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Naval Postgraduate School Graduation Exercises / Class of December 1993

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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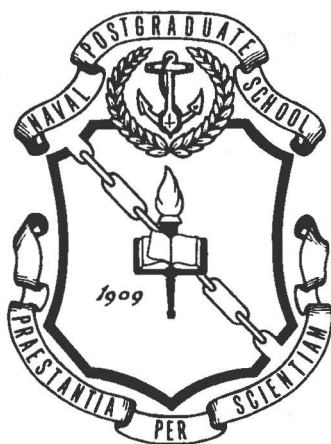


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NAVAL POSTGRADUATE SCHOOL



GRADUATION EXERCISES

10:30 A.M.
THURSDAY, 16 DECEMBER
1993



**NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION**

**Superintendent
RADM THOMAS A. MERCER, USN**

**Provost
DR. HARRISON SHULL**

**Dean of Students and Director of Programs
CAPT GREGORY A. BUSHNELL, USN**

**Dean of Faculty
DR. GORDON E. SCHACHER**

**Dean of Computer and Information Services
DR. T. JAYACHARDRAN**

**Dean of Instruction
DR. RICHARD S. ELSTER**

**Dean of Research
DR. PAUL MARTO**

**Director of Military Operations
CAPT ALBERT J. BEGBIE, USN**



REAR ADMIRAL THOMAS A. MERCER
Superintendent
Naval Postgraduate School

Rear Admiral Mercer graduated with distinction from the U.S. Naval Academy in 1962. He was designated as a Naval Aviator in February 1964. After A-4C training, he reported to VA-172 for a three year tour which included two Mediterranean cruises and one Southeast Asia combat deployment aboard USS FRANKLIN D. ROOSEVELT (CVA 42). He then attended the Naval Postgraduate School at Monterey, California and was awarded a Master of Science Degree in Aeronautical Engineering in 1969.

After A-7E training, he reported to VA-195 where he made two combat deployments to Southeast Asia aboard USS KITTY HAWK (CVA 63). Following a shore tour as the Light Attack Placement Officer at the Bureau of Naval Personnel, he joined VA-82 as Executive Officer in July 1975. He assumed command of VA-82 in November 1976 while embarked aboard the USS NIMITZ during her first Mediterranean deployment.

In July 1979 he was assigned as the Executive Officer of the USS ENTERPRISE (CVN 65) after completing naval nuclear power training. He assumed command of USS GUADALCANAL (LPH 7) in September 1981 and then command of USS CARL VINSON (CVN 70) in July 1983 as her second commanding officer. While commanding CARL VINSON, he completed two WESTPAC deployments. In March 1986, he detached from USS CARL VINSON and was promoted to Rear Admiral. He was assigned as Deputy Director for Command, Control, and Communications (J-6), in the organization of the Joint Chiefs of Staff and subsequently became the Vice Director of Operational Plans and Interoperability (J-7 JCS). He assumed command of Carrier Group SEVEN in June 1988 and flew his flag as commander of the Nimitz, Midway, and Ranger battle groups. He assumed the duties of CINCPACREP Philippines and Commander, U.S. Naval Forces, Philippines in July 1990 and remained in command through the Subic Facility disestablishment on 24 November 1992. Rear Admiral Mercer was assigned as the Superintendent, Naval Postgraduate School in January, 1993.

Rear Admiral Mercer's awards include the Defense Distinguished Service Medal, Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit (two awards), Distinguished Flying Cross (three awards), four individual Air Medals, 25 Strike Flight Air Medals (255 Vietnam Missions), and six Navy Commendation Medals. He has logged over 3,500 hours in the A-4C and A-7E aircraft and has made over 970 carrier landings.

Rear Admiral Mercer is the son of Captain and Mrs. Willoughby Mercer, USN (Ret). He and his wife, Becky, reside at the Naval Postgraduate School, Monterey, California. Tom, a SH-3B pilot, is currently at Test Pilot School in Patuxent River. Their son Bill, is a surface warfare officer assigned aboard USS BELKNAP (CG-26).

**VICE ADMIRAL ROBERT K. U. KIHUNE
UNITED STATES NAVY
DIRECTOR OF NAVAL TRAINING AND DOCTRINE/
CHIEF OF NAVAL EDUCATION AND TRAINING**



Vice Admiral Robert K. U. Kihune was born in Lahaina, Maui, Hawaii. He entered the U. S. Naval Academy in 1955 and was commissioned an Ensign in June 1959.

