



1999-12

Naval Postgraduate School Graduation Exercises / Class of December 1999

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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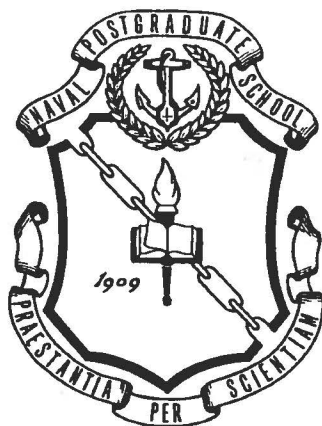
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NAVAL POSTGRADUATE SCHOOL

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1999



Graduation Exercises

*10:30 a.m.
Thursday
Decemberr 16, 1999*

**NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION**

**Superintendent
RADM ROBERT C. CHAPLIN, USN**

**Provost
DR. RICHARD S. ELSTER**

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

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

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

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

**Dean of Research
DR. DAVID NETZER**

**Commanding Officer
Naval Support Activity, Monterey Bay
CAPTAIN DEANE K. GIBSON, USN**

**Rear Admiral Keith W. Lippert
Commander, Naval Supply Systems Command/
Chief of Supply Corps**

Rear Admiral Keith W. Lippert became Commander, Naval Supply Systems Command and 41st Chief of Supply Corps in August 1999. Prior to his current assignment, Rear Admiral Lippert served for two years as Vice Commander, Naval Supply Systems Command.

Rear Admiral Lippert is a native of Chicago, Illinois, and graduated from School Plains-Hanwood High School in Scotch Plains, New Jersey, in 1965. He earned his commission through the regular Navy ROTC Program, graduating from Miami University, Oxford, Ohio, with a Bachelor of Arts degree in Mathematics in 1968. Additionally, he holds master's degrees from the Naval Postgraduate School: Management in 1969 and Operations Research, with distinction, in 1975. In 1994, he attended the Senior Executive Program in National and International Security at the John F. Kennedy School of Government, Harvard University.

Rear Admiral Lippert's sea duty tours include Supply Officer of USS QUEENFISH (SON 6E), Assistant Supply Officer of USS SIMON LAKE (AS 33), and Supply Officer of USS CANORUS (AS 34). Shore duty tours include assignments as Assistant Comptroller, Commander Submarine Force, U.S. Pacific Fleet; Operations Research Officer at the Navy Ships parts Control Center, Mechanicsburg, Pennsylvania; Inventory Analysis Staff, Naval Supply Systems Command, Washington, D.C.; Executive Officer, Naval Supply Center, Jacksonville, Florida; and Director, Spares Programs and Policy Branch in the Office of the Deputy Chief of Naval Operations for Logistics.

In 1990 he rejoined the Naval Supply Systems Command as the Deputy Commander for Financial Management/Comptroller, with budget responsibility for a worldwide, multibillion dollar supply system. While serving as Comptroller he was responsible for Navy's successful Inventory Reduction Program.

From July 1993 - July 1995, Rear Admiral Lippert served as the Commander, Defense General Supply Center, Richmond, Virginia. In August 1995, he became the first Commander, Naval Inventory Command Point (NAVICP), with offices in Philadelphia, Pennsylvania, and Mechanicsburg, Pennsylvania.

Rear Admiral Lippert was promoted to Rear Admiral (upper half) in October 1998. His personal awards include the Defense Superior Service Medal, two Legions of Merits, four Meritorious Service Medals, two Navy Commendation Medals, Navy Achievement Medal, and Submarine Supply Dolphins. He is the recipient of the Society of Logistics Engineers 1992 International Award for outstanding performance in financial management/inventory control.

REAR ADMIRAL ROBERT C. CHAPLIN
Superintendent
Naval Postgraduate School

Rear Admiral Robert C. Chaplin was born in Fort Knox, Kentucky and graduated from Fort Knox High School. He attended the United States Naval Academy where he received his commission and Bachelor of Science degree upon graduation in 1970.

Admiral Chaplin was designated a naval aviator in January 1972 and reported to NAS Bermuda. In October 1975, he reported to Helicopter Anti-Submarine Squadron Light (HSL)-32 and served on various detachments and as Officer in Charge aboard USS RICHARD L PAGE (FFG-5).

