



2003-06

# Naval Postgraduate School Commencement Ceremony / Class of June 2003

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

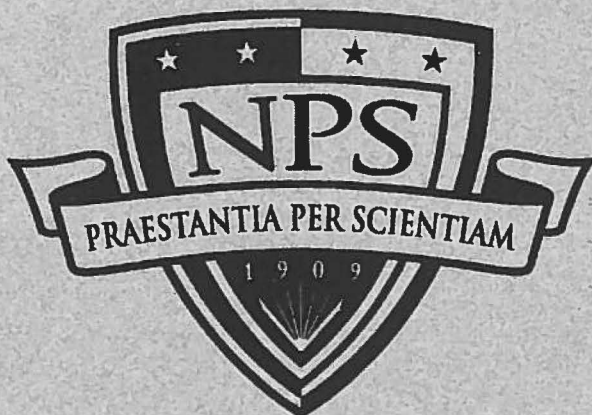


Calhoun is a project of the Dudley Knox Library at NPS, furthering the precepts and goals of open government and government transparency. All information contained herein has been approved for release by the NPS Public Affairs Officer.

**Dudley Knox Library / Naval Postgraduate School  
411 Dyer Road / 1 University Circle  
Monterey, California USA 93943**

<http://www.nps.edu/library>

REF  
V  
422  
.F4  
U6  
2003  
June



# NAVAL POSTGRADUATE SCHOOL

## Commencement Ceremony

**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. DOUGLAS A. 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 VOGUE (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.

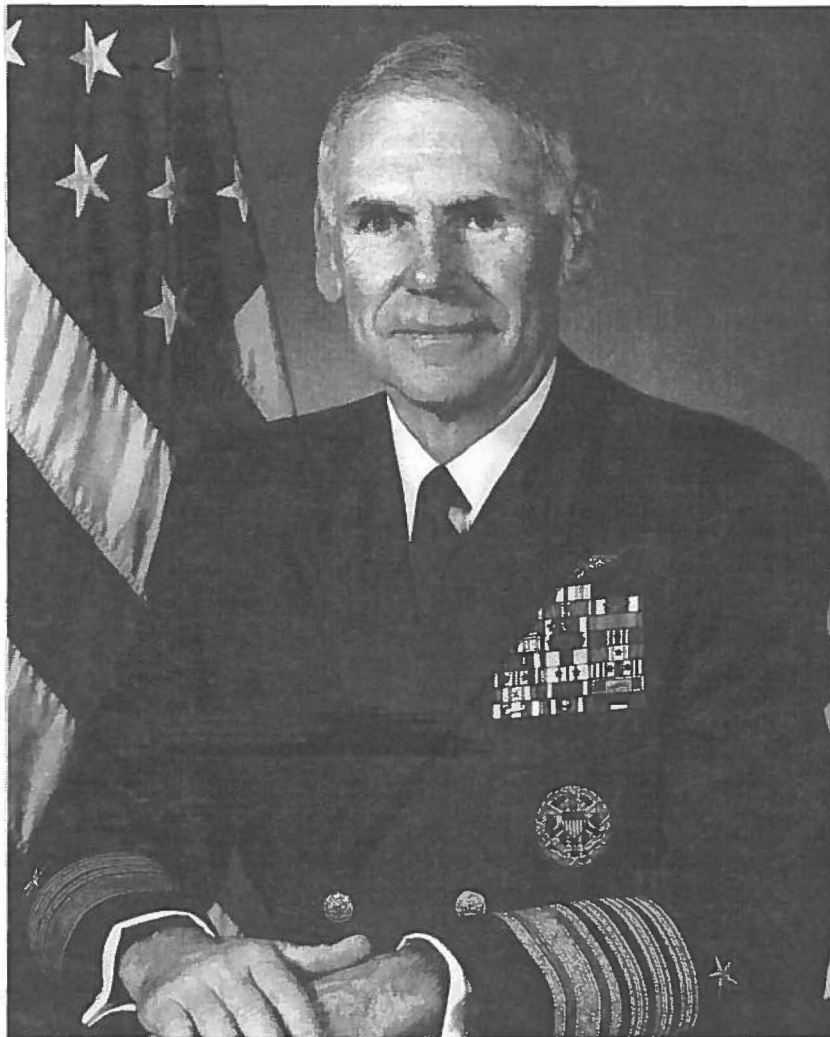
**Admiral William J. Fallon**  
**Vice Chief of Naval Operations**

