was as Director, Surface Warfare Division, Chief of Naval Operations staff.

Vice Admiral Quast's personal decorations include: the Legion of Merit with three Gold Stars in lieu of subsequent awards; Bronze Star with Combat "V" and one Gold Star; Meritorious Service Medal and the Navy Commendation Medal. Vice Admiral Quast was the first recipient of the Admiral James Stockdale Leadership Award for the Pacific Fleet in recognition of his performance as the Commanding Officer of USS BENJAMIN STODDERT.

Vice Admiral Quast holds a Bachelor of Science Degree from Carroll College in Waukesha, Wisconsin and a Masters Degree from Marymount College (Virginia). He is a graduate of the Armed Forces Staff College, the Naval War College (Staff Course) and the National Defense University.

Vice Admiral Quast is married to the former Peggy Lord of Santa Barbara, California, and they have a family of five children.



# DR. RICHARD S. ELSTER Provost Naval Postgraduate School

Richard Elster was born on 3 December 1939. He attended the University of Minnesota in Minneapolis where he received the degrees of Bachelor of Arts, Master of Arts, and Doctor of Philosophy.

In January of 1969, he joined the faculty of the Naval Postgraduate School. His teaching focused on DoD manpower, personnel and training policies. From 1 July 1975 to 1 July 1978, he was on leave from the Naval Postgraduate School. During that period, he worked in the Office of the Assistant Secretary of Defense (Manpower and Reserve Affairs), and as Senior Scientific Advisor to the Deputy Chief of Naval Operations (Manpower)/Chief of Naval Personnel, Admiral James D. Watkins.

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

During the period of 1984-1988, he served as Deputy Assistant Secretary of the Navy for Manpower. Additionally, he was Acting Assistant Secretary of the Navy (Manpower & Reserve Affairs) during the period 7 April - 28 June 1988.

In 1989, he filled the Chief of Naval Operation's manpower chair at the Naval Postgraduate School. During January-September 1990, he was Deputy Assistant Secretary of Defense for Resource Management and Support. He was named Dean of Instruction at the Naval Postgraduate School in September 1990 where he served in this role until June 1995. On July 1, 1995 he was named Provost/Academic Dean of the Naval Postgraduate School.

#### **PLATFORM PARTY**

### FIRST ROW (Left to Right)

Captain John M. Wright USN

Command Chaplain Naval Postgraduate School

Colonel James A. Gillis USMC Commanding Officer 23rd Marines San Rafael

Colonel IIa Mettee-McCutchon USA

Garrison Commander Presidio of Monterey

Vice Admiral Philip M. Quast USN

Commander, Military Sealift Command Washington, D.C.

Rear Admiral Marsha J. Evans USN

Superintendent Naval Postgraduate School

Dr. Richard S. Elster Provost Naval Postgraduate School

Mr. Dan Albert Mayor of the City of Monterey

Mr. Paul Hoffman President, Monterey Peninsula Council Navy League

Captain James J. Miller USN Dean of Students and Director of Programs Naval Postgraduate School

### SECOND ROW (Left to Right)

Dr. Herschel H. Loomis
Department of Electrical Engineering

Dr. Terry R. McNelley
Department of Mechanical Engineering

Dr. Daniel Collins
Department of Aeronautical and
Astronautical Engineering

Dr. Frank Teti Department of National Security Affairs

Dr. Bill Garwood
Department of Meteorology and Physical
Oceanography

Dr. Reuben Harris
Department of Systems Management

Captain Frank Petho, USN Department of Operations Research

Dr. Ted Lewis
Department of Computer Science

Dr. Richard Franke
Department of Mathematics

Dr. James Eagle Undersea Warfare Academic Group

Dr. William Colson Department of Physics

#### THURSDAY - MARCH 28, 1996 PROGRAM

Processional
Professor Milton Bank Marshall
Professor David Canright Marshall
Professor James Fremgen Marshall
Lieutenant Colonel William Johnson, U.S. Marine Corps Marshall
Invocation
Introduction of Speaker Rear Admiral Marsha J. Evans, Superintendent
Address to Graduates Vice Admiral Philip M. Quast Commander, Military Sealift Command
Presentation of Awards Provost
Presentation of Candidates Department Chairman
Announcement of Degrees Provost
Benediction* Chaplain John M. Wright
Recessional

Notes: The Superintendent cordially invites, graduates, faculty, and guests to a reception in honor of the graduates in the 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**

Systems Management
Curricular Officer - CDR Michael P. Tryon, USN
Assistant Curricular Officer - LT Kenneth Grimes, USN