In January 1979, Admiral Chaplin reported to Naval Postgraduate School, Monterey, California and earned a Master of Science degree in Computer Systems Management. He later reported to HSL-36 in Mayport, Florida and served on various detachments as Officer in Charge. In August 1982, he reported to Commander Seabased Anti-Submarine Warfare Wing Atlantic as the Flag Secretary.

In June 1984, Admiral Chaplin assumed duties as Executive Officer for HSL-42, the first East Coast LAMPS MK III Squadron. He took command of the squadron in March 1986. Following this tour, he reported to USS IWO JIMA (LPH 2) as Operations Officer. In September 1988 he served as Commanding Officer for HSL-41, the SH-60 Fleet Replacement Squadron in San Diego, California. After this tour, Admiral Chaplin reported to the Pentagon in Washington, DC where he worked for the Assistant Chief of Naval Operations Air Warfare as the Special Assistant for the Flying Hour Program.

Rear Admiral Chaplin assumed command of USS INCHON (LPH 12) in September 1991. In June 1993, he assumed command of USS WASP (LHD 1) while the ship was deployed to the Persian Gulf. He participated in Operations RESTORE and CONTINUE HOPE off the coast of Somalia and Operations SUPPORT and UPHOLD DEMOCRACY off the coast of Haiti. After this tour, he was appointed Director, Plans and Policy, U.S. Transportation Command, Scott Air Force Base, Illinois. In July 1996, Rear Admiral Chaplin was promoted to Flag Rank and in November reported as Commander, Amphibious Force, U.S. SEVENTH FLEET. In March 1998 Admiral Chaplin received his second star and became the Superintendent of the Naval Postgraduate School.

Rear Admiral Chaplin's personal awards includes the Defense Superior Service Medal, Legion of Merit (with two Gold Stars), the Meritorious Service Medal (with three Gold Stars), Navy Commendation Medal, and various campaign and unit awards.

He and his wife, the former Janice Doult of Dover, Ohio, have two sons, Jason and Jamie, who reside in Kentucky.

DR. RICHARD S. ELSTER
Provost
Naval Postgraduate School

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

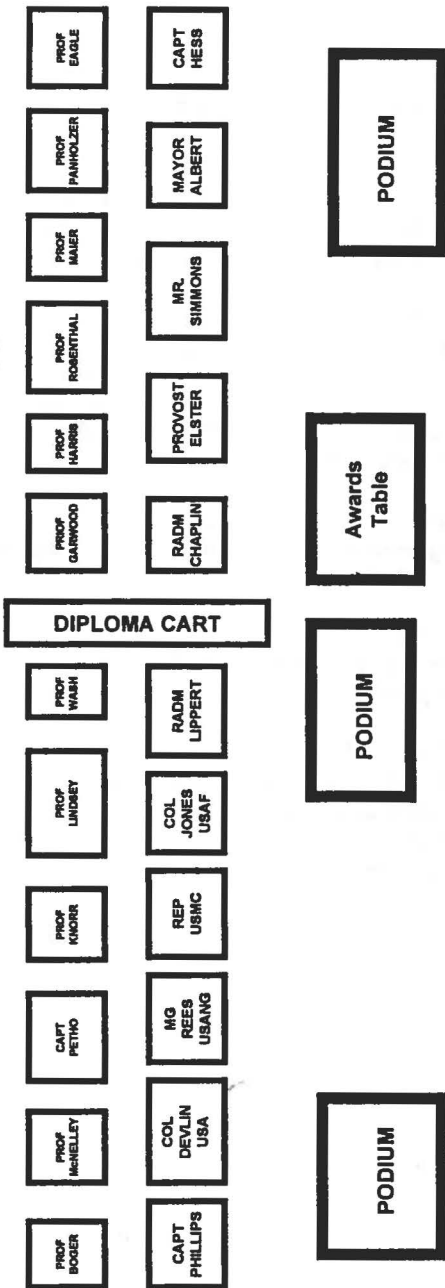
In January of 1969, he joined the faculty of the Naval Postgraduate School. His teaching focused on DoD manpower, personnel and training policies. From 1 July 1975 to 1 July 1978, he was on leave from the Naval Postgraduate School. During that period, he worked in the Office of the Assistant Secretary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