From July 1959 until September 1961, Vice Admiral Kihune served as Damage Control Assistant, Electronics Material Officer and Combat Information Center Officer aboard USS PRITCHETT (DD 561). He was then assigned as Commissioning Communications Officer aboard USS ROBISON (DDG 12) and subsequently as CIC Officer. He entered the U. S. Naval Postgraduate School in July 1963 earning a degree in Communications Engineering.

After completing his postgraduate education, Vice Admiral Kihune was assigned as Operations Officer aboard USS FARRAGUT (DLG 6) until May 1967. He was then assigned as Executive Officer, USS DAVIDSON (FF 1045). His next assignment was at the Bureau of Naval Personnel where he served as the Head, Communications Activities Placement in the Officer Assignment Division.

In December 1971, he assumed command of USS COCHRANE (DDG 21) after which he was assigned to COMTHIRDFLT as the Electronics Warfare Officer, Surface Warfare Officer and Exercise Coordinator. In August 1977, he attended the Senior Course at the U.S. Naval War College. He was subsequently assigned as Special Assistant and Navy Planner for JCS matters to the DCNO (Command and Control).

Vice Admiral Kihune assumed command of Destroyer Squadron THIRTY-FIVE in July 1980. He was assigned as Chief of Staff to Commander, Naval Surface Force, U.S. Pacific Fleet in August 1982. Following his selection to flag rank in February 1983, he was assigned as Director, Command, Control and Communications Systems (C3S) at Headquarters, U. S. European Command in Stuttgart, Germany. In September 1986, Vice Admiral Kihune assumed command of Cruiser Destroyer Group FIVE. While in this position, he served as the Battle Group Commander for USS KITTY HAWK, USS NIMITZ and USS NEW JERSEY battle groups.

On 27 August 1988, Vice Admiral Kihune was promoted to Vice Admiral and served as Commander, Naval Surface Force, U. S. Pacific Fleet through December 1990. In January 1991, he was assigned as Assistant Chief of Naval Operations (Surface Warfare). In August 1992, Vice Admiral Kihune assumed the duties of Director of Naval Training and Chief of Naval Education and Training.

Vice Admiral Kihune has been awarded the Distinguished Service Medal, the Defense Superior Service Medal, the Legion of Merit with two gold stars and Combat "V", the Meritorious Service Medal, the Navy Commendation Medal, and the Combat Action Ribbon. He is married to the former Hope Puanani Zablan of Kaneohe, Hawaii. The Kihunes have three children, Gordon, Tracy and Lisa.

PLATFORM PARTY

FIRST ROW (Left to Right)

Captain John H. Baldwin
CHC, U.S. Navy
Catholic Chaplain
Naval Postgraduate School

Colonel Ronald E. Berguist
U.S. Air Force
Deputy Commandant
Defense Language Institute
Monterey, California

Colonel Harry W. Peterson
U.S. Marine Corps
Commanding Officer
23rd Marines

Colonel Thomas F. Ellzey
U.S. Army
Garrison Commander
Fort Ord

Captain Robert Foley
U.S. Coast Guard
Chief Intelligence Division
Coast Guard Island

Vice Admiral Robert K.U. Kihune
U.S. Navy
Director Naval Training and Doctrine/
Chief of Education and Training

Rear Admiral Thomas A. Mercer
U.S. Navy
Superintendent
Naval Postgraduate School

Dr. Harrison Shull
Provost
Naval Postgraduate School

**Distinguished Professor
Abraham Sheingold**
Trustee
Naval Postgraduate School Foundation

The Honorable Jeanne Byrne
Mayor
City of Pacific Grove

Mr. Lloyd Townley
President
Monterey Peninsula Council Navy League

SECOND ROW (Left to Right)

Dr. Daniel J. Collins
Department of Aeronautics and
Astronautics

Dr. Ted Lewis
Department of Computer Science

Dr. Michael A. Morgan
Department of Electrical and Computer
Engineering

Dr. Matthew Kelleher
Department of Mechanical Engineering

Dr. Thomas Bruneau
Department of National Security Affairs

Dr. David R. Whipple
Department of Administrative Sciences

Dr. Robert Haney
Department of Meteorology

Dr. Curtis A. Collins
Department of Oceanography

Dr. Maurice Weir
Department of Mathematics

Dr. William Colson
Department of Physics

Dr. Rudolph Panholzer
Space Systems Academic Group

PROGRAM

Processional The Marshalls

Professor A.W. Cooper Grand Marshall

Professor Steven Baker Marshall

Professor Dan Boger..... Marshall

Lieutenant Colonel Bill Johnson, U.S. Marine Corps Marshall

Invocation* Chaplain John F. Baldwin

Introduction of Speaker Rear Admiral Thomas A. Mercer, Superintendent

Address to Graduates Vice Admiral Robert K. U. Kihune
Director, Naval Training and Doctrine/Chief of Naval Education and Training