Admiral William J. Fallon is a native of Merchantville, N.J. A 1967 graduate of Villanova University, he received his commission through the Navy ROTC Program and as designated a naval flight officer upon completion of flight training in December 1967. Admiral Fallon began his Naval Aviation service flying in the RA-5C Vigilante with a combat deployment to Vietnam, transitioning to the A-6 Intruder in 1974. He served in flying assignments with Attack Squadrons and Carrier Air Wings for twenty-four years, deploying to the Mediterranean Sea, Atlantic, Pacific and Indian Oceans embarked in USS Saratoga, US Ranger, USS Limits, USS Dwight D. Eisenhower, and USS Theodore Roosevelt. He logged more than 1300 carrier-arrested landings and 4,800 flight hours in tactical jet aircraft.

Admiral Fallon commanded Attack Squadron SIXTY FIVE embarked in USS Dwight D. Eisenhower, Medium Attack Wing ONE at NAS Oceana, Va., and Carrier Air Wing EIGHT in USS Theodore Roosevelt during a combat deployment to the Arabian Gulf for Operation Desert Storm in 1991. Assigned as Commander, Carrier Group EIGHT in 1995, he deployed to the Mediterranean as Commander, Theodore Roosevelt Battle Group and commanded Battle Force SIXTH Fleet (CTF 60) during NATO's combat Operation Deliberate Force in Bosnia. Admiral Fallon served as Commander, SECOND Fleet and Commander, Striking Fleet Atlantic from November 1997 to September 2000.

Shore duties included assignments as Aide and Flag Lieutenant to the Commander, Fleet Air Jacksonville, and to the staffs of Commander, Reconnaissance Attack Wing ONE; Commander Operational Test Force; and Commander, Naval Air Force, U.S. Atlantic Fleet. He has served as Deputy Director for Operations, Joint Task Force, and Southwest Asia in Riyadh, Saudi Arabia, and as Deputy Director, Aviation Plans and Requirements on the Staff of the Chief of Naval Operations in Washington, D.C. His first flag officer assignment was with NATO as Assistant Chief of Staff, Plans and Policy for Supreme Allied Commander, Atlantic. He was then assigned as Deputy and Chief of Staff, U.S. Atlantic Fleet, followed by assignment as Deputy Commander in Chief and Chief of Staff, U.S. Atlantic Command. Admiral Fallon was appointed as the 31<sup>st</sup> Vice Chief of Naval Operations on 11 October 2000.

Admiral Fallon is a graduate of the Naval War college, Newport, R.I., the National War College in Washington D.C., and has a Master of Arts Degree in International Studies from Old Dominion University. His awards include the Defense Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit, Bronze Star, Meritorious Service Medal, Air Medal, Navy Commendation Medal, and various unit and campaign decorations.





**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**

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

**Colonel Michael Simone**  
USA  
Inspector General  
Defense Language Institute  
Foreign Language Center

**Colonel Sandra Wilson**  
USAF  
Chief of Staff  
Defense Language Institute  
Foreign Language Center

**Commander Christopher Tomney**  
USCG  
Deputy Chief Coast Guard Pacific Area  
Intelligence Division  
Alameda, California