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

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

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

**SECOND ROW - DEPARTMENT HEADS
OR
REPRESENTATIVES**



PLATFORM PARTY

FIRST ROW (Left to Right)

**Captain Robert J. Phillips
USN, CHC
Command Chaplain
Naval Postgraduate School**

**Colonel Daniel D. Devlin
USA
Commandant/Installation Commander
Defense Language Institute
Foreign Language Center
Monterey**

**Major General Raymond F. Rees
USANG
Vice Chief, National Guard Bureau
Washington D.C.**

**U.S. Marine Corps Representative
Naval Postgraduate School**

**Colonel Johnny Jones
USAF
Assistant Commandant
Defense Language Institute**

**Rear Admiral Keith W. Lippert
USN
Commander
Naval Supply Systems Command/
Chief of Supply Corps
Washington D.C.**

**Rear Admiral Robert C. Chaplin
USN
Superintendent
Naval Postgraduate School**

**Dr. Richard S. Elster
Provost
Naval Postgraduate School**

**Mr. Robert Simmons
Vice President, Monterey Peninsula Council
Navy League**

**Mr. Dan Albert
Mayor of Monterey**

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

SECOND ROW (Left to Right)

**Dr. Dan C. Boger
Computer Science, Joint C-3 Academic Group,
and Special Operations Curriculum**

**Dr. Terry M. McNelley
Department of Mechanical Engineering**

**Captain Frank Petho
Department of National Security Affairs**

**Dr. Jeffrey Knorr
Department of Electrical and
Computer Engineering**

**Dr. Gerry Lindsey
Department of Aeronautical and
Astronautical Engineering**

**Dr. Chuck Wash
Department of Meteorology**

**Dr. Roland W. Garwood
Department of Oceanography**

**Dr. Reuben Harris
Department of Systems Management**

**Dr. Richard Rosenthal
Department of Operations Research**

**Dr. William B. Maier
Department of Physics**

**Dr. Rudolph Panholzer
Space Systems Academic Group**

**Dr. James Eagle
Undersea Warfare Academic Group**

Processional	The Marshalls
Professor Alfred Cooper	Marshall
Professor Steve Baker	Marshall
Professor Sherif Michael	Marshall
Major David Adamiak, USMC	Marshall
Invocation*	Captain Robert J. Phillips
Introduction of Speaker	Rear Admiral Robert C. Chaplin
Address to Graduates	Rear Admiral Keith W. Lippert Commander Naval Supply Systems Command/Chief of Supply Corps
Presentation of Awards	Provost
Presentation of Candidates	Department Chairmen
Announcement of Degrees	Provost
Benediction*	Captain Robert J. Phillips
Recessional	

Notes: The Superintendent cordially invites graduates, faculty, and guests to a reception in honor of the graduates in the Barbara McNitt Ballroom at Herrmann Hall immediately following the ceremony.

