
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 2005 Engineer of the Year and Doug Ensor Awards



Engineer of the year

Mr. Robert L. Gunter Jr., Senior Vice President for Aircraft Carrier Programs at Northrop Grumman Newport News, is the recipient of the 2005 Peninsula Engineer of the Year Award. He was jointly nominated for this recognition by the American Society of Mechanical Engineers (ASME) and the Society of Naval Architects and Marine Engineers (SNAME).

Appointed to his current position in 2001, Mr. Gunter has responsibility for aircraft carrier new construction, aircraft carrier overhaul, carrier engineering and design; planning and production control. Prior to this assignment Mr. Gunter was the vice president of Engineering, where his responsibilities included aircraft carrier and submarine engineering, research and development, and testing.

Beginning his career with Newport News in 1983, he worked in the Machinery Design Department and has held progressively responsible management positions in Engineering, Ship Repair, and Construction. A native of North Carolina, Mr. Gunter holds a bachelor's degree in Mechanical Engineering from the University of Maryland and a master's degree in Systems Engineering from Virginia Tech.

Mr. Gunter is a member of the Naval Submarine League and Naval Surface Association. He currently serves on the Virginia Tech Engineering Advisory Board, the Engineering Advisory Council for Hampton University and the Technical Committee for the American Bureau of Shipping. He also serves as a member of the board of directors for AMSEC LLC. He was the past chairman of the Hampton Roads sections of both the American Society of Mechanical Engineers and the Society of Naval Architects and Marine Engineers.

Northrop Grumman Newport News, headquartered in Newport News Va., is the nation's sole designer, builder, and refueler of nuclear-powered aircraft carriers and one of only

two companies capable of designing and building nuclear powered submarines. Newport News also provides after-market services for a wide array of naval and commercial vessels. The Newport News sector employs about 19,000 people.

Doug Ensor Award

Dr. Lance Prinzel was named the 2005 Doug Ensor Award recipient for Young Engineer of the Year by the PEC. The American Institute of Aeronautics and Astronautics (AIAA) nominated Dr. Prinzel, who works in the Crew Systems Branch at NASA Langley Research Center. He has served as element lead for the Psychological / Physiological Stressors & Factors and Human Measures & Performance projects under the NASA Aviation Operations Systems and Airspace Systems programs. For these projects, he led several teams to conduct scientific research on understanding the etiologies of human error in aerospace operations and on system design to enhance human-automation interaction in the cockpit and air traffic control. Dr. Prinzel currently is a senior researcher under the NASA Synthetic Vision Systems, Aviation Safety and Security Program where he designs, develops, and evaluates synthetic vision and enhanced vision cockpit displays. He is also a co-investigator to design advanced automation and human monitoring technologies under the NASA Office of Exploration Systems Human & Robotic Technology program.



Dr. Prinzel has authored 30 formal publications and has given 46 referenceable oral presentations. Dr. Prinzel received his Ph.D. in Engineering and Systems Psychology, M.S. in Experimental Psychology, and B.S. in Psychology and Political Science from Old Dominion University. He also received a Masters in Aeronautical Science from Embry-Riddle Aeronautical University. Dr. Prinzel is active in several professional societies, including AIAA and the Human Factors and Ergonomics Society (HFES). He has served as president and is currently an executive board member of the Tidewater chapter of HFES. Dr. Prinzel has also been actively involved with mentoring students through his participation in NASA educational outreach programs.

Banquet Speaker

Donner Grigsby from NASA and the topic will be Space Exploration Initiatives. The presentation will address space flight and show some really spectacular images taken by the Hubble and other very powerful telescopes. It will include an overview of flight vehicles and provide some interesting technical aspects about the Advanced Space Transportation Programs, propulsion systems, the Hyper X planes and deep space motors.

SATURDAY, FEBRUARY 26, 2005 – POINT PLAZA SUITES AND CONFERENCE HOTEL, 950 J. CLYDE MORRIS, NEWPORT NEWS, VIRGINIA

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

Menu: Petite Filet Mignon & Grilled Breast of Chicken w/Sautéed Mushrooms & Béarnaise Sauce or Vegetarian plate. Each entrée includes tossed salad, Chef's choice of vegetables, rolls, beverage, and dessert.

Tickets: \$25 per person. To purchase tickets, please contact William Fox at 873-6510 or your society's PEC representative.