Presentation of Awards Provost

Presentation of Candidates Department Chairmen

Announcement of Degrees Provost

Benediction* Chaplain John F. Baldwin

Recessional

Notes:

RADM Mercer and Mrs. Mercer cordially invite 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

Administrative Sciences

Curricular Officer - CDR Michael Tryon, SC, USN

Academic Associates

Transportation Logistics Management - Professor Alan McMasters
Transportation Management - Professor Alan McMasters
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 Alan McMasters
Resource Planning and Mgmt for International Defense - Professor Roger Evered
Material Logistics Support Management - Professor Alan McMasters
Financial Management - Professor Joseph San Miguel
Manpower, Personnel, Training and Analysis - Professor Mark Eitelberg

Aerospace Engineering

Curricular Officer - CDR Wade Duym, USN

Academic Associates

Aeronautical Engineering - Professor Gerald Lindsey
Aeronautical Engineering Avionics - Professor Gerald Lindsey
Space Systems Engineering - Professor Conrad Newberry

Air-Ocean Sciences

Curricular Officer - CDR Thomas Lage, USN

Academic Associates

Meteorology - Professor Roger T. Williams
Oceanography - Professor Roland W. Garwood
Operational Oceanography - Professor Robert Bourke

Antisubmarine Warfare/Electronic Warfare/Space Operations

Curricular Officer - CDR Luis R. Erazo, USN

Academic Associates

Antisubmarine Warfare - Professor James Sanders
Electronic Warfare - Professor David Jenn
Space Systems Operations - Professor Dan C. Boger

Command, Control and Communications

Curricular Officer - LTCOL Ernest K. Beran, USAF

Academic Associate

Command, Control and Communications - Professor Dan C. Boger

Computer Technology

Curricular Officer - CDR Thomas J. Hoskins, USN

Academic Associates

Information Technology - Professor Carl Jones
Computer Science - Professor Mike Zyda

Electronics and Communications

Curricular Officer - CDR Robert H. Ellis, USN

Academic Associates

International - Professor Rama Janaswamy
Non-Navy - Professor Ron J. Pieper
Navy - Professor R. Clark Robertson

National Security and Intelligence

Curricular Officer - CAPT Linda Groves, USN

Academic Associates

Area Studies - Professor Mikhail Tsypkin
Strategic Planning and Int'l Org. & Negotiations
Professor James Wirtz
Intelligence - CDR Peter R. Hull, USN
Special Operations/Low Intensity Conflict (SOLIC)
Professor Gordon McCormick
Regional Planning & Mgt for Int'l Defense (REPMID)
Professor D. Abenheim

Naval Engineering

Curricular Officer - CDR Bill Gray, USN

Academic Associate

Naval Engineering - Professor Morris Driels

Operations Research

Curricular Officer - CDR Edward Lenio, USN

Academic Associates

Operations Research - Professor James Esary
Operational Logistics - Professor David Schradly
Advanced Science (Applied Math) - Professor M. Weir

Combat Systems Sciences and Technology

Curricular Officer - CDR Lewis K. Athow, USN

Academic Associate

Combat Systems - Professor James Sanders

International Programs

Director - COL H. Gary Roser USMC (ret)

SEPTEMBER 1993 GRADUATION AWARDS

Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence in Scientific Research - Prof. James H. Miller

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

Monterey Council Navy League Award for Highest Academic Achievement - LT Gerald K. Pfeifer, USN

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 - CPT Eric Von Tersch, USA, and CPT Richard A. Hove, 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 - CDR Chiang, Hsiao-Feng, R.O.C. on Taiwan, 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 - CDR Joseph J. Berner, 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 - CAPT Jorge A. Esparza, USMC

Presented quarterly to the graduating U.S. Marine student in any curriculum of superior service.