**Colonel John Rees**  
USMC  
Commanding Officer  
Headquarters Support Battalion  
MCB Camp Pendleton

**Admiral William J. Fallon**  
USN  
Vice Chief of Naval Operations  
Washington D.C.

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

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

**Rear Admiral David Bill, USN (Ret)**  
Executive Director  
Naval Postgraduate School Foundation

**Rear Admiral Wayne E. Meyer, USN (Ret)**  
Wayne E. Meyer Institute of Systems Engineering

**Mr. Ted Castle**  
President,  
Monterey Peninsula Council Navy League

**The Honorable Anna Caballero**  
Mayor of Salinas

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

**Dr. Young Kwon**  
Department of Mechanical Engineering

**Dr. Brij Agrawal**  
Department of Aeronautical and Astronautical  
Engineering

**Dr. Clyde Scandrett**  
Department of Mathematics

**Dr. Jim Eagle**  
Department of Operations Research

**Dr. Peter Denning**  
Department of Computer Science

**Dr. William Maler**  
Department of Physics

**Dr. Bob Looney**  
Department of National Security Affairs

**Dr. John Powers**  
Department of Electrical and Computer Engineering

**Dr. Phil DePoy**  
Director Wayne E. Meyer Institute of Systems  
Engineering

**Dr. Chuck H. Wash**  
Department of Meteorology

**Dr. Mary Batteen**  
Department of Oceanography

**Dr. Michael Zyda**  
Department of Modeling, Virtual Environments and  
Simulation

**Dr. Gordon H. McCormick**  
Department of Defense Analysis

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

**Dr. Dan Boger**  
Information Sciences

**Prof. Fred Drake**  
Dean of Academics  
Naval War College

## **FRIDAY - JUNE 20, 2003 PROGRAM**

**Processional . . . . .The Marshalls**

**Associate Professor Craig Rasmussen . . . . .Grand Marshall**

**Associate Professor William Gates . . . . .Marshall**

**Captain John Muttly, USN (Ret) . . . . .Marshall**

**Lieutenant Colonel Dan Barber . . . . .Marshall**

**\*Invocation . . . . .Captain George M. Clifford**

**Introduction of Speaker . . . . .Rear Admiral David R. Ellison**

**Address to Graduates . . . . .Admiral William J. Fallon  
Vice Chief of Naval Operations**

**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.**

**20 JUNE 2003  
GRADUATION AWARDS**

**Monterey Council Navy League Award or Highest Academic Achievement -  
CDR Marcus Pritchard, 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.

**Rear Admiral Thomas R. McClellan Award for Academic Excellence in the  
Graduate School of Business and Public Policy - §CDR Marcus Pritchard, USN**

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

**American Society of Military Comptrollers Award for Excellence in Research -  
§CDR Marcus Pritchard, 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.

**Graduate School of Business and Public Policy Faculty Award for Academic  
and Personal Excellence in Management - §CDR Marcus Pritchard, USN**

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.

**Conrad Scholar Award for Distinguished Academic Achievement in Financial  
Management - §CDR Marcus Pritchard, USN, §LCDR Andrew Hascall, USN,  
§LCDR Christopher Koczur, USN, and §LT William Gantt, 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.

**Department of the Navy Award for Academic Excellence in Financial  
Management - §LCDR Andrew Hascall, 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.

**Naval Postgraduate School Outstanding Academic Achievement Award for  
Department of Defense Students - Ms. Lynzi Ziegenhagen**

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 - LTJG Jihed Boulares, Tunisian 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 --  
Maj Christopher Zuchristian, USMC**

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 Max S. Green, USMC**

Presented quarterly to the graduating U.S. Marine Corps student in any curriculum for superior service. The award is presented on the basis of superior contributions to the student body, professional community, and local Monterey area.

**Air Force Association Award for Outstanding U.S. Air Force Student -  
Capt Oren Upton, 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.

**2002 Warren Randolph Church Award for Excellence in Mathematics -  
§LTC Archie Wilmer III, USA**

**§CDR Vincent van Joolen, USN**

Presented annually to an officer students for outstanding performance in mathematics. The criteria for selection includes evidence of initiative, scholarly attitude and mathematical maturity.

**Army Chief of Staff Award for Excellence in Operations Research -  
§MAJ Joseph A. Baird, USA**

Presented semiannually to an outstanding U.S. Army student in the Operations Research Curriculum on a basis of Academic Achievement, research excellence, experience tour performance, and military professionalism.

**Admiral William Adger Moffett Award (Aeronautics) -  
\*§LT Justin M. Verville, USNR**

Presented annually to an officer student in the Aeronautical Engineering program on the basis of academic excellence, including thesis, and career potential.

**Space and Naval Warfare Systems Command Award in Electronic Systems  
Engineering - §Capt Max S. Green, USMC**

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 -  
§LCDR Lance C. Esswein, USN**

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

**The Surface Navy Association's Award for Excellence in Surface Warfare Research - §LCDR Lance C. Esswein, 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.

**Naval Sea Systems Command Award in Naval/Mechanical Engineering -  
§LT Nathan Schneider, 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.

**Oceanographer of the Navy Air-Ocean Science Award -**

**\*§LT Micah A. Weltmer, USN**

Awarded annually to an Air-Ocean Sciences graduate with outstanding academic performance and exhibition of those qualities indicative of an outstanding military officer.

