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Naval Postgraduate School Graduation Exercises / Class of December 2002

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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*Naval
Postgraduate
School*

**NAVAL POSTGRADUATE SCHOOL
ADMINISTRATION**

**Superintendent
REAR ADMIRAL DAVID R. ELLISON**

**Provost
DR. RICHARD S. ELSTER**

**Dean of School of International Graduate Studies
LTG ROBERT ORD, USA (Ret)**

**Dean of Graduate School of
Operational and Information Sciences
PROF WAYNE HUGHES**

**Dean of Graduate School of Engineering
and Applied Science
DR. JAMES KAYS**

**Dean of Graduate School of Business and Public Policy
DR. DOUG BROOK**

**Associate Provost/Dean of Research
DR. DAVID NETZER**

**Dean of Students
CDR LISA CURTIN, USN**

**Director of Programs
CDR TRISH MOORE, USN**

**Rear Admiral David R. Ellison
Superintendent
Naval Postgraduate School**



Rear Admiral Ellison hails from Weymouth, Massachusetts. After graduation from Weymouth High School in 1965, he participated in the Reserve Officer Candidate program while attending the Boston University College of Engineering. In 1966, he entered the U.S. Naval Academy and graduated in 1970 with a Bachelor of Science degree and a Commission as Ensign in the U.S. Navy. Rear Admiral Ellison's Navy operational, educational and staff experiences are extensive.

Rear Admiral Ellison has completed nine operational sea tours with five of seven deployments in crisis related operations. He was Combat Systems Officer in USS Virginia (CGN 38) during the Iranian Hostage Crisis in the early Eighties. During Cold War tensions with the Soviet Union, he operated in the Mediterranean as Executive Officer in USS VOGE (FF-1047). As Commanding Officer in USS KIDD (DDG-993), he deployed to the Arabian Gulf in Desert Shield/Desert Storm. Serving as Assistant Chief of Staff for Operations and Plans on the staff of Commander, Cruiser Destroyer Group Eight, and as Commanding Officer in USS YORKTOWN (CG-48), he operated in the Mediterranean supporting Joint/Coalition efforts during Adriatic Hostilities. Upon selection to Flag rank in 1997, he was assigned as Commander, South Atlantic Force, where he commanded Task Force 138 until December 1998. Rear Admiral Ellison assumed duties as Commander, Western Hemisphere Group in March 1999.

