Bock Memorial Lecture Series

The Bock Memorial Lecture Series was established at the United States Naval Academy in March 1993 in honor of the late Professor Emeritus Arthur E. Bock. Professor Bock was born in Dubuque, Iowa, on September 30, 1916. He was a graduate of Kansas State University where he earned a Bachelor of Science degree in mechanical engineering. Later he received a Master’s degree in engineering from Virginia Polytechnic Institute where he was a faculty member from 1940-1944.

Professor Bock served as a naval officer from 1944-1946, during which time he was an engineering instructor at the Naval Academy. He became a civilian faculty member in the Academy’s Marine Engineering Department in 1946, eventually attaining the rank of full professor. While at the Academy, Professor Bock served as chairman of the Naval Engineering Department, as a senior professor of engineering, and was a member of many boards and committees.

A leading authority in the field of marine engineering, Professor Bock was coauthor of the book, Elements of Applied Thermodynamics, which has five editions and was used by midshipmen for more than 40 years. For his contribution to the Academy, he was named Professor Emeritus by the Secretary of the Navy upon his retirement in 1981. Professor Bock passed away on February 25, 1989.

The purpose of this series is to support and enhance academic excellence in the Department of Naval Architecture and Ocean Engineering by inviting world-renowned personalities who have made substantial contributions to the disciplines.

The Bock Memorial Lecture Series is funded by the Arthur Bock Endowment established in September 1991 from a gift by the estate of the late Professor Arthur Bock. Funds generated from this endowment are intended to support and enhance academic excellence in the Department of Naval Architecture and Ocean Engineering.

Previous Bock Lecturers

Spring 2014
Brig. Gen. Kent D. Saxe
CG, USACE North Atlantic

Fall 2013
Mr. R. Keith Michel
President, Webb Institute

Spring 2013
Mr. William Levy
President and COO, PSEG Power

Fall 2012
RADM Matthew Klunder, USN

Spring 2012
Mr. Mark D. Gordon
Odyssey Marine Exploration

Fall 2011
CAPT David A. Roberts, USN
CO, Submarine School

Spring 2011
Dr. Robert G. Dean
Emeritus Professor of Coastal and Oceanographic Engineering
University of Florida

Fall 2010
Dr. William H. Moore
American Steamship Owners Mutual
Protection and Indemnity Association

Spring 2010
RADM David C. Johnson, USN

Fall 2009
Dr. Sylvia Earle
National Geographic Society

Spring 2009
Mr. Clay Oliver
Northrop Grumman Shipbuilding

Fall 2008
Miami Petters

Spring 2008
CAPT James R. Wilkins, III, USN (Ret.)

Fall 2007
RADM Robert E. Knaene, USCG (Ret.)

Spring 2007
Mr. Gordon Stirling
Shell Oil Company

Fall 2006
Mr. Howard Fireman

Spring 2006
Dr. John Spencer
National Transportation Safety Board

Fall 2005
Dr. Larry Mayer
University of New Hampshire

Spring 2005
Mr. William W. Ropashki, Jr.
Northrop Grumman Ship Systems

Spring 2004
RADM Malcolm MacKinnon III, USN (Ret.)

Spring 2003
Dr. Henry Petrozzi
Duke University

Spring 2002
Dr. Joseph MacInnis
Undersea Research, LTD.

Spring 2001
Mr. Clay Oliver
University of California, Berkeley

Spring 2000
Mr. Dan R. Yoegeer
Woods Hole Oceanographic Institute

Fall 1999
Dr. Jacques B. Hadler
Webb Institute

Fall 1999
Mr. Orville T. Magoon
Coastal Zone Foundation

Spring 1998
Mr. Ben Gerwick
Ben C. Gerwick, Inc.

Fall 1997
Dr. Donald Blount
Donald L. Blount & Associates, Inc.

Spring 1997
Dr. William B. Morgan
David Taylor Research Center

Fall 1996
CAPT Raymond S. McCord, USN

Spring 1996
Mr. William Garzke, Jr.
Gibbs & Cox, Inc.

Fall 1995
ADM James D. Watkins, USN (Ret.)

Spring 1995
CAPT Harry A. Jackson, USN (Ret.)

Fall 1994
Dr. Donald Walsh
International Maritime Incorporated

FALL 2014

BOCK MEMORIAL LECTURE SERIES

Balance in Naval Ship Design and Life

Presented by

Clark ‘Corky’ Graham, PhD
CEO, LET’S GO BOYS & GIRLS
CAPT, USN (Ret.) – USNA ‘64

Tuesday, September 30, 2014
12:30 p.m.

Mahan Hall Auditorium
Dr. Clark ‘Corky’ Graham, CAPT, USN (Ret.)

Dr. Graham is the Founder and CEO of the nonprofit LET’S GO Boys and Girls Inc. LET’S GO stands for Leadership, Engineering, Technology, Science Generating Opportunities and is a program that is inspiring and supporting underserved students to become professional scientists and engineers. Dr. Graham retired from Northrop Grumman in July 2008 as a Senior Vice President in the shipbuilding sector. Positions at Northrop Grumman included Technical Director of the Zumwalt Destroyer program and Senior Vice President in charge of Northrop Grumman’s Gulf Coast shipbuilding operations with over 10,000 employees.

Dr. Graham joined Northrop Grumman Ship Systems from a former Litton Division, Litton Marine Systems, where he served as President. He served the prior two years as the Vice President and Managing Director of Litton Marine Systems, BV, headquartered in New Malden, Surrey, United Kingdom. He joined Litton Marine Systems (formerly Sperry Marine Inc.) in July 1994 as a Senior Program Manager. Shortly thereafter, he was appointed to the position of Vice President of Engineering.

Prior to joining Litton, Dr. Graham completed a 30-year career with the U.S. Navy after graduation from the United States Naval Academy in 1964, attaining the rank of Captain. His naval career included assignments as Director of Research and Development for Naval Sea Systems Command in 1991, Commander of the David Taylor Research Center in 1987, and an appointment as Professor of Naval Construction and Engineering at the Massachusetts Institute of Technology (MIT) in 1984. Earlier assignments in the U.S. Navy included Nuclear Cruiser Project Officer, and Ship Design Manager and Technical Director of the Arleigh Burke class destroyer. He received a Ph.D. in Mechanical Engineering from MIT in 1969 and a BS in Mechanical Engineering from the US Naval Academy. Dr. Graham has the distinction of being the only individual to receive both the David Taylor Gold Medal from the Society of Naval Architects and Marine Engineers (SNAME) and the Gold Medal from the American Society of Naval Engineers (ASNE).