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1998-12

Naval Postgraduate School Graduation Exercises / Class of December 1998

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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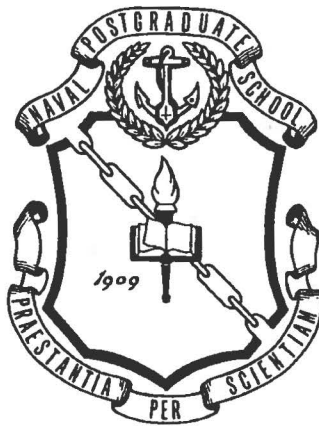


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NAVAL POSTGRADUATE SCHOOL



Graduation Exercises

*10:30 a.m.
Thursday
December 17, 1998*

**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**

Vice Admiral Patricia Ann Tracey
Chief of Naval Education and Training and Director of Naval Training

Vice Admiral Patricia Ann Tracey, a native of the Bronx, New York, completed Women Officers School and was commissioned as an Ensign in 1970, following graduation from the College of New Rochelle with a Bachelor of Arts degree in Mathematics. She also holds a Master's degree, with distinction, in Operations Research from the Naval Postgraduate School. Her initial assignment was to the Naval Space Surveillance System in Dahlgren, Virginia, where she qualified as a Command Center Officer and Orbital Analyst.

Following a tour on the staff of the Commander in Chief of the Pacific Fleet, she served at the Bureau of Naval Personnel as the Placement Officer for graduate education and service college students.

From 1980 to 1982, Vice Admiral Tracey served as an extended planning analyst in the Systems Analysis Division on the Chief of Naval Operations' staff. She served as Executive Officer of the Naval Recruiting District in Buffalo, New York, until 1984, when she was assigned as a manpower and personnel analyst in the Program Appraisal Division of the Chief of Naval Operations' staff.

Vice Admiral Tracey commanded the Naval Technical Training Center at Treasure Island from 1986 to 1988. She then headed the Enlisted Plans and Community Management Branch on the Chief of Naval Personnel's staff for two years. She assumed command of Naval Station Long Beach, California in 1990. Upon completion of her command tour, Vice Admiral Tracey reported as a Fellow with the Chief of Naval Operations' Strategic Studies Group at the Naval War College. Vice Admiral Tracey was assigned as the Director for Manpower and Personnel, J-1, on the Joint Staff from July 1993 to June 1995. From June 1995 to June 1996 she served as Commander, Naval Training Center, Great Lakes. She assumed the duties of Chief of Naval Education and Training, and Director of Naval Training for the Chief of Naval Operations, 10 July 1998. Vice Admiral Tracey is currently holding the position of Deputy Assistant Secretary of Defense Military Manpower and Personnel Policy.

The admiral's personal decorations include the Defense Distinguished Service Medal, three Legion of Merit awards, and three Meritorious Service Medals. Vice Admiral Tracey's husband, Richard Metzger, is a former naval flight officer from Pengilly, Minnesota.



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) Thirty-two 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 Star), 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.



PLATFORM PARTY

FIRST ROW (Left to Right)

Lieutenant Lynne Kennedy
USN, CHC
Protestant Chaplain
Naval Postgraduate School

**Colonel Daniel D. Devlin
USA**

Commandant/Installation Commander
Defense Language Institute
Foreign Language Center
Monterey

**Colonel Rex A. Estilow
USMC**

Commanding Officer
23rd Marine Regiment
San Bruno

**Colonel Johnny Jones
USAF**

Assistant Commandant
Defense Language Institute
Monterey

**Colonel Edwin Livingston
USANG**

Chief Financial Officer of the Army
National Guard Bureau

**Vice Admiral Patricia Ann Tracey
USN**

Chief of Naval Education and Training and,
Director of Naval Training
Pensacola, Florida

**Rear Admiral Robert C. Chaplin
USN**

Superintendent
Naval Postgraduate School

Dr. Richard S. Elster

Provost
Naval Postgraduate School

Mr. Dan Albert

Mayor of the City of Monterey

Mrs. Nan DeMent

President, Monterey Peninsula Council
Navy League

**Captain Randall J. Hess
USN**

Dean of Students and
Director of Programs
Naval Postgraduate School

SECOND ROW (Left to Right)