Space and Naval Warfare Systems Command Award in Electronic Systems Engineering LT Mark Duane Colby, USN

Presented semiannually to a graduating U.S. Marine Corps student of distinguished academic achievement in the advanced Electronics Engineering program.

Naval Sea Systems Command Award for Weapons Systems Engineering and Excellence LT William F. Coleman, USN

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

Naval Sea Systems Command Award in Naval Engineering - *LT Craig F. Merrill, 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.

Rear Admiral Thomas R. McClellan Award for Academic Excellence in Administrative Science - LT Kathy Erb, USN

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

Naval Supply Systems Command Award for Academic Excellence in Administrative Science - LT James Dolan, USN

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

Department of the Navy Award for Academic Excellence in Financial Management - LT Vernon Kemper, 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.

Administrative Sciences Faculty Award for Excellence in Management - *LCDR Antoinette Whitmeyer, USN, and CAPT Jay Lee Hatton, USMC

Presented semiannually to a student in any of the Administrative Sciences 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.

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management LT Vernon Kemper, USN

Presented semiannually 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.

United States Naval Institute Award - CAPT John T. Quinn II, USMC

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 AERONAUTICAL ENGINEERING

LtCol Ahmed Abourahma, Egyptian Air Force

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

LTC Salah Badr, Egyptian Army

ELECTRICAL ENGINEER

LT Eric Blaine Boyer, USN
LT Thomas Frederick Winnenberg, USN

MECHANICAL ENGINEER

CDR Joseph M. Berner, USN (With Distinction)
LT Donald T. Hooker II, USN (With Distinction)
*LT Craig F. Merrill, USN (With Distinction)

AERONAUTICAL AND ASTRONAUTICAL ENGINEER

LCDR John Forrest Riggs, USN

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

Capt John T. Quinn II, USMC
Capt Richard M. Schmitz, USMC
*Capt Johnnie Ames, USAF
Capt Barbara Renee Bonner, USAF
Capt Stephen Gerald Cunico, USAF
*LtCol Bradley D. Gerdes, USAF
Capt Julie K. Hurford, USAF
Capt Michael A. Marzec, USAF
*Capt Stuart K. S. O'Neill, USAF
*Capt Anthony M. Packard, USAF
Capt David Willard Parsons, USAF
CPT John Edward Bushyhead, USA
CPT Jeffrey Hoyt Fargo, USA
CPT Vasilios N. Fotopoulos, USA
CPT Richard A. Hove, USA
CPT Eric M. Laird, USA
MAJ Frank L. Miller, Jr., USA
CPT Patrick C. O'Rourke, USA
CPT Robert E. Traurig, USA
CPT Eric von Tersch, USA
MAJ Thomas D. Wahlert, USA
CPT Carolyn J. Washington, USA
MAJ Charles L. Wilson, USA
LT Sean A. Bergesen, USN (With Distinction)
LT Douglas L. Blackburn, USN

LT Joel L. Cabana, USN

CDR Roberta Bess Carr, USN

LT Jonathan Christian, USN (With Distinction)

LCDR Richard B. Cutting, USN

LCDR Mark C. Farley, USN (With Distinction)

LT Bonita Anne Goodwin, USN

LT Daniel Matthew Green, USN (With Distinction)

LT Karen A. Hasselman, USNR

LT Douglas A. Malin, USN

LCDR Jonathan D. Mosier, USN

LT Nannette Sherry Roberts, USN

LCDR Robin Ladd Russell, USN

*LT Peter M. Ryan, USN

LT Craig M. Schnese, USN

CDR James C. Smith, USN

LCDR Bruce L. Woodyard, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

*MAJ Michael W. Fortanbary, USA

CPT Mark B. Streeter, USA

*LT David Asjes, USN

*LT Timothy Berg, USN

*LT Michael Cerneck, USN

*LT Harold Dunbrack, USN

LT Paul Vincent Gomes, USN

LTJG Bulent Yakin, Turkish Navy

LT Thomas Campbell Watson III, USN

LCDR Clayton William Miller, USN

*LT Scott Orrer, USN

MASTER OF SCIENCE IN ASTRONAUTICAL ENGINEERING

LT Lee Allen Barker, USN

LCDR John Forrest Riggs, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Capt Jorge A. Esparza, USMC

Capt Mario J. L. Levesque, Canadian Air Force

CPT Benjamin L. Hudson, USA

LT Walter D. Abbott III, USN

LT Eric Blaine Boyer, USN (With Distinction)