#### **Academic Associates**

Transportation Logistics Management - Professor Susan Hocevar
Transportation Management - Professor Susan Hocevar
Acquisition and Contract Management - Professor David Lamm
Systems Acquisition Management - Professor David Lamm
Defense Systems Analysis (DoD Services - Non Navy) Professor James Suchan
Defense Systems Management (International) - Professor Roger Evered
Systems Inventory Management - Professor Don Eaton
Resource Planning and Mgmt for International Defense - Professor Roger Evered
Material Logistics Support Management - Professor Don Eaton
Financial Management - Professor Douglas Moses
Manpower, Personnel, Training and Analysis - Professor Stephen Mehay
Information Technology Management - Professor Carl R. Jones

## Aerospace Engineering Curricular Officer - CDR Frank Cina, USN

**Academic Associates** 

Aeronautical Engineering - Professor Gerald Lindsey Aeronautical Engineering Avionics - Professor Gerald Lindsey

#### Meteorology and Physical Oceanography Curricular Officer - LT Mark W. Mickelinc, USN

**Academic Associates** 

Meteorology - Professor Roger T. Williams
Oceanography - Professor Roland W. Garwood
Meteorology and Physical Oceanography - Professor Williams/Professor Garwood
Operational Oceanography - Professor C. S. Chiu

#### Undersea/Space/Electronic Warfare Curricular Officer - CDR Robert J. Young, USN

Academic Associates

Undersea Warfare - Professor James Sanders Electronic Warfare - Professor David Jenn Space Systems Operations - Professor Dan C. Boger Space Systems Engineering - Professor Oscar Biblarz

## Joint Command, Control, Communications, Computers & Intelligence (C4I) System

Curricular Officer - LTCOL Ernest K. Beran, USAF

Academic Associates

Joint Command, Control and Communications Computers, and Intelligence (C4I) Systems - Professor Dan C. Boger

Scientific and Technical Intelligence - Professor Dan C. Boger (Acting)

#### **Electronics and Computer Programs**

Curricular Officer - CDR Robert H. Ellis, USN

Assistant Curricular Officer - LT Eric Bachmann, USN

**Academic Associates** 

International - Professor Rama Janaswamy

Non-Navy - Professor Ron J. Pieper

Navy - Professor R. Clark Robertson

Computer Science - Professor Michael J. Zyda

### **National Security and Intelligence**

Curricular Officer - CDR Mark A. Machin, USN

Academic Associates

Area Studies - Professor David Yost

Strategic Planning and International Organizations & Negotiations

Professor James Wirtz

Intelligence - CDR Peter R. Hull, USN

Special Operations/Low Intensity Conflict (SOLIC)

Professor Gordon McCormick

Regional Planning & Mgmt for International Defense (REPMID)

Professor Roger Evered

#### **Naval Mechanical Engineering**

Curricular Officer - CDR William E. Grav. USN

Academic Associate

Naval Engineering - Professor Morris Driels

#### **Operations Research**

Curricular Officer - CDR Douglas D. Grau, USN

**Academic Associates** 

Operations Research - Professor Glenn Lindsay

Operational Logistics - Professor David Schrady

Advanced Science (Applied Math) - Professor Maurice Weir

### Combat Systems Sciences and Technology Curricular Officer - CDR Michael A. Witt, USN

**Academic Associate** 

Combat Systems - Professor James Sanders

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

### MARCH 1996 GRADUATION AWARDS

Monterey Council Navy League Award for Highest Academic Achievement -

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 - LT Christopher James Page, USN 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 - MAJ Kian Wah Hong, Republic of Singapore Navy Presented quarterly to a graduating military or civilian non-U.S. citizen student who has exhibited outstanding academic achievement, conducted notable thesis research, maintained motivation and a serious interest in the community, and who has interacted well with other students in the interest of international alliance.

Naval Postgraduate School Superior Service Award - Capt J. R. Flatter, USMC Presented to a graduating student who has demonstrated outstanding dedication to service while at NPS. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

Marine Corps Association Superior Service Award for Outstanding U.S.

Marine Corps Student - Maj Joel Yourkowski, 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.

Armed Forces Communications and Electronics Association Award -

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 Craig T. Schnauppner, 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 Kenneth H. Munson, 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.

### Joint Assistant Secretary of Navy (Research, Development and Acquisition) American Defense Preparedness Award for Excellence in Undersea Warfare Technology - LT David W. McClarin, USN

Presented annually at the March graduation ceremony to an outstanding officer student who successfully completes any curricular program and a thesis which demonstrates outstanding potential for application to undersea warfare technology.