Dr. Terry R. McNelley

Department of Mechanical Engineering

Dr. Gerry Lindsey

Department of Aeronautical and
Astronautical Engineering

Captain Frank Petho, USN

Department of National Security Affairs

Dr. Jeffrey Knorr

Department of Electrical and
Computer Engineering

Dr. Chuck Wash

Department of Meteorology

Dr. Roland W. Garwood

Department of Oceanography

Dr. Reuben Harris

Department of Systems Management

Dr. Dan C. Boger

Computer Science, Joint C-3 Academic Group,
Information Warfare Academic Group & Special
Operations Curriculum

Dr. William B. Maier

Department of Physics

Dr. Guillermo Owen

Department of Mathematics

Dr. Rudolph Panholzer

Space Systems Academic Group

Processional The Marshalls

Professor Alfred Cooper Marshall

Professor Sherif Michael Marshall

Professor Jeff Paduan Marshall

LtCol Tim Phillips Marshall

Invocation* Lieutenant Lynne Kennedy

Introduction of Speaker Rear Admiral Robert C. Chaplin

Address to Graduates Vice Admiral Patricia Ann Tracey
Deputy Assistant Secretary of Defense
Military Manpower and Personnel Policy

Presentation of Awards Provost

Presentation of Candidates Department Chairman

Announcement of Degrees Provost

Benediction* Lieutenant Lynne Kennedy

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.

CURRICULAR OFFICERS AND ACADEMIC ASSOCIATES

Systems Management

Curricular Officer - CDR William Platt, USN

Assistant Curricular Officer - LT Kristine Davis, USN
LT Kevin P. 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 James Suchan
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 Stephen Mehay
Information Technology Management - Professor Carl R. Jones

Aerospace Engineering

Curricular Officer - CDR Joe Welch, USN

Academic Associates

Aeronautical Engineering - Professor Max Platzer
Aeronautical Engineering Avionics - Professor Max Platzer

Meteorology and Physical Oceanography

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 C. S. Chiu

Undersea/Space/Information Warfare

Curricular Officer - CDR Michael McMaster, USN

Academic Associates

Undersea Warfare - Professor James Sanders
Electronic Warfare - Professor David Jenn
Information Warfare - Professor Carl R. Jones
Space Systems Operations - Professor Don Wadsworth
Space Systems Engineering - Professor Oscar Biblarz
Special Operations/Low Intensity Conflict (SOLIC) -
Professor Gordon McCormick

Combat Systems Sciences and Technology

Curricular Officer - CDR Mark Polnaszek, USN

Academic Associate

Combat Systems - Professor James Sanders

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

Electronics and Computer Programs

Curricular Officer - CDR Michael F. Dulke, USN

Assistant Curricular Officer - LCDR David Floodeen, USN

Academic Associates

International - Professor Rama Janaswamy
Non-Navy - Professor Ron J. Pieper
Navy - Professor R. Clark Robertson
Computer Science - Professor Yutaka Kanayama
MOVES - Professor Mike Zyda

National Security Affairs and Intelligence

Curricular Officer - CDR Denise McCallaCreary, USN

Academic Associates

Area Studies - Professor Dan Moran
Strategic Planning and International Organizations & Negotiations -
Professor David Yost
Intelligence - CAPT Frank Kelly, USN
Regional Planning & Mgmt for International Defense (REPMID) -
Professor Roger Evered
Civil Military Relations - Professor Tom Bruneau

Naval Mechanical Engineering

Curricular Officer - CDR William Tom McCoy, USN

Academic Associate

Naval Engineering - Professor Young Shin

Operations Research

Curricular Officer - CDR Mike Giancattarino, USN

Academic Associates

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

Assistant Dean of Students for

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

Director, Civilian Institutions Programs - LT Lesa Kirsch, USN

**DECEMBER 1998
GRADUATION AWARDS**

Monterey Council Navy League Award for Highest Academic Achievement - LT Tanya G. Mayer, USN

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 -
LT Eugene J. Chan, USN**

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 Student - Maj Patrick W. Hall, 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.

Naval Postgraduate School Outstanding Academic Achievement Award for Department of Defense Students - MAJ Benjamin R. Felts, USA

Presented quarterly to a graduating USA, USAF, or Department of Defense civilian who has maintained an outstanding academic record as exhibited by academic achievement, thesis research, motivation, and community involvement.

Naval Postgraduate School Outstanding Academic Achievement Award for International Students - MAJ Silvino L. C. Silva, Brazilian Air Force

Presented quarterly to a graduating military or civilian non-U.S. citizen student who has exhibited outstanding academic achievement, conducted notable thesis research, maintained motivation and a serious interest in the community, and who has interacted well with other students in the interest of international alliance.

