



# Engineers Week Banquet

The Engineers Week Banquet was held at the Point Plaza Hotel and Conference Center in Newport News, VA on February 28, 2004. The banquet is hosted annually by the Peninsula Engineers Council (PEC) to honor the winners of the Peninsula Engineer of the Year Award and the Doug Ensor Award (DEA - Young Engineer of the Year). In addition to the winners, other nominees for these awards are also acknowledged with a plaque during the meeting.

## Engineer of the Year Award

The Engineer of the Year

Award was presented to Mr. Richard Kitterman of Kitterman Consulting.

Mr. Kitterman is an early member of the International Council on Systems Engineering (INCOSE) and has been actively involved in risk management, systems engineering, and program management. He has contributed technically, as an INCOSE member at the chapter and national level, and as a member of the community, on a broad sustained basis.

Mr. Kitterman's contributions to engineering societies are extensive. He is Co-



Lou DeGrace, PEC President, presents the Engineer of the Year Award to Richard Kitterman.

chair of the INCOSE Risk Management Working Group, past Co-chair of the INCOSE Chapters Committee, and was a candidate for the INCOSE Region III 2004 Membership Director. He is also the Hampton Roads Area (HRA) - INCOSE Membership Director. He is a past and designated reviewer for ISO/IEC Standard 15288 Application Guide and a recurring reviewer of tutorials and papers for INCOSE International Symposiums.

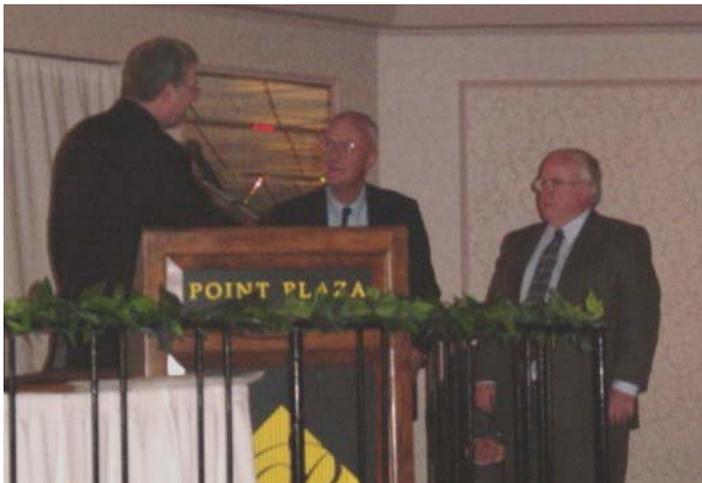
Mr. Kitterman authored the paper *Effect of Mil-*

*STD-449 Revisions on Systems Engineering Practices*, led a Risk Management Processes panel, and was on the on "Evaluating Your Risk Management Program" panel at INCOSE International Symposiums.

Mr. Kitterman is also a member of the Risk Management Specific Interest Group of the Project Management Institute (PMI) and is working with the Society for Risk Analysis to develop a mini-symposium for their upcoming World Congress on Risk



Mr. Matthew Needy, HRA INCOSE President, shares the EOY's accomplishments. Mr. Kitterman and De Grace await the presentation of the EOY Award to Mr. Kitterman.



Ken Hoffman, PEC's Engineer of the Year Nominating Committee Chair, and Mike Mitchell of SAWE, present a plaque to Mr. Ian MacConochie.

Analysis. Mr. Kitterman has been accepted by PMI as a Subject Matter Expert (SME) in the risk management knowledge area for PMI Global Congresses.

In his career, Mr. Kitterman has worked in the commercial arena for Motorola and StorageTek, while his equally lengthy career in government contracting includes working for Lockheed Martin and Raytheon. He has focused on program management from individual components through nationwide systems of systems.

Mr. Kitterman is founder

and President of Kitterman Consulting Corporation in Yorktown, Virginia and is currently providing Aircraft Carrier Risk technical support for Northrop Grumman Newport News.