Chief of Naval Operations Undersea Warfare Award - LT Ray A. Stapf, USN Sponsored by the National Security Industrial Association and presented in recognition of distinguished academic achievement to the USW Curriculum graduate who has demonstrated outstanding academic performance and exhibited those qualities indicative of an outstanding military officer.

# Naval Sea Systems Command Award in Naval Engineering - LCDR James A. Speer, 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.

# Chief of Naval Operations Award for Academic Excellence in Manpower, Personnel, and Training Analysis - LCDR Pete Kovach, USN

Presented annually to an outstanding U.S. Naval Officer student or OP-01 sponsored civilian in the Manpower, Personnel, and Training curriculum. The award is based on an outstanding academic record, thesis quality and leadership ability.

# Systems Management Faculty Award for Excellence in Management - LT Christopher James Page, USN

Presented semiannually to a student in any of the Systems Management curricula. The award is based on exceptional academic ability and is presented only when the caliber of potential nominees is considered high enough to make a presentation of award.

### Rear Admiral Grace Murray Hopper Computer Technology Award -LT Christopher James Page, USN, LT Hannelore Campbell, USN, and LT Michael S. Campbell, USN

Presented in recognition of excellence in the Computer Technology program to the outstanding graduate in Computer Science and Information Technology Management who has demonstrated outstanding academic performance, thesis quality and leadership ability.

United States Naval Institute Award - ★ LT Harold W. Williams, USN Presented to a student 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 GRADUATES

## DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING CDR Robert J. Voigt, USN

### DOCTOR OF PHILOSOPHY IN AERONAUTICAL ENGINEERING Mr. Richard J. Margason, NASA Ames

#### **MECHANICAL ENGINEER**

LT Michael S. Feyedelem, USN (With Distinction)

## AERONAUTICAL AND ASTRONAUTICAL ENGINEER LT Grant Boehler Stephenson, USN

### MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

### MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Maj Joel Yourkowski, USMC (With Distinction)
Capt Soon Ho Jeong, Korean Army
LT Michael S. Campbell, USN
LTJG Emmanouil Christofis, Hellenic Navy
LT Timothy M. Ciocco, USN
LCDR Hsien-Ming Hsu, Taiwan Navy
LT Douglas A. Jenik, USN
LTJG Dimitrios Kavoulakos, Hellenic Navy
LT Christopher S. Mooney, USN
LT Jeffrey L. Nowlin, USN
LT Joseph R. Robert, Jr., USN
LT Konstantinos Vlachos, Hellenic Navy

### MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LT Richard E. Cunningham, USN
LT Michael S. Feyedelem, USN (With Disitinction)
LT Robert Bailey James, USN
LT Kenneth Sheridan Long, USN
LT Matsumoto Kazuhiro, Japan Maritime Self Defense Force
LT Dennis W. McFadden, USN
LTJG Stavros Papanikolaou, Hellenic Navy
LCDR Arthur W. Scrivener, USN

<sup>★ -</sup> Denotes students who are presented in absentia.

LCDR James A. Speer, USN (With Distinction) LT Ronald Robert Van Court, USN LTJG Vassilios P. Vassiloyanakopoulos, Hellenic Navy LT Jerome Zinni, USN

## MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

LCDR Ramon A. Collazo, Jr., USN LT John H. Harris III, USN LT James A. Hill, USN LT Matthew A. LeTourneau, USN (With Distinction) LCDR Miguel A. Ortiz, USN LT Louis P. Partida, USN CDR Dennis Joseph Reilly III, USN LT Robert N. Severinghaus, USN LT Fritzelas Anastasios, Hellenic Navy

## MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT Troy L. Teadt, USN LCDR Scott A. Tessmer, USN LCDR Benny H. Webb, USN

# MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT Eric J. Hendrickson, USN LT Carther Frederic Jorgensen, USN LT Ray Stapf, USN

## MASTER OF SCIENCE IN MANAGEMENT

Capt Brian J. Dean, USMC Capt Loren J. Dugan, USMC Capt Leonard L. Etcho, Jr., USMC Capt Cheryl L. Fitzgerald, USMC Capt J. R. Flatter, USMC Capt Bruce W. Neuberger, USMC Maj William E. Taylor, USMC Maj Lloyd R. Whitworth, USMC Capt Ronald J. Wielsma, USMC MAJ Cho, Chul Gyu, Korean Army CPT James D. Kinkade, USA (With Distinction) MAJ Tu, Li-Wei, Taiwan Army LT Barry Bakos, USN LT Glenn E. Bautista, USN LT Alice E. Bellafiore, USN LCDR John R. Boufford, USN LT Tracy Lynn Butterfield, USNR LT Matthew Francis Coughlin, USN LT Anthony Wayne Frabutt , USN LT Kimberly L. Fuchs, USN