**Armed Forces Communications and Electronics Association Award -
LT Haruna R. Isa, USN and LT Mickey S. Batson, 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.

Space and Naval Warfare Systems Command Award in Electronic Systems Engineering - LT Derek P. Frasz, USN

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

**Naval Sea Systems Command Award in Combat Systems -
LT Eric Purdy, USN, and LT Sean Fitzpatrick, 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 -
LT William J. Swanson, 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 Bob J. Bestercey, 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.

Department of the Navy Award for Academic Excellence in Financial Management - LCDR Bob J. Bestercey, USN

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.

American Society of Military Comptrollers Award for Excellence in Research - LCDR Bob J. Bestercey, USN

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

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management - LCDR Bob J. Bestercey, USN

Presented semi-annually to an outstanding Unrestricted Line (URL) officer in the Financial Management community who has demonstrated academic excellence, presented a financial management essay for publication, and exhibited the potential for outstanding leadership while attending the Naval Postgraduate School.

Rear Admiral Thomas R. McClellan Award for Academic Excellence in Systems Management - ★LT Eric Micheli, USN

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

Systems Management Faculty Award for Excellence in Management - Capt Todd Calhoun, USMC, and Mr. Robin E. Whitworth, Naval Postgraduate School
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.

Army Acquisition Corps Award for Scholastic Achievement - Mr. Robin E. Whitworth, Naval Postgraduate School, and CPT Matthew Clifford Limoges Schnaidt, USA
Presented to the graduating US Army Acquisition student who has exhibited outstanding academic excellence through academic achievement, thesis research, and leadership potential.

United States Naval Institute Award - ★LCDR Andrew L. Caldera, 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 Surface Navy Association's Award for Excellence In Surface Warfare Research - LT Jeffrey A. Bennett II, USN
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.

The Space Systems Engineering Award for Academic Excellence - LT David Samuel Grennek, USN and Capt Troy W. Pannebecker, USAF
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.

FACULTY AWARD

Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence in Scientific Research - Assoc Prof Hemant Bhargava
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

MECHANICAL ENGINEER
LT William Joseph Swanson, USN

AERONAUTICAL AND ASTRONAUTICAL ENGINEER
Capt Troy Willis Pannebecker, USAF

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

MAJ John M. Anderson, USA
CPT Patrick O. Doyle, USA
MAJ Benjamin R. Felts, Jr., USA (With Distinction)
MAJ Ali Riza Kuğu, Turkish Army (With Distinction)
MAJ Kim, Yong-Beom, Korean Army
CPT Artur M. Loureiro, USA
★CPT George R. McDonald, USA
MAJ Terence M. Ormsby, USA
MAJ Vincent P. Riordan, III, USA
LCDR Steven G. Bethke, USN
★LCDR Andrew L. Caldera, USN (With Distinction)
LTC Keng Soon Cheong, Singapore Navy
LT Graham C. Cornwell, USN
LT Mark H. Donovan, USN (With Distinction)
LCDR Joseph A. Ellenbecker, USN
LT Daniel T. Evans, USN
LT Neil E. Funtanilla, USN
LT Thomas B. Grewe, USN
CDR Richard P. Hajek, USN
★LCDR John D. Harber, USN
LCDR Peter D. Haynes, USN (With Distinction)
LT Ronald G. Jacobson, USN
LT Jeffrey L. Johnson, USN
LT Mark A. Lakamp, USN
LT Darren G. McPherson, USN (With Distinction)
LCDR William H. Monday, USN
★LCDR Alden D. Pierce, USN
LCDR Christopher G. Rapp, USN
LCDR Guy B. Reynolds, USN
LT Luke Sironi, USN
LT Timothy S. Weber, USN
LT Scott R. Whaley, USN
Maj Gary G. Bloesl, USMC
Maj Jose G. Cristy, USMC
Maj Thomas J. Hudd, USAF (With Distinction)

MASTER OF ARTS IN INTERNATIONAL SECURITY AND CIVIL-MILITARY RELATIONS

LTC Salvador Alfredo Giralt Barraza, El Salvador Army
LTC Bayar Batzorig, Mongolian Army
COL Sergiy O. Bogunov, Ukrainian Army
MAJ William R. Everett, USARNG