**Naval Supply Systems Command Award for Academic Excellence in Management - §LCDR Andrew Matthews, 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.

**Rear Admiral Grace Murray Hopper Computer Science Award -**

**§Mr. Lindsey Lack, Federal Cyber Corp**

Presented in recognition of excellence in Computer Science to the outstanding graduate in Computer Science, who has demonstrated outstanding academic performance, thesis quality and leadership ability.

**Rear Admiral Grace Murray Hopper Information Technology Management Award - §LtCol W. R. Goldschmidt, USMC**

Presented in recognition of excellence in Information Technology Management to the outstanding graduate in Information Technology, who has demonstrated outstanding academic performance, thesis quality and leadership ability.

**United States Naval Institute Award - §Mr. Lazar Peter, Hungary**

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.

**Joint Chiefs of Staff Command, Control and Communications Award for Academic Achievement - Capt James M. Trachier, USAF**

Presented annually to the outstanding graduate of the Joint Command, Control and Communications Program in recognition of distinguished academic achievement based on marks attained quality of thesis and overall performance.

**Astronaut Michael J. Smith, CAPT, USN, Astronautics Award -  
§LCDR Robert Stevens, USN**

Presented annually to an outstanding graduate of the Space Systems Engineering or Space Systems Operations curricula. The award is made on the basis of the student's academic excellence, including thesis, and career potential.

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

**§Mr. Paul Russial, FISC Norfolk, Det Philadelphia**

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.

**Graduate School of Business and Public Policy Faculty Outstanding International Student Award - §LCDR Ilias Polymenidis, Hellenic Navy**

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.

**Military Operations Research Society Stephen A. Tisdale Graduate Research Award - §Maj Gregory W. Rouillard, USMC**

Presented in recognition of outstanding achievement in graduate research directed toward improving military force utilization. The primary award criterion is research which leads to demonstration of or potential for increased operating effectiveness of currently available or near term assets.

**The Leadership, Education, and Development Program Award -**

**§LT Christopher Polk, USN**

Presented to the outstanding graduate of the LEAD program at the U.S. Naval Academy, based on overall academic performance, leadership, and thesis excellence.

**First Command Military Leadership Award - §CDR Joe Sullivan, USN**

Presented semi-annual to a active duty military faculty or staff members at the Naval Postgraduate School, who, in the opinion of the next two graduating classes, contributed the most to the professional and military success of the graduates during their assignment at the Naval Postgraduate School.

**Commander George L. Phillips Modeling, Virtual Environments, and Simulation Award - §CAPT Thomas Orichel, German Army**

Presented in recognition of excellence in Modeling, Virtual Environments & Simulation (MOVES) to the outstanding graduate in MOVES who has demonstrated outstanding academic performance, thesis quality and leadership ability.

## FACULTY AWARDS

### **Rear Admiral John Jay Schieffelin Award for Excellence in Teaching –**

**Professor John Arquilla, Department of Defense Analysis**

Presented annually to recognize faculty members, who, through wide consensus, excel as teachers. This consensus is ascertained through a ballot polling of students and graduates.

## MEYER INSTITUTE AWARDS

### **Meyer Award for Teaching Excellence In Systems Engineering (Distance Learning) - Dr. Dave Matthews**

The award is presented at any graduation to an outstanding faculty member of the Meyer Institute's Distance Learning Systems Engineering degree program that is recognized by the students for teaching excellence and/or exceptional contributions to the students' overall learning experience.

### **Meyer Award for Outstanding Students in Systems Engineering (Distance Learning) - Mr. Timothy Troske, Mr. Wesley Holser, and Ms. Debra Oberlander**

The award is presented at any graduation to an outstanding Department of Defense graduate of the Meyer Institute's Distance Learning Systems Engineering degree program that has demonstrated superior academic performance.