CDR Hsiao-Feng Chiang, R.O.C. on Taiwan, Navy

LT Mark Duane Colby, USN (With Distinction)

LCDR Scott D. Hendrick, USN

LT George Janvier, USN

LT Fernando Jimenez M., Peruvian Navy

LT Daniel Bryan Kline, USN

LTJG Mehmet Kutlu, Turkish Navy

LCDR Efrain Jose Leon Guerra, Venezuelan Navy

LT David John Pezdirtz, Jr., USNR
LT Gerald Kent Pfeifer, USN (With Distinction)
LCDR James Keith Richstein, USN
LT Gregory A. Silvermagel, USN
LT Leon Conrad Stone, Jr., USN
LCDR John Wesley Taylor, USN
LCDR Charles Gregory Wendt, USN
LT Thomas Frederick Winnenberg, USN
LT Kurtis Anthony Wolfe, USN
LT Chi-Wei Wu, R.O.C. on Taiwan, Navy
LT Joel Eric Zupfer, USN

Mr. Petrus Ming Wah Chan, Naval Air Warfare Center, China Lake, CA
LT Philip Gregory McLaughlin, USN
LT Gregory John Reid, Australian Navy
LTC Ilias Dimopoulos, Hellenic Army

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

CPT Chao-Shih Liu, R.O.C. on Taiwan, Army
LCDR Craig A. Bateman, USN
CDR Joseph M. Berner, USN
LT Donald T. Hooker II, USN
LT Joseph S. Konicki, USN
LT Douglas Lamar Maddox, USN
LT Michael P. Magee, USN
LT Leopoldo C. Maldia, USN
LT Jeffrey Milo Masterson, USN
LT Silvester G. Mata, USN
*LT Craig F. Merrill, USN
LCDR E. Daniel Secor, USN
*LT William C. Williston, Jr., USN
LT Joseph E. Yusician, Jr., USN
LT Mary M. Zurowski, USN

Mr. Jerry Thomas Belton, Naval Air Warfare Center, Point Mugu

MASTER OF SCIENCE IN MANAGEMENT

Capt Richard D. Alexander, USMC
Maj Robert Vincens Amirante, USMC
Capt Gregory L. Baker, USMC
Capt Vernon F. Caldwell, USMC
Capt James W. Clark, Jr., USMC
Maj Paul K. Durkin, USMC
Capt Robin Gordon Gentry, USMC
Capt Jay Lee Hatton, USMC (With Distinction)
Capt James Arthur Hogberg, USMC
Maj Ronald Paul Irick, USMC
Capt George Arthur Lembrick, USMC
Capt Guillermo Nerio, Jr., USMC

Capt Thomas R. Peck, Jr., USMC (With Distinction)
Capt David M. Robinson, USMC
Maj Shimon Stone, USMC
Capt Michael J. Taylor, USMC
LCDR Jeffrey D. Holmgren, USCG
Capt Paulo M. Falcao, Brazilian Air Force
LtCol Eddy Suhartono Harisanto, Indonesian Air Force
LtCol Ting, Chung-Wu, R.O.C. on Taiwan, Air Force (With Distinction)
CPT Kelly N. Campbell, USA
CPT Donald Kyle Carter, USA
CPT Trent Kevin Ensley, USA
CPT Suzanne Christine Hickey, USA
CPT Stephen R. Lyons, USA
CPT Richard B. O'Connor, USA
CPT Betsey A. Riester, USA
CPT Wallace J. Robertson, USA
LTC Wang, Tsung-Ying, R.O.C. on Taiwan, Army
CPT Robert Alan Swenson, USA
*CPT Damon Thomas Walsh, USA
LCDR Melissa S. Andrews, USN
LT Wayne John Bergeron, USN
LCDR Jeffrey R. Cuskey, USN
*LCDR Richard L. Dawe, USN
LT James R. Dolan, USN (With Distinction)
LT Dolores M. Dorsett, USN
LT Mari K. Dyson, USN
LT Charles S. Ellsworth, USN
LT Katherine D. C. Erb, USN (With Distinction)
LT Brian Meryman Farmer, USN
LT Richard Keyes Fawcett, USN (With Distinction)
LT Julio Cesar Guerra III, USN (With Distinction)
LCDR Arthur B. Horsley, USN
LCDR Gary D. Houglan, USN
LCDR Robert F. Ickrath, USN
*LT Thomas E. Jablonski, USN
LT Ives C. Jones, USN
LT Melvin G. Jones, USN
LT Michael W. Kane, USN
LT Michelle E. Karsch, USN
LT Joseph Allan Keller, USN
LT Vernon Paul Kemper, USN (With Distinction)
LCDR Jeri Sue King, USN
LT Mark Joseph Kozar, USN
LT Jon Landis, USN
LT Samuel Wendell Lewis, USN
LCDR Leonidas Maganaires, Hellenic Navy
LCDR Paul D. Matheny, USNR