COL Leonid S. Golopatyuk, Ukraine's General Staff
 MAJ Galentin I. Gueorguiev, Bulgarian Army
 LTC Abdul Hadi Hussin, Malaysian Army
 CPT Urban Laszlo, Hungarian Army
 CPT Anthony Ntalindwa, Rwandan Army
 ★MAJ Nelson Francisco Rocha Urbina, Colombian Army
 Brigadier Murat Softić, Army of the Bosnian Federation
 CPT Darko Spajic, Croatian Army
 2LT Aivar Toom, Estonian Army
 MAJ Scott Alan White, USARNG
 CDR Mircea Balascuta, Romanian Navy
 CDR José Alvarez Carrero, Dominican Republic Navy
 COL Shahron Bin Ibrahim, Malaysian Air Force
 Wing CDR Pax Nkomo, Air Force of Zimbabwe
 CAPT Miroslav Vlach, Czech Republic Air Force
 Mr. Šerban L. Lungu, Romanian Ministry of Defense (With Distinction)
 Mr. Holger Mölder, Estonian Ministry of Defense
 Mr. Aleksandr V. Panfilov, Center for Policy Studies in Russia

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

CPT Konstantinos Tsiridis, Hellenic Army
 1LT Veysel Erdoğan, Turkish Army
 LT Mickey S. Batson, USN
 LT Derek P. Frasz, USN
 LT Christopher R. Mason, USN
 LT Niels F. Mateo, USN
 LT Tanya Gooden Mayer, USN (With Distinction)
 LT Gary R. McKerrow, USN
 LT John C. Payne, Jr., USN
 LT Uriah E. Zachary, USN
 Mr. James Calusdian, Edwards Air Force Base

MASTER OF SCIENCE IN SYSTEMS ENGINEERING

CPT Konstantinos Tsiridis, Hellenic Army

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

CPT Kyu-Sang Lee, Korean Army
 LT Daniel J. Chisholm, USN (With Distinction)
 LT Brian R. Durant, USN
 LT Sean M. Fitzpatrick, USN
 LT Timothy Ray Halladay, USN
 LT William Joseph Swanson, USN (With Distinction)
 LT Shannon Derek Terhune, USN
 LT Shawn Everett White, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

Mr. Richard Y. Hashimoto, Naval Postgraduate School

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

MAJ Silvino Luiz Carneiro Silva, Brazilian Air Force (With Distinction)
 LCDR Mark Thomas Watson, USN
 Capt Constantinos Kakkavas, Hellenic Air Force

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

LT David Louis Forster, USN
 LT Brian L. Kelly, USN
 LT Zigmund Vincent Leszczynski, USN
 LCDR Charles S. Seitz, USN (With Distinction)
 LCDR Stephen Brian Zike, USN (With Distinction)
 Capt Troy Willis Pannebecker, USAF

MASTER OF SCIENCE IN METEOROLOGY AND PHYSICAL OCEANOGRAPHY

LT Anthony W. Cox, USN
 LT Daniel Patrick Eleuterio, USN
 LT Peter Joseph Smith, USN
 LCDR Steven Paul Sopko, USN (With Distinction)

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

Capt Andrew J. Palan, USMC

MASTER OF SCIENCE IN MANAGEMENT

MAJ Andrew J. DiMarco, USA
 MAJ William M. Ford, USA
 CPT Ronald E. Hill, Sr. USA
 MAJ Albert J. Visconti, Sr. USA
 CPT Michael K. Wegler, USA
 LCDR James J. Anderson, USN
 LCDR John C. Anderson, USN
 LCDR Robert J. Bestercy, USN (With Distinction)
 LT Edward F. Bosque, USN
 LCDR Forrest R. Browne III, USN
 LT Ronald E. David, USN
 LT Dane A. Denman, USN
 LT Christopher R. deWilde, USN
 LCDR David M. Furr, USN
 CDR Donald E. Gaddis, USN
 LT Daniel J. Gillen, USN
 LCDR Brian M. Goodwin, USN
 LCDR Jimmie S. Griffea, USN
 LCDR Jeffrey K. Grimes, USN
 LCDR Michael T. Haberthur, USN
 LCDR Gregory A. Hajzak, USN
 LCDR William P. Hayes, USN
 LT Steven L. Hoeft, USN
 LCDR Brian G. Kerr, USN (With Distinction)
 LCDR Robert J. Kilpatrick, USN
 LCDR Ronald J. Kocher, USN
 LCDR David A. Paulk, USN
 LCDR Cedric E. Pringle, USN
 LCDR Kevin D. Redman, USN