\* - Denotes students who are presented in absentia

§ - Denotes students whose awards were previously presented

## GRADUATES

### Doctor of Philosophy in Mechanical Engineering

CDR Leonard J. Hamilton, USN

CDR William J. Marr, USN

### Doctor of Philosophy in Aeronautical and Astronautical Engineering

CDR Mark A. Couch, USN

### Doctor of Philosophy in Applied Mathematics

LTC Archie Wilmer III, USA

CDR Vincent van Joolen, USN

### Doctor of Philosophy in Operations Research

CDR Gustavo H. Martins, Brazilian Navy

### Doctor of Philosophy in Software Engineering

LTC Joseph F. Puett III, USA

### Doctor of Philosophy in Engineering Acoustics

\*CDR Mitchell N. Shipley, USN (Ret.)

### Mechanical Engineer

LTJG Jihed Boulares, Tunisian Navy

LT Nathan A. Schneider, USN

### Master of Arts in National Security Affairs

CPT Marcus P. Acosta, USA

LTC Serdar, Amarsayhan, Mongolian Army

MAJ Tibor Babos, Hungarian Army

MAJ Douglas M. Faherty, USA (With Distinction)

LTC(GS) Peter Frank, German Army (With Distinction)

CPT Mieczyslaw Malec, Polish Army

LTC Dietmar Pfarr, Austrian Army

LTC Charles A. Pryde, USA (With Distinction)

MAJ Gerald R. Scott, USA

MAJ Athanasios Tsouganatos, Hellenic Army

§LCDR Keith Winfield Allen, USN

§LT Jacob Candelaria, USN

§LT Eric D. Jones, USN

§LT Robert C. Lewis, USN

§LT Kenneth R. Lieberman, USN

§LT Michael R. Niznik, USN

CDR Martin F. Piechot, German Navy

LCDR Son, Dae Yeol, Korean Navy

LCDR Lars Stellmann, German Navy

\*Maj Michael W. Binney, USMC

Maj John Joseph Donahoe, USMC

§Maj Daniel R. Kaiser, USMC

Capt Brian Patrick McLaughlin, USMC  
§Maj Donald Joseph Riley, Jr., USMC (With Distinction)  
Maj Chad Lawrence Sbragia, USMC  
Capt Colin Smith, USMC

§Maj Anthony M. Sparagno, Jr., USMC  
Maj Timothy L. Sullivan, USMC  
LTC Dahir Aden Abrar, Djibouti Air Force  
1LT Özgür Acar, Turkish Air Force  
\*Capt John Richard Barnett, USAF  
MAJ Miltiadis Fakitsas, Hellenic Air Force

Capt John T. Nugent, Jr., USAF  
Capt Christopher Michael Parker, USAF  
Capt Zachary LeBaron Smith, USAF  
Capt Oren K. Upton, USAF

Capt Tara Rochelle Valentine, USAF  
2LT Mehmet Yilmaz, Turkish Air Force

Mr. Leonard Petrit Demi, The Parliament of the Republic of Albania  
Mr. Lázár Péter, Hungarian Ministry of Defense

**Master of Arts in International Security and Civil-Military Relations**

MAJ Tibor Babos, Hungarian Army  
MAJ Valeriu Mija, Army, Moldovan Army  
\*MAJ Linda M. Royer, USANG  
Lt Col Andrew E. Salas, USANG (With Distinction)  
MAJ Miltiadis Fakitsas, Hellenic Air Force

**Master of Science in Electrical Engineering**

MAJ John D. Ballard, USA  
1LT Ozkan Kantemir, Turkish Army  
ENS Charles Newton Adams IV, USN  
ENS Bobby Alan Bassham, USN  
LCDR Robert Allen Crowe, USN  
ENS Bridget B. O'Loughlin, USN  
§LT Georgios Pelekanos, Hellenic Navy  
LT Steven J. Perchalski, USN (With Distinction)  
LT Steven G. Plonka, USN  
\*CDR Stephen Joseph Pollard, USN  
ENS Jason Adam Zengel, USN  
Capt Barry A. Dowdy, USMC  
Maj Dean A. Ebert, USMC  
Capt Max S. Green, USMC (With Distinction)  
\*Mr. Edward Neil Parrott, DoD

**Master of Science in Mechanical Engineering**

ENS Michelle K. Betancourt, USNR  
LT Matthew A. Cryer, USNR  
§LT Charles Ehnes, USN  
ENS Jon Stuart Erskine, USNR

ENS Kenneth Brent Faires, USNR  
LT David L. Ramthun, USN  
²LT Francis Daniel Rochford, USN  
LT Christopher John Sarton, USN  
LT Nathan A. Schneider, USN  
ENS Charles Frederick Walton, Jr., USNR  
LT William Nabach, USCG  
LTJG Jihed Boulares, Tunisian Navy