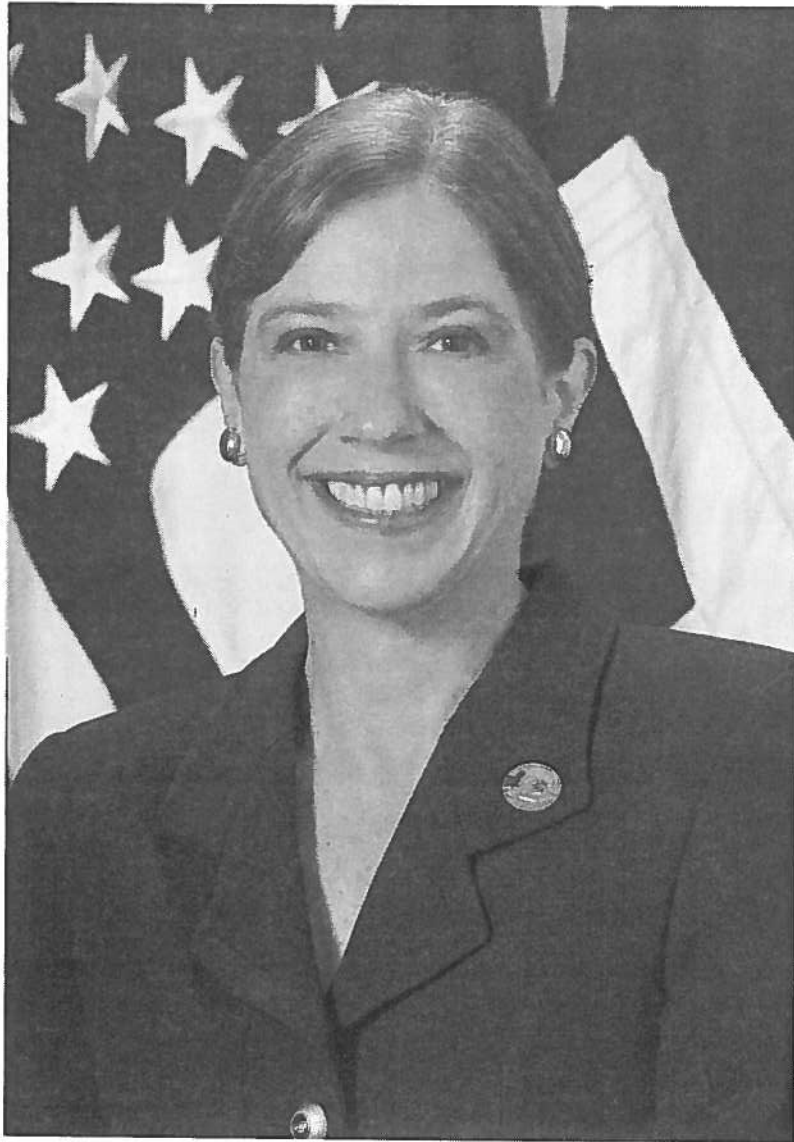
Rear Admiral Ellison's educational experiences are diverse. From 1973-1976, he served as an Assistant Professor at the U.S. Naval Academy and earned a Master of Science degree at the George Washington University. In 1984, he completed a Ph.D. in Business Administration at the Pennsylvania State University. After completing the Senior Officials in National Security program at Harvard University in 1990, he was assigned to the staff of the Chief of Naval Operations (CNO) Executive Panel. During the 1995-1996 academic year, he was a Fellow on the CNO Strategic Studies Group at the Naval War College.

Rear Admiral Ellison's Joint and Washington staff assignments are varied. He has had tours as: Manpower, Personnel, Training Analyst on the staff of the CNO (N81); Senior Military Assistant to the Assistant Secretary of Defense (Force Management and Personnel); Land Attack Warfare Branch Head on the staff of the CNO's Director, Surface Warfare (N86); and Executive Assistant to the Vice Chief of Naval Operations.

Rear Admiral Ellison's personal awards include: the Defense Superior Service Medal, the Legion of Merit (three awards), the Bronze Star w/Combat "V", the Meritorious Service Medal (three awards), the Navy Commendation Medal, the Navy Achievement Medal, and the Coast Guard Achievement Medal. In addition to these personal awards, Rear Admiral Ellison has earned several service awards, including the Combat Action Ribbon.

Rear Admiral Ellison is married to the former Leslie Hazel DiGravio, also of Weymouth, Massachusetts. They have three children: Christian, Kyle, and Kari.

**The Honorable Mrs. Susan Morrisey Livingstone
Under Secretary of the Navy**



Mrs. Livingstone has served her nation for more than 30 years in both government and civic roles. Prior to being nominated as the Undersecretary of the Navy, she had held the post of CEO of the Association of the United States Army (AUSA) and deputy chairman of its Council of Trustees. She also served as a vice president and a member of the Board of the Procurement Round Table, as well as a consultant on policy and management issues.

Mrs. Livingstone was a leader in the American Red Cross from 1993 to 1998 serving as Vice President of Health and Safety Services, Acting Senior Vice President for Chapter Services and as a consultant for Armed Forces Emergency Services.

As Assistant Secretary of the Army for Installations, Logistics and Environment from 1989 to 1993, Mrs. Livingstone was responsible for a wide range of programs including military construction, installation management, energy and environmental issues, domestic disaster relief and restoration of public infrastructure to the people of Kuwait following "Operation Desert Storm".