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

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

Systems Management

Curricular Officer - CDR Stephen Staggs, USN

Assistant Curricular Officer - LT Kevin Shaeffer, USN

Academic Associates

 Transportation Logistics Management - Professor Don Eaton

 Transportation Management - Professor Don Eaton

 Acquisition and Contract Management - Professor David Lamm

 Systems Acquisition Management - Professor David Lamm

 Defense Systems Analysis (DoD Services - Non Navy) -

 Professor James Suchan

 Defense Systems Management (International) - Professor Roger Evered

 Systems Inventory Management - Professor Don Eaton

 Resource Planning and Management for International Defense -

 Professor Roger Evered

 Material Logistics Support Management - Professor Don Eaton

 Financial Management - Professor Douglas Moses

 Manpower Systems Analysis - Professor George Thomas

 Leadership Education and Development - Professor Alice Crawford

 Shore Installation Management - Professor Don Eaton

Aeronautical Engineering and Space Systems

Curricular Officer - CDR Joe Welch, USN

Academic Associates

 Aeronautical Engineering - Professor Max Platzer

 Aeronautical Engineering Avionics - Professor Max Platzer

 Space Systems Operations - Professor Don Wadsworth

 Space Systems Engineering - Professor Oscar Biblarz

 Systems Engineering and Integration - Professor Bard Mansager

Meteorology, Oceanography and Undersea Warfare Programs

Curricular Officer - CDR Jim Hill, USN

Academic Associates

 Meteorology - Professor Robert Haney

 Oceanography - Professor Mary Batteen

 Meteorology and Physical Oceanography - Professor Haney/Professor Batteen

 Operational Oceanography - Professor Mary Batteen

 Undersea Warfare - Professor James Sanders

Information and Electronic Warfare, and Special Operations

Special Operations

Curricular Officer - Lt Col Michael Mullady, USAF

Academic Associates

 Electronic Warfare - Professor Carl R. Jones

 Special Operations - Professor David Jenn

 Information Warfare - Professor Gordon McCormick

Computer and Information Programs

Curricular Officer - CDR Mark Polnaszek, USN

Assistant Curricular Officer - LT Rane Hicks, USN

Academic Associates

 Information Technology Management - Professor Carl R. Jones

 Computer Science - Professor C. Thomas Wu

 Networks - Professor Rudy Darken

 Information Systems and Operations - Professor Carl R. Jones

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

Curricular Officer - Lt Col Michael Mullady, USAF

Academic Associates

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

National Security Affairs and Intelligence

Curricular Officer - CDR Denise McCallaCreary, USN

Academic Associates

Regional Security Studies - Professor Dan Moran
Regional Intelligence - Professor Peter Lavoy
Strategic Studies - Professor Peter Lavoy
International Security and Civil Military Relations - Professor Tom Bruneau

Engineering and Technology, Mechanical, Electrical and Combat Systems

Curricular Officer - CDR William Tom McCoy, USN

Assistant Curricular Officer - LCDR David Floodeen, USN

Academic Associates

Naval/Mechanical Engineering - Professor Young Shin
Combat Systems - Professor James Sanders
Electrical Engineering
International and Non-Navy - Professor Douglas Fouts
Navy - Professor Monique Fargues

Operations Analysis

Curricular Officer - CDR Mike Giancatarino, USN

Academic Associates

Operations Analysis - Professor Dave Olwell
Operational Logistics - Professor David Schradly
Advanced Science (Applied Math) - Professor Beny Neta

Assistant Dean of Students for International Affairs -

Col H. Gary Roser, USMC (Ret)

Director, Civilian Institutions Programs - LT Frank Anderson, USN

**DECEMBER 1999
GRADUATION AWARDS**

Monterey Council Navy League Award for Highest Academic Achievement - Maj Brian Buckles, USMC

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

Naval Postgraduate School Superior Service Award -

Presented to a graduating student who has demonstrated outstanding dedication to service while at NPS. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

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

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.

Naval Postgraduate School Outstanding Academic Achievement Award for Department of Defense Students - 1stLt Rouven J. Steeves, USAF

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.

Armed Forces Communications and Electronics Association Award - LT Mark Matthews, USN

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 - LCDR Thomas V. Evanoff II, 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 Kevin J. Schmidt, USN

Presented semiannually to the outstanding USN or USMC graduate of the Operation Research program on the basis of academic achievement, experience tour performance, thesis work and demonstration of those qualities indicative of an outstanding military officer.

Space and Naval Warfare Systems Command Award in Electronic Systems Engineering - LT John Clayton Danks, USN

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

**Naval Sea Systems Command Award for Excellence in Combat Systems
LT James E. Hassett, USN**

Presented in recognition of distinguished scholastic achievement in Combat Systems Engineering. Selection is based on academic achievement, research excellence, and leadership potential.

**Naval Sea Systems Command Award in Naval/Mechanical Engineering -
LCDR David B. Osgood, USN**

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

**Naval Supply Systems Command Award for Academic Excellence in
Systems Management - LCDR Eric L. Glaser, USN**

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

**Systems Management Faculty Award for Excellence in Management -
LCDR Eric L. Glaser, USN**

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

**Department of the Navy Award for Academic Excellence in Financial
Management - Capt Carl W. Miller, USMC**

The award is presented semiannually to a Financial Management student who demonstrates overall academic performance, academic excellence in financial management courses, high leadership potential, future ability to contribute to professional, academic and public forums while meeting the highest standards of stewardship of the National Trust and thesis excellence.