LT Clifton G. Ross, USN
 LCDR Joseph F. Russell, USN
 LCDR Clifford G. Scott, USN
 LT Mary S. Seymour, USN
 LT Glenn A. Smith, USN
 LCDR Dick E. Stearns III, USN
 LCDR Bobby J. Warfield, USN
 LT Glenn A. Weidner, USN
 LCDR Carl F. Weiss, USN
 Capt Russell L. Bergeman, USMC
 Capt Brett A. Bolton, USMC
 Capt Todd R. Calhoun, USMC (With Distinction)
 Maj Kurt M. Conrad, USMC
 Maj Ronald R. Dalton, USMC
 Maj Daniel M. Fitzgerald, USMC
 Capt James W. Fuhs, USMC
 Maj Edward C. Gardiner, USMC
 Maj Peter A. Grogan, USMC
 Capt Wayne M. Herbert, USMC
 Capt Carter L. Honesty, USMC
 Maj Peter J. Keating, USMC
 Capt Janet L. Keech, USMC (With Distinction)
 Capt James C. Lewis, USMC
 Maj Teresa F. McCarthy, USMC
 Capt Douglas J. Mrak, USMC
 Capt Stewart R. Nickless, USMC
 Maj Michael S. Palermo, Jr., USMC
 Capt George A. Schutter III, USMC (With Distinction)
 Capt Nicholas A. Spignesi, USMC
 Maj Christopher W. Stoddard, USMC
 Capt Aaron D. Weiss, USMC
 Maj Anthonie R. Wright, USMC
 Ms. Erainust Lowery, Naval Postgraduate School
 Mr. Robin E. Whitworth, HQ US Army Missile Command (With Distinction)

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT Arthur Fernando Bettega Correa, Brazilian Navy (With Distinction)

MASTER OF SCIENCE IN COMPUTER SCIENCE

CPT Matthew Clifford Limoges Schnaidt, USA
 LT Haruna R. Isa, USN
 LT Frances M. Quinones, USN

MASTER OF SCIENCE IN DEFENSE ANALYSIS

MAJ Mark Jonathan Carlson, USA
 MAJ Joel J. Clark, USA
 MAJ James C. Dugan, USA (With Distinction)
 ★MAJ Sean Patrick Feeley, USA
 CPT Eric Douglas Haider, USA

MAJ Michael A. Iacobucci, USA
 MAJ Mark E. Mitchell, USA
 CPT David J. Wilberding, USA
 LT Mark F. Hinch, USN
 LT John Robert Hoyt, USN
 LCDR Jeffrey Scott Tyer, USN
 LT Robert George Walker, USN
 Maj Neil R. Billings, USAF (With Distinction)
 Maj Glenn E. Brown, USAF
 Capt Paul H. Issler, USAF
 Maj Thomas R. Sands, USAF
 Maj Jon Howard Ullmann, USAF

MASTER OF SCIENCE IN PHYSICS

LT Eugene Joseph Pilpa Chan, USN
 LT Eric W. Purdy, USN (With Distinction)

MASTER OF SCIENCE IN APPLIED PHYSICS

LT Jeffrey A. Bennett II, USN
 LT Scott A. Bewley, USN
 LT Patrick T. Britt, USN
 LT Sean M. Fitzpatrick, USN
 LTJG Antonios Georgopoulos, Hellenic Navy
 LT David Samuel Grennek, USN (With Distinction)
 LT Demetrius J. Haynie, USN
 LT Paul A. Herbert, USN
 LT Pierre Hilaire, USN
 LCDR John F. Holmes, USN
 LT Mark A. Leary, USN
 LT Todd A. Mayfield, USN
 LT Jeffrey D. Sanders, USN
 MAJ Patrick W. Hall, USMC

MASTER OF SCIENCE IN APPLIED MATHEMATICS

CPT Donovan D. Phillips, USA

MASTER OF SCIENCE IN OPERATIONS RESEARCH

★LT David S. Soldow, USN

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

LCDR R. Alistair Borchert, USN

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

LT Haruna R. Isa, USN (With Distinction)
 LT Michael J. Schiller, USN
 LT John Mitchell Stubblefield, USN (With Distinction)

★ - Denotes students who are presented in absentia.