**Master of Science in Engineering Science (Mechanical Engineering)**

\*LTJG Karl O. Burnett, USNR  
\*LTJG Troy R. Heytens, USNR  
\*LTJG Richard M. Matlack, USNR  
\*LTJG Meredith R. Neal, USNR  
\*LTJG James E. Smiley III, USNR  
\*LTJG Daniel T. Whitted, USNR

**Master of Science in Aeronautical Engineering**

ENS Christopher J. Bradshaw, USNR  
\*LT Bradley E. Brewer, USN  
\*LT Joseph G. Buckler, USN  
\*LT Robert L. Byers, USN  
ENS Benjamin Robert Carter, USNR  
\*§LT Jeffrey J. Carty, USN  
ENS John Salvatore Ciaravino, USNR  
ENS Romen Dion Cross, USNR  
ENS Kevin Michael Ferguson, USNR  
ENS Philipp Alan Lines, USNR  
ENS Jason Nicholas Papadopoulos, USNR (With Distinction)  
ENS Matt Rodgers, USNR (With Distinction)  
\*LT Justin M. Verville, USNR

**Master of Science in Aeronautical Engineering (Avionics)**

LCDR Cristian Sir, Chilean Navy

**Master of Science in Product Development**

CDR Arthur Salindong, USN

**Master of Science in Meteorology and Physical Oceanography**

\*LCDR John Martin Daziens, USN

**Master of Science in Physical Oceanography**

ENS Robert Dean Holt, USNR  
ENS Colleen Mary O'Malley, USNR  
ENS Timothy Allen Ray, USNR  
ENS Mathias Karl Roth, USNR  
ENS Kristi Mae Tjoa, USNR

§LT Erik Lohrke, USN  
 §LT Jaja J. E. Marshall, USN  
 §LCDR Andrew Matthews, USN  
 §LCDR Christopher Parker, USN  
 \*§LCDR Gregory Stephen Pekari, USN  
 §CDR Marcus Allen Pritchard, USN (With Distinction)  
 §LT Ricky Rivera, USN  
 \*§LT Christopher E. Roberto, USN  
 LCDR Wesley E. Spidell, USN  
 LT Joshua Tucker, USN  
 LT Nathalie M. Zielinski, USN  
 Major Christopher Zuchristian, USMC  
 CPT Gyarmati Mihály, Hungarian Army  
 1LT Hajdu Zsolt, Hungarian Army  
 Capt Lesego Kgakge Kitso, Botswana Defence Force  
 Maj Daniel Velislavov Minkov, Bulgarian Air Force  
 MAJ Adrian Morariu, Romanian Army  
 LTC Politov, Georgi Dimitrov, Bulgarian Army  
 CPT Suriya Sangsub, Royal Thai Army  
 MAJ Ladislav Stolárik, Czech Republic Air Force  
 Maj Vitalii Kartashov, Ukrainian Air Force  
 1LT Emine Gülsen Torunoglu, Turkish Air Force  
 CPT Phuwadol Udomsilp, Royal Thai Army  
 CPT Hana Visnovska, Czech Republic Army

**Master of Science in Management**

CPT Janet M. Elbert, USA  
 §LCDR William Michael Jankowski, USN  
 LT Chanet N. Stewart, USN  
 LCDR Ilias Polymenidis, Hellenic Navy

**Master of Science in Contract Management**

Mr. William J. Arcidiacono, Department of the Navy (With Distinction)  
 Ms. Margot Haycook, Department of Defense  
 Mr. Kenneth F. Bullock, Department of the Navy (With Distinction)  
 Mr. Michael D. Busansky, Department of the Navy  
 Ms. Vera Michelle Carroll, Department of the Navy  
 Ms. Leanne Hanger, Department of the Navy (With Distinction)  
 Mr. Todd T. Hanson, Department of the Navy  
 Mr. Daniel O'Sullivan, Department of the Navy  
 Mr. Paul Russial, Department of the Navy (With Distinction)  
 \*Mr. Joseph A. Tierney, Department of the Navy

