

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 2007 Engineer of the Year and Doug Ensor Awards



Engineer of the Year

Dr. Douglas O. Stanley is the recipient of the 2007 Peninsula Engineer of the Year Award. He was nominated for this recognition by the American Institute of Aeronautics and Astronautics (AIAA).

Dr. Stanley is currently serving as a Visiting Professor from the Aerospace Engineering Department of Georgia Tech in residence at the National Institute of Aerospace in Hampton, VA.

He is an internationally recognized expert with over 20 years of experience leading the systems engineering and analysis of advanced space transportation systems in government, industry, and academia. In his current position, he teaches and leads student research in aerospace engineering and performs engineering consulting for NASA in the development of systems for human space exploration. Dr. Stanley lead a NASA Team to define the systems, schedule, programs, budgets, and technologies required to return humans to the Moon, service the International Space Station after Space Shuttle retirement, and to eventually transport humans to Mars. As a result of Dr. Stanley's extraordinary engineering achievement, the NASA Administrator recently awarded him the NASA Distinguished Public Service Medal, which is NASA's highest award.

Prior to joining Orbital Sciences, Dr. Stanley had a 12 year career at NASA Headquarters and NASA Langley Research Center. At NASA Headquarters, he served as the technical lead for NASA efforts under the Reusable Launch Vehicle Program. Prior to his service at NASA Headquarters, Dr. Stanley served as Lead Engineer for NASA Langley's Advanced Manned Launch System Study, Single Stage Vehicle Study, Access-to Space Study, and other studies related to NASA's Reusable Launch Vehicle Program.



Doug Ensor Award

Mr. Patrick Ryan was named the 2007 Doug Ensor Award recipient for Young Engineer of the Year by the PEC. The Engineers' Club of the Virginia Peninsula (ECVP) nominated Mr. Ryan, who works as a Senior Engineer in the Structures and Hydrodynamics Department at Northrop Grumman Newport News.

Mr. Ryan is a 1998 graduate of Virginia Tech with a B.S. in Aerospace and Ocean Engineering. Since joining Newport News in 1998, Patrick has had work assignments in the areas of submarine design, submarine research, analysis of submersibles for special operations, and aircraft carrier nuclear reactor design. In 2003, he received an award under the shipyard's Timely Award Program for his work in revising the NAVSEA Temporary Alterations Manual for submarines under a limited budget and an aggressive schedule, and again in 2004 for helping develop and test the company's radio controlled model of a concept submarine called Newport News Experimental Model while also serving as deputy team lead on another concept submarine program funded by the Defense Advanced Research Projects Agency and the Navy. In 2005 Patrick received an award for developing a detailed technical plan and proposal to support the investigation and mitigation of hydrodynamic issues with the Navy's Advanced SEAL Delivery System, the latest generation of mini subs used in SEAL operations. Patrick is a local and national leader in the Society of Naval Architects and Marine Engineers (SNAME), and is an active member of the American Society of Naval Engineers, Naval Submarine League, and Engineers Club of the Virginia Peninsula. Patrick was named the 2005 Young Engineer of the Year by the Hampton Roads section of SNAME.



PEC Banquet Speaker

Irwin Edenzon, Sector Vice President of Technology Development and Fleet Support for Northrop Grumman Newport News will be the banquet speaker. The topic will be: "How important is Engineering, anyway?" Mr. Edenzon will talk about the role of engineering in keeping American companies competitive.

**SATURDAY, FEBRUARY 24, 2007 – POINT PLAZA CONFERENCE HOTEL,
950 J. CLYDE MORRIS BLVD, NEWPORT NEWS, VIRGINIA
6:00 PM - Social Hour, 7:00 PM – Dinner, 8:00 PM Program**

Menu: Parmesan filet mignon or chicken Oscar (topped with crab meat and hollandaise). Vegetarian meal available upon request. Each entrée includes tossed salad, Chef's choice of vegetables, rolls, beverage, and dessert.

Tickets: \$35 per person. To purchase tickets, please contact either George Cebra at 380-7473, Carmen Boelte at 688-8229, or your society's PEC representative.