DECEMBER 1998
 THESIS ADVISORS

- | | | |
|-------------------------------|-------------------------------|------------------------------|
| *Assoc Prof Donald Abenheim | Asst Prof Issac Kaminer | *Assoc Prof Paul N. Stockton |
| *Prof Brij N. Agrawal | *Assoc Prof Keebom Kang | Asst Prof Mark Stone |
| Assoc Prof Robert Armstead | Assoc Prof Young W. Kwon | *Assoc Prof James Suchan |
| *Assoc Prof John Arquilla | *Assoc Prof David Lamm | Assoc Prof Gail Thomas |
| *Assoc Prof Steven Baker | *Asst Prof Andres Larraza | Sen Lecturer Scott Tollefson |
| Assoc Prof Mary L. Batteen | *Prof Shu Liao | Assoc Prof Donald Walters |
| Prof Oscar Biblarz | *Prof Herschel H. Loomis, Jr. | *Asst Prof Todd Weatherford |
| Prof Dan C. Boger | *Prof Robert E. Looney | Prof Maurice Weir |
| *Prof Thomas C. Bruneau | Prof Luqi | Assoc Prof Lyn R. Whitaker |
| Asst Prof Mary P. Callahan | *Assoc Prof James Luscombe | *Assoc Prof Jim J. Wirtz |
| Asst Prof John G. Ciezki | Assoc Prof Ralph H. Magnus | Assoc Prof Thomas Wu |
| Assoc Prof David D. Cleary | Sen Lecturer Bard Mangeser | Prof David S. Yost |
| Prof William Colson | Prof Xavier K. Maruyama | Assoc Prof Xioping Yun |
| *Prof Alfred Cooper | Vstg Assoc Prof Orin Marvel | |
| *Sen Lecturer Alice Crawford | Sen Lecturer Dave Matthews | |
| *CDR Jeffrey R. Cuskey, USN | Prof Jerry L. McCaffrey | |
| Assoc Prof Bruce Denardo | *Assoc Prof Gordon | |
| Asst Prof Sandra M. Desbrow | McCormick | |
| *Assoc Prof Richard Doyle | Asst Prof John McEachen | |
| Prof Phillip A. Durkee | Prof Terry R. McNelley | |
| Prof James N. Eagle | Prof Paul R. Milch | |
| *RADM Don Eaton, USN (Ret) | Assoc Prof Knox Millsaps Jr. | |
| *Vstg Asst Prof Leroy Edwards | *Assoc Prof Douglas Moses | |
| *Prof Kenneth Euske | *Vstg Assoc Prof Thomas G. | |
| *Asst Prof Dana Eyre | Muir | |
| Sen Lecturer John Falby | *CAPT John Mutty, USN (Ret.) | |
| *Vstg Asst Prof Jane Feltner | *LTC Brad Naegle, USA | |
| Assoc Prof Douglas Fouts | Prof David W. Netzer | |
| *Prof Alan G. Fox | *Asst Prof Mark E. Nissen | |
| *Assoc Prof William Gates | Assoc Prof Wendell A. Nuss | |
| Assoc Prof Joshua H. Gordis | *Assoc Prof R. C. Olsen | |
| *Asst Prof Kevin R. Gue | Assoc Prof Phillip E. Pace | |
| Prof Tri T. Ha | LtCol Timothy Phillips, USMC | |
| Sen Lecturer William J. Haga | Dist Prof Max F. Platzer | |
| *Assoc Prof Robert Harney | *CAPT James Powell, USN | |
| Prof Anthony J. Healey | *Prof Nancy Roberts | |
| Assoc Prof David R. Henderson | Assoc Prof Glenn Robinson | |
| Assoc Prof Debra Hensgen | Dr. Alan Ross | |
| CCMR Exec Dir, Rich Hoffman | *Assoc Prof Michael Ross | |
| Assoc Prof Thomas Hoffer | CAPT James Scaramozzino | |
| Assoc Prof Gary R. Hutchins | Prof Gordon Schacher | |
| *Asst Prof Cynthia Irvine | *CDR John K. Schmidt, USN | |
| *Vstg Assoc Prof Erik Jansen | CDR David Smith, USN | |
| Assoc Prof David Jenn | Asst Prof Kevin B. Smith | |
| Prof Carl R. Jones | Asst Prof Keith Snider | |
| *Prof Larry R. Jones | *Asst Prof Suresh Sridhar | |