LT Robin Sonsiarie Fuller, USN LT Enrique Guerra Franyutti, USN LT Steven James Haveraneck, USN LCDR John D. Jung, USN LT Chong K. Kim, USN LCDR Pete Kovach, USNR LCDR Robert Lineberry, USN LT Colleen A. Matthews, USN ★LT Christie L. McCarthy, USN LT John J. McGrath, Jr., USN LT David Cole Meyers, USN LCDR Daniel Anthony Palko, USN LT John Edward Podolak, Jr., USN LT Kimberly A. Ransom, USN CDR Shaari Abdul Raof, Malaysian Navy LT David Riebel, Jr., USN LCDR Frank Rogge, German Navy (With Distinction) LCDR Cary A. Simon, USN LT Sheryl L. Tannahill, USN LT Sandra L. Whatley, USN LCDR Sven-Olaf Wittenburg, German Navy

### MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

Capt Jean D. Reese, USMC Capt Robert Williams, USMC CPT Paul J. Haffey, USA CDR Ir. Mochamad Arum, Indonesian Navy LT Lawrence Jay Brachfeld, USN LT David Glen Brownlee, USN LCDR John T. Casler, USNR ★LCDR Carlos M. Chavez, USN (With Distinction) LT Eugene David Costello, USN LT Christopher John Gaucher, USN LT Gary A. Gotham, USN LCDR Judie Ann Heineman, USN LT Matthew Sterling Herl, USN LT Nina Ree Kenmore, USN LT Diane M. Koczela, USN LCDR Li, Hsiu-Shan, Taiwan Navv LT Evangelos Marinos, Hellenic Navy (With Distinction) LT Christopher James Page, USN (With Distinction) LT John R. Palumbo, USN LCDR Patrick Eugene Protacio, USN LT Gregory Allen Rehard, USN LT Patricia May Rogers, USN LT Dennis J. Walsh, Jr., USN LT Timothy Jarrod West, USN

LCDR Brian A. Zirbel, USN

## MASTER OF SCIENCE IN OPERATIONS RESEARCH

Capt Stephen C. Pellegrino, USMC LTCOL Chang, Ching-Nian, Taiwan Army LCDR David J. Adams, USNR-TAR LT Raymond J. Benedict, USN LT Theodore A. Biggie III, USN LT Joseph R. Dundas, USN LT Aaron S. Ellison, USN LT David F. Fuller II, USNR LT William M. Gross, USN

LT Michael A. Hollister, USN LT George H. Honeycutt II, USN

MAJ Hong, Kian Wah, Republic of Singapore Navy (With Distinction)

LT Luis A. Maldonado, USN

LT Kenneth H. Munson, Jr., USN (With Distinction)

LT Clifford C. Salonga, USN LT Craig T. Schauppner, USN LCDR Song, Shin-Jen, Taiwan Navy

## MASTER OF SCIENCE IN COMPUTER SCIENCE

Capt John D. Fulp, USMC Capt Scott R. Grosenheider, USMC LT Michael L. Burns, USN LT Hannelore Campbell, USN (With Distinction) LT Michael S. Campbell, USN (With Distinction) LT Kevin M. Coyne, USN LT Daniel L. Currie III, USN LCDR Ruey-Wen Hong, Taiwan Navy LT Bradley J. Leonhardt, USN LT David W. McClarin, USN LCDR Thomas D. McKenna, USN LT Matthew G. Moore, USN LT Tuan Anh Nguyen, USNR LT Athanassios Papadatos, Hellenic Navy LT Leonard V. Remias, USN LCDR Rüdiger Steven, German Navy LT Bryan C. Stewart, USN LT David R. Wootten, USNR