United States Naval Institute Award - LCDR Kevin R. Wesley, USN

Presented to an outstanding graduate in the National Security Affairs curricula whose Thesis is judged to be of the most importance to the U.S. Navy and meets the highest standards of excellence.

The Space Systems Engineering Award for Academic Excellence -

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

**Army Acquisition Corps Award for Scholastic Achievement -
CPT Todd C. Kros, USA**

Presented to the graduating US Army Acquisition student who has exhibited outstanding academic excellence through academic achievement, thesis research, and leadership potential.

**American Society of Military Comptrollers Award for Excellence in
Research - Capt Richard T. Brady, USMC**

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

**The Surface Navy Association's Award for Excellence In Surface Warfare
Research -**

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

Air Force Association Award for Outstanding U.S. Air Force Student -

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

**Assistant Secretary of the Navy (Research, Development and Acquisition)
Acquisition Excellence Award -**

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

Faculty Awards

**Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence
in Scientific Research - Assoc Prof Isaac I. Kaminer**

Presented annually to a Naval Postgraduate School faculty member who has exhibited outstanding research efforts in science and engineering.

★ - Denotes students who are presented in absentia.

THE GRADUATES

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Mr. Howard Allan Abrams, Naval Postgraduate School
LTC Meng-Chyi Harn, Taiwan, Republic of China Army

MECHANICAL ENGINEER

LTJG Ioannis E. Farsaris, Hellenic Navy
LT Jonathan J. VanSlyke, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

CPT Clayton H. Holt, USA (With Distinction)
CPT Robert K. Holzhauer, USA
MAJ Colin E. Lowe, USA
CPT J. Richard H. M. Outzen, USA (With Distinction)
CPT Vance R. Sperry, USA
LT Robert E Boardman, USN
LT Robert D. Brodie, USN
CDR Jose Luis Cortes Flores, Venezuela Navy
LT Matthew Gentry, USN
COL Goh Leong Huat, Singapore Navy
LT Shaun D. Hollenbaugh, USN
LCDR Graham K. Jackson, USN
CDR J. Richard Low, USN
LT Spyridon Mimikos, Hellenic Navy
LT Russell Wagner, USN
LCDR Kevin R. Wesley, USN (With Distinction)
★Maj Joseph W. Collins, USMC
Capt Jerome M. Conley, USMC
Maj Steven M. Cunningham, USMC
★Maj Robert L. Dyson, USMC
Capt Ian M. Facey, Sr., USMC
Maj Christian A. Isham, USMC
Maj Michael T. Mauro, USMC
Maj Leon A. McIlvene, USMC
★Maj Kirk D. Palmer, USMC
Maj Gary P. Russell, USMC
Capt Sean M. Salene, USMC
Capt Eugene P. Wittkoff, USMC
Maj Robert A. Harris, USAF
★CAPT Geoffrey Pihlaja, USAF
1stLt Rouven J. Steeves, USAF (With Distinction)
Maj Mark E. Van Zandt, USAF

MASTER OF ARTS IN INTERNATIONAL SECURITY AND CIVIL- MILITARY RELATIONS

LTC Gerald T. Favero, USANG
MAJ Andrew F. Hutchinson, USANG
CDR José Luis Cortes Flores, Venezuelan Navy
Maj Leon A. McIlvene, USMC
Capt Sean M. Salene, USMC

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

1LT Abdullah Çeylan, Turkish Army
1LT Hançeri Sayat, Turkish Army
LT Nathan Emil Beltz, USN
LT John Clayton Danks, USN (With Distinction)
LT David Robert DeMille, USN
LCDR Thomas Peter Hekman, USN
LT Mark Matthews, USN
LCDR Mark Joseph Stansell, USN
Capt Brendan P. Lewis, USAF
★Mr. Phillip L. Boyd, National Security Agency
★Mr. William Lam, National Security Agency
★Mr. Thomas Alexander Weber, Jr., National Security Agency

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LTJG Ioannis E. Farsaris, Hellenic Navy
LT Stephen Albert Lipsey, USN
LCDR David Brian Osgood, USN
★LT Carey M. Pantling, USN
LT Jonathan J. VanSlyke, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

CPT Robert L. Barrie, USA

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

★LT Carey M. Pantling, USN
LCDR Michael D. Rayfield, USN
LT Jay D. Vogt, USN
Capt Lawrence E. Halbach, USAF
Capt Brendan P. Lewis, USAF

