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2002-12

## 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.

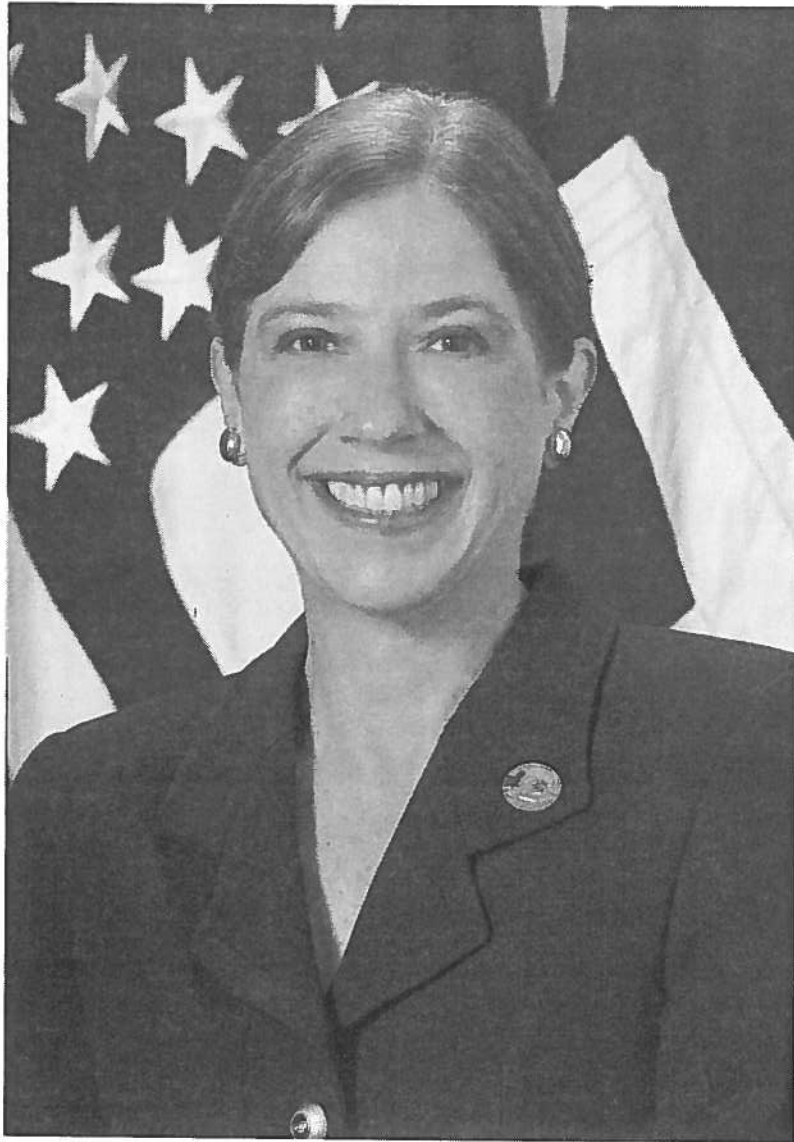
Rear Admiral Ellison's educational experiences are diverse. From 1973-1976, he served as an Assistant Professor at the U.S. Naval Academy and earned a Master of Science degree at the George Washington University. In 1984, he completed a Ph.D. in Business Administration at the Pennsylvania State University. 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. Scratow, 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.