From 1981 to 1989, Mrs. Livingstone served at the Veterans Administration, now the Department of Veterans Affairs, in a number of positions including Associate Deputy Administrator for Logistics and the Associate Deputy Administrative for. Prior to her Executive Branch service, Mrs. Livingstone worked for more than nine years in the Legislative branch on the personal staffs of both a Senator and two Congressmen.

Mrs. Livingstone graduated from the College of William and Mary in 1968 with an A.B. degree and completed an M.A. in political science at the University of Montana in 1972. She also spent two years in postgraduate studies at Tufts University and the Fletcher School of Law and Diplomacy.

Mrs. Livingstone has received awards for her community and national service from the American Red Cross, the Veterans Administration and was awarded the United States Army's highest civilian award for her service.

A native of Carthage, Mo., she grew up in an Air Force family and claims Montana as her home state.

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 by the Secretary of the Navy. He was appointed to a second five-year term in July of 2000.

PLATFORM PARTY

FIRST ROW (Left to Right)

Captain George M. Clifford III
USN, CHC
Command Chaplain
Naval Postgraduate School

Lieutenant Colonel Richard Coon
USA
Chief of Staff
Defense Language Institute
Foreign Language Center

Lieutenant Colonel Bill Astore
USAF
Assistant Commandant
Defense Language Institute

Captain Charles Johnson
USCG
Chief, Telecommunications Division
Maintenance and Logistics Command Pacific
Coast Guard Island
Alameda, California

Colonel Mark L. Kalber
USANG
Chief, International Affairs
National Guard Bureau

The Honorable Mrs. Susan Morrissey Livingstone
Under Secretary of the Navy
Washington D.C.

Rear Admiral David R. Ellison
USN
Superintendent
Naval Postgraduate School

Dr. Richard S. Elster
Provost
Naval Postgraduate School

Rear Admiral Clarence Armstrong
USN
Trustee, Naval Postgraduate School
Foundation

Mr. Rob Simmons
President, Monterey Peninsula
Council Navy League

Commander Lisa A. Curtin
USN
Dean of Students
Naval Postgraduate School

SECOND ROW (Left to Right)

Dr. Oscar Biblarz
Department of Aeronautical and
Astronautical Engineering

Dr. Jim Eagle
Department of Operations Research

Dr. John Powers
Department of Electrical and
Computer Engineering

Dr. Young Kwon
Department of Mechanical Engineering

Dr. Robert E. Looney
Department of National Security Affairs

Dr. Peter Chu
Department of Oceanography

Dr. Chuck H. Wash
Department of Meteorology

Dr. William Maier
Department of Physics

Dr. Rudolph Panholzer
Space Systems Academic Group

Dr. Peter Denning
Department of Computer Science

Dr. Douglas A. Brook
Dean of Graduate School of Business
and Public Policy

Dr. Phil E. DePoy
Director, Meyer Institute of
Systems Engineering

Dr. Gordon H. McCormick
Special Operations

Dr. Dan Boger
Information Sciences

Prof. Fred Drake
Dean of Academics
Naval War College

**THURSDAY - 19 DECEMBER 2002
PROGRAM**

Processional The Marshalls

Professor Alfred Cooper Grand Marshall

Associate Professor William Gates Marshall

Associate Professor Craig Rasmussen Marshall

Lieutenant Colonel Greg Mislick Marshall

*Invocation Captain George M. Clifford

Introduction of Speaker Rear Admiral David R. Ellison

Address to Graduates The Honorable Mrs. Susan Morrissey Livingstone
Under Secretary of the Navy

Presentation of Awards Provost

Presentation of Candidates Department Chairmen

Announcement of Degrees Provost

*Benediction Captain George M. Clifford

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.