## MASTER OF SCIENCE IN APPLIED MATHEMATICS LCDR Shih-Hsiung Chen, Taiwan Navy

## MASTER OF SCIENCE IN APPLIED PHYSICS

LT James E. Barrows, USN LT Paul Francis Stevens, USN

MASTER OF SCIENCE IN PHYSICS MAJ Lim, Chin Huat, Republic of Singapore Navy

#### **MARCH 1996 THESIS ADVISORS**

**Assoc Prof Anthony Atchiey** \*Prof Robert Ball \*Asst Prof Hemant Bhargava \*Prof Dan Boger **Prof Gerald Brown** \*Asst Prof Don Brutzman Lecturer Rex Buddenberg \*Vstng Asst Prof Amie Buss \*Prof Charles Calvano Assoc Prof Ching-Sang Chiu Assoc Prof Anthony Clavarelli \*Asst Prof John Clezki **Prof Curtis Collins Prof Daniel Collins** \*Vstng Asst Prof Mike Cook Senior Lecturer Alice Crawford \*LCDR John Daley, Lecturer \*Prof Kenneth Davidson \*Asst Prof Robert Dell \*Asst Prof Sandra M. Desbrow \*LCDR Julie Dougherty, Lecturer \*Assoc Prof Richard Doyle Assoc Prof Philip A. Durkee \*Prof James Emery Assoc Prof Mark J. Eitelberg \*Prof Kenneth Euske **Prof Roger Evered** Lecturer John Falby **Assoc Prof Monique Fargues** Asst Prof Douglas J. Fouts \*Prof Hal Fredricksen \*Assoc Prof William Gates \*Dist Prof Donald P. Gaver Prof Trl Ha LCDR Richard Harkins, Lecturer \*Prof Anthony Healey \*Vstng Assoc Prof S. K. Hebbar Asst Prof Thomas H. Herbers Vstng Assoc Prof Gregory G. Hildebrandt Prof T. Sarpkaya

\*Assoc Prof Garth Hobson

Asst Prof Susan Hocevar

**Prof David Hsiao** Senior Lecturer Wayne P. Hughes \*Asst Prof Cynthia Irvine Assoc Prof Rama Janaswamy **'Prof Carl Jones** \*Assoc Prof Magdi Kamel \*Asst Prof Issac Kaminer \*Prof Yutaka Kanayama Assoc Prof Keebom Kang \*Asst Prof William Kemple \*Assoc Prof Young Kwon **Asst Prof Peter Lavoy** \*Assoc Prof Siriphong Lawphongpanich Assoc Prof H.M. Lee Senior Lecturer Fredrick Levien Lecturer Cynthia Levy \*Prof Ted Lewis **Prof Gerald Lindsey** \*Prof Hershel Loomis, Jr. \*Assoc Prof G. M. Lundy **Prof Xavier Maruyama Lecturer Marty McCaffrey** \*Prof Robert McGhee \*Prof Terry McNelley \*Prof Steve Mehay \*Prof Paul R. Milch Senior Lecturer Rodney K. Minott \*Assoc Prof Paul H. Moose \*Prof David Netzer **\*Asst Prof Jeffrey Paduan** \*Assoc Prof Fotos Papoullas Prof Jeffrey A. Perkins \*Prof Max Platzer \*Prof Robert R. Read \*Prof Nancy Roberts Assoc Chair R. Clark Robertson Prof Richard E. Rosenthal \*Prof Joseph San Miguel

\*Prof Norman Schneidewind \*Prof David A. Schrady \*Prof Young S. Shin \*Assoc Prof Man-Tak Shing **Asst Prof Shridhar Shukla** Vstng Asst Prof Suresh Sridhar \*Vstng Instructor Roger Stemp Assoc Prof James Suchan **Assoc Prof Gall Fann Thomas** \*Prof Edward B. Thornton Asst Prof Scott D. Tollefson \*Assoc Prof Murali Tummala Assoc Prof Donald Walters Lecturer Linda Wargo \*Prof Carlyle Wash Prof Alan R. Washburn \*Asst Prof Natalle Webb **Prof Max Woods** \*Prof E. Robert Woods Prof Edward Wu \*Assoc Prof Thomas Wu **Assoc Prof Xiaoping Yun** \*Prof Michael J. Zyda

(\*) Denotes Advised multiple Thesis

**CAPT James Scaramozzino** 

#### 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 37 different curricula split between 10 academic departments and 4 academic groups. Each curriculum is tailored to provide the academic requirements for an accredited advanced degree and meet the additional educational skill requirements necessary for subsequent assignments. Officers are obliged to remain in service for about four years after they complete their schooling.

Students arrive every quarter, with the heaviest influx entering in January and July. Of the approximately 1500 students now enrolled, about 75 percent are in the United States Navy and Marine Corps, 15 percent are from other United States services, and the remaining 10 percent are from allied countries.

Many of the 350 professors at the school are internationally recognized in their respective fields. In order to keep abreast in their areas of expertise, faculty members conduct research beneficial to many governmental agencies. Over 27 million dollars of research is conducted or administered annually at the school.

The Superintendent, RADM Marsha J. Evans, with the assistance of Provost Richard S. Elster, guides the school in its endeavors. There is also a civilian Dean of Management and Security Affairs, Dean of Engineering and Computational Sciences, Dean of Operational and Applied Science, Dean of Research, and two U.S. Navy captains who serve as the Dean of Students/Director of Programs and Director of Military 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 the rich history of both the school and the Old Del Monte Hotel through displays and artifacts.