LT Daniel J. Motherway, USN
LT Lorraine Elise Nudd, USNR
LT Marie Elizabeth Oliver, USNR
LT Dennis Paul O'Rear, USN
LT Constantinos M. Piperis, Hellenic Navy
LCDR Karl F. Rau, USN
LT Ross R. Reeves, USN
LT Ann Christin Czerw Ross, USN
CDR Ronald J. Rundstedt, USN
LT Adonai D. Santos, USN
LCDR Samuel James Smithers, USN
LT Brion Scott Snyder, USN
LCDR Alexandros G. Theodossiou, Hellenic Navy
*LT Scott R. Thon, USN
LT William Michael Tooker, USN
LCDR Robert J. Vickers, USN
LT Michael H. Wallner, USN
LCDR John D. Ward, USN
*LCDR Antoinette A. Whitmeyer, USN (With Distinction)
LT Andrew Clark Wood, USN
LT Elliott Cory Yoder, USN

**MASTER OF SCIENCE IN APPLIED SCIENCE
(MANAGEMENT)**

Ms. Lois Brunner, Naval Postgraduate School

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

*Capt Ira Spondre, USMC
Capt Mohammed A. Al-Mahmood, Baharian Air Force
LCDR Eric W. Caudle, USN
LT Jill E. Fisher, USN
LT Synthia Stanton Jones, USN
LT Mai T. Orloff, USN
*LCDR Steven L. Smith, USN

MASTER OF SCIENCE IN COMPUTER SCIENCE

CPT Keith Haynes, USA
*LCDR Dennis A. Seem, NOAA (With Distinction)

MASTER OF SCIENCE IN METEOROLOGY

LT Patrick Stephen Cross, USN (With Distinction)
LCDR Michael Dan Foster, USN
LT Charles A. Weddle, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT Patrick Stephen Cross, USN (With Distinction)
LCDR Michael Dan Foster, USN

LT Li, Ching-Chung, R.O.C. on Taiwan, Navy
*LT Scott Fletcher Manning, USN
LT Frederick Rischmiller, USN
LT John B. Skillman, USN
LT Charles A. Weddle, USN

**MASTER OF SCIENCE IN METEOROLOGY
AND PHYSICAL OCEANOGRAPHY**

LCDR James W. Allen, USN
LT Anton John Kraft, USN
LT Roy R. Ledesma, USN
LT George D. Matarangas, Hellenic Navy
LCDR Douglas Edward Mays, USN
LT Rosemarie H. O'Carroll, USN
LT Emil Thomas Petruncio, USN
LT R. Mark Sampson, USN
LT Stephen C. Woll, USN

MASTER OF SCIENCE IN APPLIED MATHEMATICS

*LT Susan Kay Brewer, USN
LT Lester B. Makepeace III, USN (With Distinction)

MASTER OF SCIENCE IN APPLIED PHYSICS

LT Antony Charles Marron, USN

MASTER OF SCIENCE IN PHYSICS

CPT Michael O. Callahan, USA
CPT Charles M. Wright, USA
LT Gary Robert Abel, USN
LTJG John Adler, USN
LT Nelson C. Castro, USN
LT William F. Coleman, USN (With Distinction)
LT Timothy Joseph Corrigan, USN
LT James Hamilton Dick, USN
LT John David Pietrzak, USN

MASTER OF SCIENCE IN ENGINEERING SCIENCE

CPT Keith Haynes, USA
LT George Janvier, USN
LT Lester B. Makepeace III, USN
LTJG Enis Percin, Turkish Navy
LT Eric Alan Tapp, USN
LT Bryce Edwin Wakefield, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LTJG Argirios Gamaletsos, Hellenic Navy
LT Philip G. McLaughlin, USN (With Distinction)

LCDR Kevin Stanley Mode, USN
LT Gregory John Reid, Australian Navy (With Distinction)

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

LT David R. Swain, USN

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

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, edgings 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	
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, West 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