**19 DECEMBER 2002
GRADUATION AWARDS**

Monterey Council Navy League Award or Highest Academic Achievement - LT Joseph James Keller, 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 Sea Systems Command Award in Naval/Mechanical Engineering - LT James Joseph Juster, USN

LT Joseph James Keller, 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 Postgraduate School Outstanding Academic Achievement Award for Department of Defense Students - MAJ Steven A. Smith, 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 - LT Stavros Polydorou, Hellenic Navy

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

Naval Postgraduate School Superior Service Award - Capt Jon Strizzi, USAF

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.

Air Force Association Award for Outstanding U.S. Air Force Student - Capt Jon Strizzi, USAF

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

The Space Systems Engineering Award for Academic Excellence - Capt Jon Strizzi, 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.

Armed Forces Communications and Electronics Association Award - LTJG Irfan Kosa, Turkish Navy

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 - LCDR Carlos J. Carroll II, 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 William J. Ossenfort, USN

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

Rear Admiral Thomas R. McClellan Award for Academic Excellence in the Graduate School of Business and Public Policy - CDR James E. Reed, USN

Presented to a graduate of the Graduate School of Business and Public Policy based upon academic performance, professional commitment, and leadership potential.

Naval Supply Systems Command Award for Academic Excellence in Systems Management - LCDR Richard K. McCarthy, 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.

**Assistant Secretary of the Navy (Research, Development, and Acquisition) Acquisition Excellence Award -
LCDR Richard K. McCarthy, USN**

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.

Department of the Navy Award for Academic Excellence in Financial Management - LT Corey E. Thompson, 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 - LT Corey Thompson, USN

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

Conrad Scholar Award for Distinguished Academic Achievement in Financial Management -

LT Corey E. Thompson, USN

LT Christopher C. Gavino, USN

Maj Scott Griffith, USMC

LCDR Wayne W. Anderson, 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.

Graduate School of Business and Public Policy Faculty Award for Excellence in Management -

LTCOL Joshua How Hoang, Ho, Singapore Army

Presented to a graduating student in any of the Graduate School of Business and Public Policy 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.

Graduate School of Business and Public Policy Faculty Outstanding International Student Award -

LTCOL Joshua How Hoang, Ho, Singapore Army

Eng Hwee Low, Singapore

Presented to an outstanding international graduate as selected by the Graduate School of Business and Public Policy faculty based on academic achievement, thesis research, motivation, and community involvement.

United States Naval Institute Award - LT Jeremy Gray, 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.

Army Acquisition Corps Award for Scholastic Achievement -

Mr. Ronald E. Chronister, Department of the Army

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

The Surface Navy Association's Award for Excellence In Surface Warfare Research - LCDR Joseph Brennan, 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 Northrup Grumman Award for Excellence in Systems Engineering and Integration -

LCDR Aaron Scott Peters, USN

MAJ Chee Yang Kum, Singapore Navy

MAJ Poh Seng Wee Patrick, Singapore Navy

LTC Loh Kean Wah, Singapore Air Force

CDR William Kurt Erhardt, USN

Presented annually to a graduating student or students from the Systems Engineering and Integration Curriculum to recognize excellence and innovation in the application of systems engineering and integration methodologies to national and international security problems.

FACULTY AWARDS

Carl E. and Jesse W. Menneken Annual Faculty Award for Excellence in Scientific Research - Assoc Prof Douglas Fouts, Department of Electrical and Computer Engineering

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.

GRADUATES

Doctor of Philosophy in Aeronautical and Astronautical Engineering

Capt Jon David Strizzi, USAF

Doctor of Philosophy in Operations Research

LTC Thomas M. Cioppa, USA

Electrical Engineer

1LT Diogo Camara Pereira, Brazilian Air Force

Mechanical Engineer

LT James Joseph Juster, USN

LT Joseph James Keller, USN

Aeronautical and Astronautical Engineer

LCDR Ronald Michael Bishop Jr., USN

LT Scott B. Josselyn, USN

LCDR Robert Evan Stevens, USN

*LT Justin M. Verville, USN

Master of Arts in National Security Affairs

MAJ Bruce M. Carswell, Jr., USA

MAJ Mark A. Malcom, USA

CPT Lawrence C. Micklus, USA

❖LT Robert T. Bryans, Jr., USN (With Distinction)