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT Thomas M. Fisher, USN
LCDR Oscar E. Monterrosa, USN
LT Ronald J. Piret, USN
LCDR Arthur J. Reiss, USN
LCDR Dean A. Sadanaga, USN
LT Angela Holcombe Walker, USN
LT Michelle Kelley Whisenant, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY
LT Scott A. Key, USN

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY
MANAGEMENT**

MAJ Andreas K. Apostolopoulos, Hellenic Army
LCDR Ellen M. Evanoff, USN (With Distinction)
LT Timika L. Burnett, USN

MASTER OF SCIENCE IN SYSTEMS MANAGEMENT

CPT Kenneth W. Strayer, USA
LT Dennis A. Alba, USN
LCDR Daniel L. Allen, USN
LT Marie A. Bambao, USN
LCDR Per Morten Birkelund, Royal Norwegian Navy
LT David N. Breier, USN
LTJG Stephen K. Breneman, USN
LCDR Kenneth J. Broomer, USN
LT Patricia K. Day, USN
LT Timothy E. Dorwin, USN
LCDR Jose J. Fernandez, USN
LCDR David N. Fowler, USN
LCDR Eric L. Glaser, USN (With Distinction)
LCDR Charles K. Head, USN (With Distinction)
LT Michael W. Howell, USN
LT Wesley J. Joshway, USN
LCDR Roger D. Lord, USN
LT Tamara K. Maeder, USN
LCDR Marshall L. Mason, III, USN
LT John F. Montgomery, USN
LCDR Michael B. Murphy, USN
LCDR Marcelo B. Rodrigues, Brazilian Navy
LCDR Thomas G. Seidenwand, USN
LCDR William B. Sherer, USN
LCDR Joseph S. Snook, USN
LT Debra R. Soyk, USN
LT Scott M. Spratt, USN
LCDR Peter G. Stamatopoulos, USN
LCDR Vaughn L. Stocker, USN
LCDR Edmundo Carlos Caesar Taccad, Philippine Navy
LCDR Steven C. Thome, USN
LCDR Michael R. Watt, USN

Capt Gregory L. Boll, USMC
Capt Richard T. Brady, USMC (With Distinction)
Capt Ronald C. Braney, USMC
Maj Brian K. Buckles, USMC (With Distinction)
Maj Robert S. Gordon, USMC
Capt Michael D. Lepson, USMC (With Distinction)
Capt Stephen P. Mangum, USMC
Maj Mitchell J. McCarthy, USMC
Capt Carl W. Miller, III, USMC (With Distinction)
Capt Richard J. Rochelle, USMC
Capt Gary D. Rotsch, USMC
Capt Richard G. Steele, USMC
Maj Robert J. Stevenson, USMC
Capt Robert H. Willis, USMC
MAJ Edgar Mario Karpowicz, Argentine Air Force
Ms. Megan K. Reilly, Naval Postgraduate School
Mr. Robert L. Thomas, Department of the Army

MASTER OF SCIENCE IN OPERATIONS RESEARCH

LCDR Michele M. Burk, USN
LT Eric L. Conzen, USN
LT Vicky A. Cummings, USN
LT J. Enrique Diaz, USN
LT James K. Edwards, USN
LCDR Thomas V. Evanoff II, USN
LT Richard J. Field, USN
LT Bertram C. Hodge, USN
LT Hung B. Le, USN (With Distinction)
LT John E. McGunnigle, Jr., USN (With Distinction)
LCDR Brian L. Morgan, USN
LT Jimmy W. Pelton, USN
LT Kevin J. Schmidt, USN (With Distinction)
LT Marc C. Schweighofer, USN
LCDR Robert C. Weitzman, USN

MASTER OF SCIENCE IN PHYSICS

LT James E. Hassett, USN
LT Aaron Matthew Holdaway, USN (With Distinction)
Capt Jerry James Kung, USAF

MASTER OF SCIENCE IN APPLIED PHYSICS

LT Ioannis Christou, Hellenic Navy (With Distinction)
LT John Jay DeBellis, USN
LT James E. Hassett, USN
LCDR Francisco M. Juanche, USN
LT John Lee Lowery, USN
LT Stephen A. Marino, USN
LCDR Jonathan Wood, USN
Maj Carlos A. Kasemodel, Brazilian Air Force
LtCol Roberto Tsustsui, Brazilian Air Force

