

# NATIONAL ENGINEERS WEEK

The National Society of Professional Engineers founded National Engineers Week in 1951. It's always celebrated at the time of George Washington's birthday. Our nation's first president was a military engineer and a land surveyor. The mission then, and now, is to increase public awareness and appreciation of the engineering profession.

## Peninsula Engineers Council Annual Banquet

### With Presentation of the 2011 Engineer of the Year and Doug Ensor Awards



#### Engineer of the Year

Mr. William Boze is the recipient of the 2011 Peninsula Engineer of the Year Award. He was nominated for this award by the Hampton Roads Section of the Society of Allied Weight Engineers. Mr. Boze has 30-years of experience in Naval Architecture

and Mass Properties Engineering at Northrop Grumman Shipbuilding. He is responsible for all naval architecture for both the CVN 21 Class of Aircraft Carrier and the Virginia Class of submarines constructed at the shipyard. As Manager of Naval Architecture, Mr. Boze plays an active role in every ship designed or constructed at the shipyard from the earliest stages of concept design through to the delivery of the ship to the Navy. He is active in both the Society of Allied Weight Engineers and the Society of Naval Architects and Marine Engineers. He is an enthusiastic and active supporter of outreach programs such as the SNAME Small Boat Competition and the SAWE Academic Committee whose common charter is to encourage and guide the next generation of engineers. He earned his undergraduate degree in Naval Architecture at the State University of New York's Maritime College and Masters in Engineering Management at Old Dominion University. Mr. Boze has been a strong advocate for the development of marine industry standards and played a key leadership role in the local technical community by chairing three major technical conferences here in Hampton Roads to promote the technical advancement of his profession and the benchmarking of "best practices" across company and industry boundaries.



#### Doug Ensor Award

Dr. Eric L. Walker was named the 2011 Doug Ensor Award recipient for Young Engineer of the Year by the Peninsula Engineers Council. Dr. Walker was nominated by the Hampton Roads Chapter of the American Institute of Aeronautics and

Astronautics (AIAA). He holds degrees in mathematics and engineering from Bluefield College, George Washington University, and Virginia Tech. Dr. Walker, is a lifetime Senior Member of the AIAA and is a Research Aerospace Engineer at the Configuration Aerodynamics Branch of NASA Langley Research Center (LaRC). He is a leading authority in uncertainty quantification and its application to the aerospace and vehicle development. Dr. Walker leads/co-leads several NASA multi-center teams and has very effectively applied his expertise in on multiple projects including: the Orion Crew Exploration Vehicle (CEV), the Orion Launch Abort Vehicle, the Ares I Launch Vehicle, wind tunnels at the NASA Langley Research Center, and both Center- and Agency-level metrology programs. He has taken a leadership role in working with and mentoring engineers doing experimental and computational analyses to determine and quantify the uncertainties of their studies. His activities have contributed to better understanding and improved quality of the Agency's modeling efforts, as well as improved integration of uncertainty formulation, implementation, and risk assessment into the Programs that he supports. Dr. Walker has 20 publications to his credit, and was named the recipient of the AIAA Hampton Roads Section 2011 Robert A. Mitcheltree Young Engineer of the Year Award.

#### Featured Speaker



Dr. Henry A. McGee, Jr. is founding dean of the Virginia Commonwealth University School of Engineering, dean emeritus and professor. Dr. McGee led the joint VCU/Virginia Tech project bringing quality engineering education to the metro Richmond area. He received his bachelor's & doctoral degrees in chemical engineering from Georgia Tech and undertook a post-doctoral appointment in theoretical chemistry at the Univ. of Wisconsin. He served on the faculty of Virginia Tech for 23 years, including 10 years as head of the Dept. of Chemical Engineering. He has served as a division director at the National Science Foundation responsible for a portfolio of research support in chemical and mechanical engineering at universities across the U.S. that annually totaled approximately \$40 million. He has published dozens of technical papers including his most recent book, "Molecular Engineering," published in 1991. He was selected as one of 5 founding inductees into the Academy of Distinguished Engineering Alumni at Georgia Tech and to the Engineering Hall of Fame at Georgia Tech.

**SATURDAY, FEBRUARY 26, 2011 – POINT PLAZA SUITES AND CONFERENCE HOTEL,**

**950 J. CLYDE MORRIS BLVD, NEWPORT NEWS, VIRGINIA**

6:00 PM - Social Hour, 7:00 PM – Dinner, 8:00 PM Program

Menu: Petite Filet Mignon and Lump Crabcake or Chicken Oscar with Crabmeat or Vegetarian Pasta Alfredo. Special dietary meals are available upon request. Each entrée includes tossed salad, Chef's choice of vegetables, rolls, beverage, and dessert. Tickets: \$60 per person. To purchase tickets, please contact Fred Brown at 688-1621, [Frederick.C.Brown@ngc.com](mailto:Frederick.C.Brown@ngc.com) or William Henry at 380-4581, [William.Henry@ngc.com](mailto:William.Henry@ngc.com) or your professional society's PEC representative.