❖LT Samuel Fletcher De Castro, USN

❖LT Brett A. Garvie, USN

❖LT Jeremy Gray, USN

*❖LT Ryan J. Green, USN

CPT Sung Min Kim, Korean Navy

❖LT Tom Sandoval, USN

❖LT Leon B. Scoratow, USN (With Distinction)

❖LT Page Eric Small, USN

Capt Bart W. Logue, USMC

1LT Jana Rose Day, USAF (With Distinction)

Capt William H. Pruitt, USAF

*CAPT Brett Schuyler Seiling, USAF

Capt Jae B. Sim, USAF

CPT Robert Bukowski, Polish Army

Mr. Ferdinand Xhaferaj, Civilian Albania

Master of Arts in International Security and Civil-Military Relations

MAJ Mark C. Bour, USANG

LtCol Jay Arthur Brookman, USANG

Capt William R. Davis, III, USANG

CPT Albert T. Gorman, USARNG

MAJ Benjamin C. Luoma, Jr., USARNG

CPT George William Mason III, USARNG

*MAJ Ellen J. Reilly, USARNG

*MAJ Spencer Robinson, USARNG

CPT Eric G. Wishart, USARNG (With Distinction)

MAJ Mace J. Oswald, USA

MAJ Stephen A. Smith, USA

φLT Stavros Polydorou, Hellenic Navy

Mr. Ferdinand Xhaferaj, Albanian Parliament (With Distinction)

Master of Science in Electrical Engineering

LCDR Joseph Brennan, USN

LT Vasileios Bouras, Hellenic Navy

LCDR Carlos J. Carroll II, USN

1LT Diogo Camara Pereira, Brazilian Air Force

LT Aristeidis Kalfoutzos, Hellenic Navy

LTJG David Thomas Mattox, USN

LTJG Mahmut Erel, Turkish Navy

LTJG Ilhan Gokben, Turkish Navy

LTJG Irfan Kosa, Turkish Navy

LT Michael Snelling, USN

Mr. Edward W. Beran, DOD

Mr. Donald Richard Green, DOD

Mr. Jeffery S. Guthart, DOD

Mr. Michael Andrew Tope, DOD

Mr. Kevin Andrew Waters, DOD

Master of Science in Engineering Science (Electrical Engineering)

Capt Shawn B. Davis, USMC

Master of Science in Mechanical Engineering

LT Lynn Fodrea, USN
LT Joseph James Keller, USN (With Distinction)
LT James Joseph Juster, USN
LCDR Mark Thornell, USN
LT Brian Edward Higgins, USCG
LTJG Murat Korkut, Turkish Navy
LTJG Mehmet Koray Savur, Turkish Navy

Master of Science in Aeronautical Engineering

Mr. Paul Mortaloni, Civ (With Distinction)
*LT Bryan J. Fetter, USN (With Distinction)

Master of Science in Astronautical Engineering

LCDR Ronald Michael Bishop Jr., USN
LT Gary Lynn Cave, USN (With Distinction)
LCDR Craig Scott Coleman, USN
LT Scott B. Josselyn, USN
LCDR Robert Evan Stevens, USN
LT Steven Patrick Werner, USN
Capt Richard C. Luce Jr., USAF

Master of Science in Meteorology and Physical Oceanography

LCDR Brett Steven Martin, USN
LT Kelly Elizabeth Taylor, USN

Master of Science in Applied Physics

CPT Kang Suk Kim, Korean Army
LT Vasileios Bouras, Hellenic Navy (With Distinction)
LCDR Fulvia M. Fiorani, USN
❖LT Jean Gray, USN
❖LCDR Bryan E. Herdlick, USN
LT Aristeidis Kalfoutzos, Hellenic Navy (With Distinction)
❖LT Stavros Polydorou, Hellenic Navy
LT Michael Smith, USN
Capt Kristine Lee Olson, USAF
MAJ Donald Carrier, USMC