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT Jeffrey T. Heydon, USN (With Distinction)

MASTER OF SCIENCE IN ENGINEERING SCIENCE

Mr. Jay A. Adef, Civilian
★Ms. Janine M. Hiriyok, National Security Agency

MASTER OF SCIENCE IN COMPUTER SCIENCE

MAJ Thomas S. Cook, USA
LCDR Richard P. Perri, USN
Mr. Pedro T. H. Tsai, Naval Research Laboratory, Monterey

MASTER OF SCIENCE IN SOFTWARE ENGINEERING

Mr. Thomas H. Augustine, San Diego
Mr. Hann Cong Thi Le, San Diego
★Mr. Robert L. Franco, San Diego
Mr. Martin Joseph Machniak, San Diego (With Distinction)
Mr. Eric Kinjiro Matuso, San Diego
Mr. Thomas M. Nguyen, San Diego

MASTER OF SCIENCE IN DEFENSE ANALYSIS

CPT Timothy E. Bellon, USA
MAJ Scott E. Brower, USA
MAJ Gerald H. Compton, USA
MAJ Francis P. Landy, USA
MAJ Rene B. Porras, USA
LCDR Peter Dominick Berardi, USN
LT Anthony S. Glover, Sr., USN
LT Paul G. Giberson, USN
Capt Gregory Gagnon, USAF
Maj Jon F. Giese, USAF
Capt Jerry James Kung, USAF
Maj Lawrence Wesley McLaughlin II, USAF (With Distinction)
Maj William James Nelson, USAF

MASTER OF SCIENCE IN SYSTEMS ENGINEERING

1LT Oktay Ceylan, Turkish Army

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY
(SCIENTIFIC AND TECHNICAL INTELLIGENCE)**

LT Keith W. Maly, USN
LT Peter Nicholas Shepard, USN (With Distinction)

★ - Denotes students who are presented in absentia

DECEMBER 1999
 THESIS ADVISORS

Prof Brij N. Agrawal
 *Assoc Prof John Arquilla
 Mr. John D. Babb,
 NUWC Div Newport
 Res Asst Prof Wolfgang Baer
 Assoc Prof Steven Baker
 Prof Valdis Berzins
 *Prof Oscar Biblarz
 *Prof Thomas C. Bruneau
 Asst Prof Arnie Buss
 Asst Prof Sam E. Buttrey
 *Asst Prof Mary P. Callahan
 *Asst Prof John G. Ciezki
 Prof Alfred Cooper
 *CDR Jeffrey R. Cuskey, USN
 Asst Prof John Czamecki
 Assoc Prof Scott Davis
 *Assoc Prof Robert Dell
 *Assoc Prof Richard Doyle
 Assoc Prof Indranath Dutta
 *RADM Donald Eaton, USN (Ret)
 Prof Russell L. Elsberry
 *Prof Kenneth Euske
 *Prof Roger Evered
 LCDR Matthew Feely, USN
 *Vstg Asst Prof Jane Feltler
 *Prof Alan G. Fox
 *Prof James Fremgen
 Rsch Assoc Prof Edit Gallagher
 *Assoc Prof Bill Gates
 *Dist Prof Donald P. Gaver, Jr.
 Lecturer Ahmad Ghorieshi
 Asst Prof Ashok Gopinath
 Dr. Andrew K. Goroch, NRL
 *Asst Prof Kevin R. Gue
 Rsch Assoc Prof Peter S. Guest
 *Sen Lecturer William J. Haga
 CDR(S) Bill Hatch, USN
 Assoc Prof David R. Henderson
 *Assoc Prof Debra Hensgen
 *Assoc Prof Greg Hildebrandt
 Assoc Prof Ralph Hippenstiel
 CDR Ted Hleba, USN
 *Asst Prof Susan Hocevar
 *Senior Lecturer Thomas H. Holvik
 Vstg Assoc Prof Erik Jansen
 Assoc Prof David Jenn
 *LTC Terry Johnson, USA (Ret)
 *Prof Larry R. Jones