(*) Denotes Advised multiple
 Theses

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

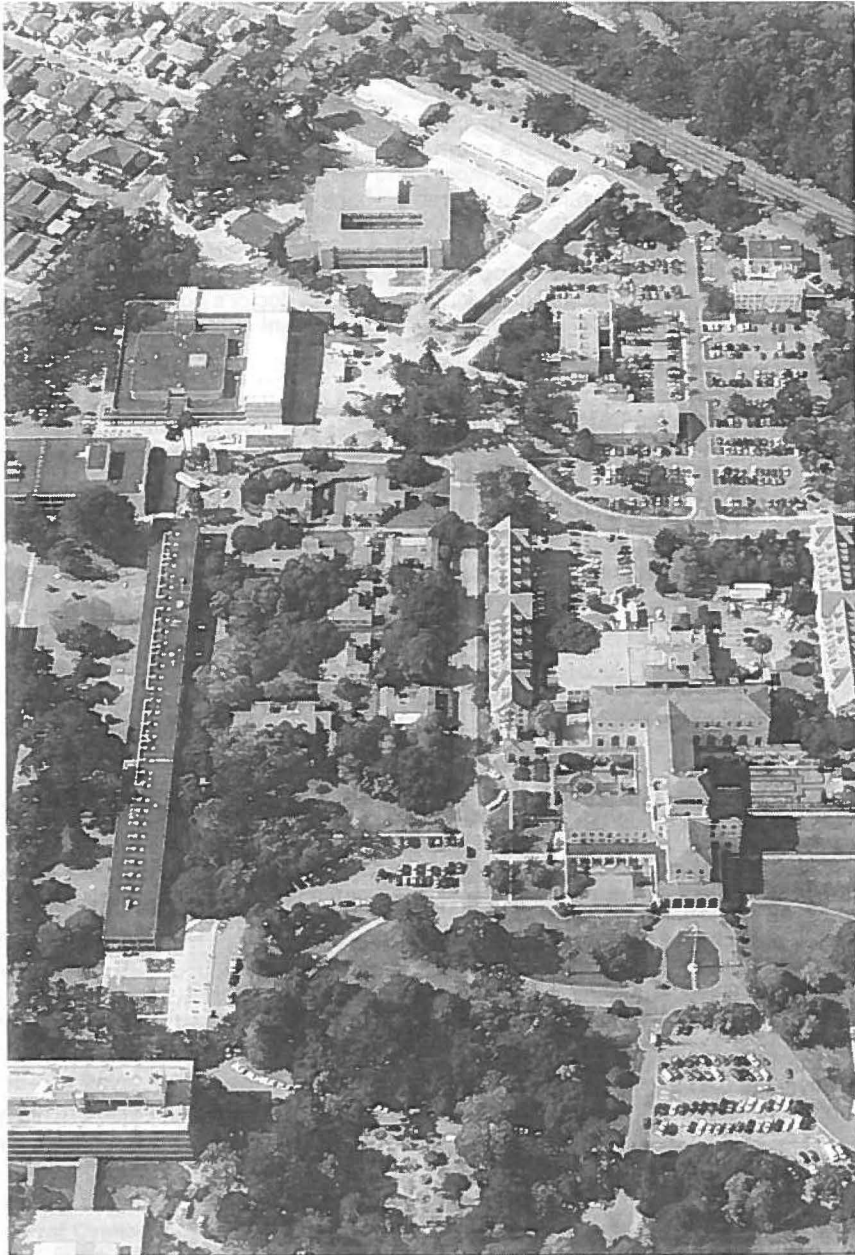
The gown for the bachelor's degree has pointed sleeves and is designed to be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front, the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars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

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

For all academic purposes, including trimmings for the doctor's gown, 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

<u>UNIVERSITY GRANTING DEGREE</u>	<u>LINING</u>	<u>CHEVRON</u>
Stanford University	Cardinal	
Purdue University	Black	Gold
University of Kansas	Purple	White
University of California	Gold	Yale Blue
University of Michigan	Maize	Blue
University of Southern California	Gold	Cardinal
University of Munich, 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



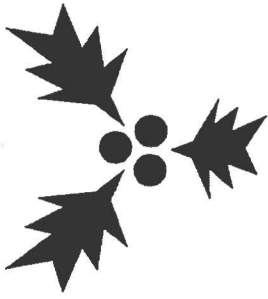
THE NAVAL POSTGRADUATE SCHOOL

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 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 1300 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.

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



***Wishing you
and Yours..***

***Happy
Holidays***