Master of Science in Physics

*LT Thomas Campbell, USN
*LT William Ossenfort, USN
MAJ Anastasios Halvatzis, Hellenic Air Force (With Distinction)

Master of Science in Space Systems Operations

Neil P. Acantilado, SPAWAR
❖LCDR Gisele Marlina Bonitz, USN

Master of Science in Engineering Acoustics

*❖LT Stephen C. Karpi, Jr., USN
❖LT Stavros Polydorou, Hellenic Navy

Master of Science in Operations Research

LTJG Mehmet Aytekin, Turkish Navy
LTJG Özgür Erken, Turkish Navy (With Distinction)
LT Kim, Chi Hoon, Republic of Korean Navy
Major Luiz Alberto Pereira Bianchi, Brazilian Air Force
Major Davi Rogério da Silva Castro, Brazilian Air Force

Master of Science in Computer Science

MAJ Chaiporn Dechjaroen, Royal Thai Army
CPT Lee Peng Joo, Singapore Army
CPT Kang Suk Kim, Korean Army
MAJ Panagiotis Aposporis, Hellenic Air Force

Master of Science in Software Engineering

Mr. Christopher P. Acantilado, SPAWAR
Mr. Neil P. Acantilado, SPAWAR (With Distinction)
*Mr. E. John Custy, SPAWAR

Master of Science in Management

CPT Kirby D. Beard, USA
CPT Michael J. Devine III, USA
MAJ Dean M. Hoffman IV, USA
CPT Devon NuDelman, USA
MAJ Samuel L. Peterson, USA (With Distinction)
CPT Jeffery Stone, USA
❖LCDR Wayne W. Anderson, Jr., USN
❖LT Gregory Blyden, USN
LCDR Robert A. Brooks, Jr., USN
*LCDR Michael Cavil, USNR
❖LT Daniel Cobian, USN
LCDR Sonya Ebright, USN
LT Roberto F. Ecarma, USNR
❖LT Christopher Gavino, USN (With Distinction)
*LT Scott Hall, USN
❖LCDR Marichal Hill, USN

❖LCDR Bernard Knox, USN
 ❖LT Michael La Vielle, USN
 ❖LCDR Richard McCarthy, USN (With Distinction)
 ❖LCDR Thomas J. Moreau, USN
 LCDR Daniel J. Noll, USN
 ❖LCDR Patrick J. O'Connor, USN
 CDR James E. Reed, USN
 ❖LCDR Arthur Rowe, USN
 LCDR Jeffrey A. Schmidt, USN
 LT Bernard L. Simonson, USN
 ❖LT John W. Skarin, USN
 LT Corey Thompson, USN (With Distinction)
 LCDR Barbara Tucker, USN
 LT Philip Urso, USN
 ❖LT Brett Wagner, USN
 Maj Joseph L. Burroughs II, USMC
 Capt George T. Carroll, USMC
 Capt Cindy Duggan, USMC
 *Capt Robert Flannery, USMC
 Maj Eric B. Garretty, USMC
 Capt Luis Garza, USMC
 Capt Brian T. Grana, USMC
 *Maj Scott Griffith, USMC (With Distinction)
 Capt Aaron Knepel, USMC
 Maj William Mayberry, USMC
 Capt Shaun McDoniel, USMC
 Capt Scott Miller, USMC (With Distinction)
 Maj Joe Morris, USMC
 Maj Steven J. Mullen, USMC
 Capt Marvin L. Norcross, Jr., USMC
 Maj Christopher L. Page, USMC
 Capt Elizabeth D. Perez, USMC
 Maj JoCephas Rozier, USMC
 Capt Phillip Schendler, USMC
 Capt Brian Taylor, USMC
 Neill Krost, Civilian (With Distinction)
 Major Reyad M J Al Isa, Bahraini Air Force
 1LT Huseyin Demir, Turkish Army