Assoc Prof Keebom Kang
 Assoc Prof Taylor Kidd
 Asst Prof Robert A. Koyak
 *Asst Prof William Krebs
 Assoc Prof Young W. Kwon
 *Assoc Prof David Lamm
 Asst Prof Andres Larraza
 Asst Prof Peter Lavoy
 Vstg Asst Prof Letitia Lawson
 *Vstg Assoc Prof Ira A. Lewis
 *Prof Shu Liao
 Vstg Prof Lober
 *Prof Robert E. Looney
 Assoc Prof Tom Lucas
 *Assoc Prof Bert Lundy
 Assoc Prof James Luscombe
 *Assoc Prof Ralph H. Magnus
 CDR Kevin J. Maher, USN
 Assoc Prof William Maier
 Dist Prof Kneale T. Marshall
 Prof Xavier Maruyama
 Vstg Assoc Prof Orin E. Marvel
 COL Dave Matthews, USA (Ret)
 *Prof Jerry L. McCaffrey
 Assoc Prof Gordon McCormick
 *Asst Prof John McEachen
 *Rsch Asst Prof Douglas Miller
 *Sen Lecturer Rodney K. Minott
 *Assoc Prof Douglas Moses
 Vstg Assoc Prof Thomas G. Muir
 *CAPT John E. Mutty, USN (Ret.)
 LTC Brad Naegle, USA
 Prof Conrad Newberry
 Res Asst Prof Alexandra Newman
 *Asst Prof Mark E. Nissen
 *Assoc Prof Wendell A. Nuss
 *Prof Edward A. Olsen
 *Assoc Prof R. C. Olsen
 LTC David H. OIwell, USA
 Vstg Assoc Prof Ronald Pieper
 *Asst Prof Pierre-Marie Poulain
 Prof Nancy Roberts
 Assoc Prof Glenn Robinson
 COL Tjark Roesler
 Prof Alan Ross
 *Assoc Prof Michael Ross
 *Vstg Asst Prof Denny Roy
 Prof Joseph San Miguel
 Dist Prof T. Sarpkaya

CAPT James Scaramozzino
 Prof D. Curtis Schleher
 CDR John K. Schmidt, USN
 Prof Young S. Shin
 Vstg Prof Anna Simons
 *Asst Prof Cary Simon
 *CDR David Smith, USN
 *Asst Prof Keith Snider
 Assoc Rsch Prof Timothy P. Stanton
 Assoc Prof Paul N. Stockton
 Assoc Prof Frank M. Teti
 *Prof Charles W. Therrien
 Prof George W. Thomas
 *Dist Prof Edward B. Thornton
 *Sen Lecturer Scott Tollefson
 Assoc Prof Mikhail Tsypkin
 Assoc Prof Misha Tsypkin
 *Assoc Prof David C. Tucker
 *Assoc Prof Murali Tummala
 Assoc Prof Donald L. Walters
 Asst Prof Qing Wang
 Lecturer Dan Warren
 Prof Carlyle H. Wash
 *Asst Prof Todd Weatherford
 Assoc Prof Lyn R. Whitaker
 *Assoc Prof Jim J. Wirtz
 *Prof David S. Yost
 *Assoc Prof Xiaoping Yun

(*) Denotes Advised multiple Thesis

The cap and gown and colorful hood so prominent in commencement ceremonies resemble, to some extent, articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front, the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

Hoods are normally black with a colorful lining rolled outward. Bachelors' hoods are three feet long, masters' three and one half feet, and doctor's four feet.

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

Agriculture	Maize
Arts, Letters, and Humanities	White
Business, Commerce	Drab
Education	Light Blue
Engineering	Orange
Forestry	Russet
Home Economics	Maroon
Law	Purple
Library Science	Lemon
Music	Pink
Pharmacy	Olive Green
Philosophy	Dark Blue
Physical Education	Sage Green
Science	Golden Yellow
Theology	Scarlet
Veterinary Science	Gray

UNIVERSITY GRANTING DEGREE	LINING	CHEVRON
Stanford University	Cardinal	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, 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

THE NAVAL POSTGRADUATE SCHOOL

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

Many 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.

Guests are invited to tour the school grounds and to visit historic Herrmann Hall.