**Master of Science in Leadership and Human Resource Development**

LT Anna Boyd, USN  
 LT Rodolfo Casals, USN  
 LT Joseph Chopek, USN  
 LT Mark DeBuse, USN  
 LT Jason Fox, USN  
 LT James Gonzalez, USN

LT Michael Harvey, USN  
 LT Michael Hollenbach, USN  
 LT Christopher Milner, USN  
 LT Christopher Polk, USN  
 LT Jeffrey Rogers, USN  
 LT Melvin Smith, USN  
 LT Dennis Volpe, USN  
 Maj John Hatala, USMC  
 Capt Robert Powers, USMC  
 Maj Patrick M. Zaleski, USMC

**Master of Science in Systems Engineering**

Ms. Coralyn Akers  
 Mr. Milton Ayala  
 §LCDR Lynn Tyan Chow, USN  
 Mr. Scott Christie  
 §Capt Shawn Patrick Cunningham, USMC  
 Mr. Kenneth Elkins  
 Ms. Lynn Erwin  
 Mr. Chris Heier  
 Mr. James Hodgson  
 Mr. Wesley Holser  
 Mr. Michael Horton  
 Mr. Thomas Hronek  
 Mr. Donald Kolibas  
 Mr. Yoon Lee  
 Mr. Frederic Moeckel  
 Mr. James Moses  
 Mr. Jason Moy  
 Ms. Deborah Oberlander  
 Ms. Linda Peel  
 Mr. Keith Purvis  
 Mr. Douglas Rippe  
 Ms. Yvette Torres  
 Mr. Vinh Tran  
 Mr. Timothy Troske  
 Mr. Cam Truong  
 \*Mr. Long Truong  
 Mr. Richard Watanabe  
 Mr. Jeffery Wisnudel

**Master of Science in Information Technology Management**

MAJ Ali M. Alhamdan, Bahrain Army  
 LT Sami M. Alageel, Royal Saudi Navy  
 §LT Errol A. Campbell, Jr., USN  
 \*LT Paul L. Patillo, USN  
 LT Dorothy J. Tamez, USN  
 LT Terry R. Wamsley, USN  
 \*Maj Hezekiah Barge, Jr., USMC  
 §Maj Joseph L. Baxter, Jr., USMC

\*Capt Mark S. Davis, USMC  
 LtCol W. R. Goldschmidt, USMC (With Distinction)  
 \*§Capt John T. Schwent, Jr., USMC

**Master of Science in Systems Technology**  
**(Scientific and Technical Intelligence)**

§LT Kenneth Wayne Burke, Jr., USN  
 §LT Edward Charles Foxworth, Jr., USN  
 \*§LT Raymond E. Kendall, USN  
 §LT Peter Thomas Laird, USN  
 §LT Kevin McHale, USN  
 §LT Bradley Storey, USN

**Master of Science in Information Systems Operations**

§LT Kenneth Wayne Burke, Jr., USN

**Master of Science in Systems Technology**  
**(Joint Command, Control and Communications(C3))**

ENS Scot Bonk, USNR  
 LCDR Scott Edmund Corsano, USN  
 ENS Matthew Colby Erickson, USNR  
 §LCDR James Blake Ginder, Jr., USN  
 ENS Patricia E. Leyland, USNR  
 ENS Trey Dant Oats, USNR  
 ENS Eric John Olsson, USNR  
 CDR Patrick G. Roche, USN  
 ENS Kari Michele Schwab, USNR  
 ENS Barbara Claire Van Leuvan, USNR  
 §Capt Steven K. Barriger, USMC  
 MAJ Brian P. O'Keefe, USMC  
 Capt Darrin L. Hawkins, USAF  
 Capt James M. Trachier, USAF (With Distinction)  
 Capt William K. Uhrig, USAF (With Distinction)

✧ denotes students with an Outstanding Thesis  
 § denotes student who completed their Joint Professional Military Education  
 \* graduating 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, edging of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

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

<u>UNIVERSITY GRANTING DEGREE</u>	<u>LINING</u>	<u>CHEVRON</u>
Stanford University .....	Cardinal	
Purdue University. ....	Black	Gold
University of Kansas .....	Purple	White
University of California .....	Gold	Yale Blue
University of Michigan .....	Maize	Blue
University of Southern California .....	Gold	Cardinal
University of Munich. 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. Students are engaged in intensive studies leading to 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 60 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.