CDR Antonio Atanacio A. Habulan, Jr., Philippine Navy
 Lt Colonel Joshua Ho, How Hoang, Singapore Ministry of Defense (With Distinction)
 Eng Hwee Low, Civilian, Republic of Singapore (With Distinction)
 CAPT Carlos H. Velasco, Colombian Navy (With Distinction)

Master of Science in Contract Management

*Mr. Aaron Cheifetz, Department of the Army
 Ms. Gail E. Clements, Department of the Army
 Ms. Carmel Costa, Department of the Army
 Ms. Wilma M. Freeman, Department of the Army
 Ms. Connie Goodwin, Department of the Army
 Ms. Pamela Milton, Department of the Army
 Mr. Michael Neeb, Department of the Army
 Ms. Bette Eckard Stricker, Department of the Army
 *Mr. Joseph B. Tappel, Department of the Army

Master of Science in Program Management

Mr. Ronald Chronister, Department of the Army
 Mr. Andrew Dobbs, Department of the Army
 Mr. Jerry Esquibel, Department of the Army
 Mr. Edward Ference, Department of the Army
 Ms. Beverly J. Fuller, Department of the Army
 Ms. Margaret Fuller Haack, Department of the Army
 Mr. George Hunt, Department of the Army
 Mr. Philip LaFerriere, Department of the Army
 Mr. Glenn R. McPherson, Department of the Army
 Mr. Jerome A. Oelrich, Department of the Army
 Mr. William Pearce, Department of the Army

Master of Science in Systems Integration

❖LT Luis Armando, Alvarez, USN
 ❖LCDR Aaron Scott Peters, USN
 ❖LT Matthew James Steeno, USN
 CPT Lau Hui Boon, Singapore Army
 MAJ Lim Wei Lian, Singapore Army (With Distinction)
 MAJ Ong Hoon Hong, Singapore Army
 CPT Tan Choo Thye, Singapore Army

MAJ Chee Yang Kum, Republic of Singapore Navy
 MAJ Poh Seng Wee Patrick, Republic of Singapore Navy
 LTC Loh Kean Wah, Singapore Republic of Air Force (With Distinction)
 MAJ Teo Ping Siong, Republic of Singapore Air Force

Master of Science in Defense Analysis

- ❖LCDR Mark Jurgen Bollong, USN
- ❖LT Joseph Clayton Butner IV, USN
- ❖LT Scott Hudson Kraft, USN

Master of Science in Systems Engineering

- ❖CDR William Kurt Erhardt, USN
- ❖LT John Patrick Stallcop, USN

Master of Science in Information Technology Management

- LT Peter Joseph Spitale, USN
- *Maj Kevin Brian Kelliher, USMC
- *Maj Terry Lee Branstetter, Jr., USMC

Master of Science in Engineering Science (Mechanical Engineering)

- *LTJG Ellery A. Blood, USN
- *LTJG Alexander L. Enders, USN
- *LTJG Keith E. Morgenstern, USN
- *ENS Nicholas G. Wright, USN (With Distinction)
- *LTJG Bryan W. Wakefield, USN (With Distinction)

*- graduating in absentia

❖ - Denoted students who completed their Joint Professional Military Education

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>
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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. W. Germany.....	White	Moonglow
Columbia University	Light Blue	White
Duke University.....	Royal Blue	White
Harvard University	Crimson	
Yale University	Blue	
University of Denver.....	Cardinal	

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 25,000 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 42 different curricula split between the School of International Graduate Studies, and the Graduate Schools of Operational and Information Sciences, Engineering and Applied Science, and the School of Business and Public Policy. Each curriculum is tailored to provide the academic requirements for accredited advanced degrees and meet the additional educational skill requirements necessary for subsequent assignments. Officers are obliged to remain in service for about three 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. In order to keep abreast in their areas of expertise, faculty members conduct research beneficial to many governmental agencies. Many of our faculty are internationally recognized in their respective fields. 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.