Mr. Kitterman has been at various times President, Secretary, and Treasurer of Homeowners Associations in Texas, California, and Virginia. He was also a Cub Scout Den Leader.

Mr. Kitterman was born in Chicago and holds a BS in Physics, an MBA, an MS in Systems Engineering, and has



Ken Hoffman, PEC's Engineer of the Year Nominating Committee Chair, and Mr. Robert Kudlinski, AIAA Chapter President presents a plaque to Mr. Richard DeLoach.

completed 39 hours coursework toward a PhD in Information Technology.

Mr. Kitterman was nominated by the HRA INCOSE.

Other nominees for the Engineer of the Year included Mr. Ian O. MacConochie, nominated by the Hampton Roads Chapter of the Society of Allied Weight Engineers (SAWE) and Mr. Richard DeLoach nominated by the American Institute of

recognized expert in the area of advanced measurement diagnostics for aerospace applications, with particular emphasis on advanced pressure-sensitive paint (PSP) formulations.

Dr. Jordan leads a team whose efforts have produced a suite of advanced PSP formulations that are recognized world-wide, coupled with measurement strategies that provide quantitative



Lou De Grace, PEC President, presents Dr. Jeffery Jordan of NASA Langley Research Center, with the Doug Ensor Award.

Aeronautics and Astronautics (AIAA).

### Doug Ensor Award

The winner of the Doug Ensor Award was Dr. Jeffery Jordan, who was nominated by AIAA. Dr. Jordan is employed by NASA Langley Research Center, and he works in the Advanced Sensing and Optical Measurement Branch. He is an internationally

surface pressure distributions under conditions that range from cryogenic to hypersonic with high effective bandwidth (above 1 kHz). He also led the development of sensors and actuators using the unique properties of carbon nanotubes (CNTs), including imaging and optical sensing devices,



2004 Engineers Week Banquet...about 160 attendees

as well as a concept prototype for a structural health-monitoring sensor. In addition to his measurement work, Dr. Jordan and his team are also involved with adapting previous research in oxidation catalysts for space-based lasers to the development of a cost effective, three-way catalyst for automotive catalytic converter applications.

Dr. Jordan is active in multiple professional societies and is often

asked to develop special sessions for conferences. He has authored 25 formal publications and 46 papers for National and International Conferences. He is the winner of the 2004 AIAA Lawrence Sperry Award, which is a National award recognizing outstanding contributions to the field of aeronautics or astronautics by an engineer under 35 years of age. Dr. Jordan also consistently serves as

an outstanding role model to youth, having mentored many high school and undergraduate students, using his professional networking skills to facilitate these students in gaining better educational opportunities.

Dr. Jordan earned a Bachelor of Science in Chemistry from the University of Buffalo in 1993 and a Ph.D. in Analytical Chemistry

in the field of engineering. This year's banquet speaker was Mr. Matthew Mulherin, Vice President of the CVN 21 Aircraft Carrier Program at Northrop Grumman Newport News.

Mr. Mulherin was named to this position in 2002, Mr. Mulherin is responsible for program management, engineering, production and planning for the next generation of aircraft



Mr. Matthew Mulherin, CVN 21 Program Vice President at Northrop Grumman Newport News, displays a plaque of thanks from PEC for being the banquet speaker.

from the University of Buffalo in 1997.

Mr. Michael Diggs of Northrop Grumman Newport News was also nominated for the Doug Ensor Award. Mr. Diggs was nominated by Hampton Roads Chapter of SAWE..

### Banquet Speaker

The banquet also features a speaker, who is a distinguished leader

carriers, CVN 21.

Mr. Mulherin began his career at Newport News in 1981 as a nuclear test engineer. He has held increasingly responsible positions including nuclear project manager for *Los Angeles*-class submarines, director of Facilities, director of Nuclear Engineering and Refueling, and director of the CVN 21 Program.



Dan Vicroy of the PEC Doug Ensor Nominating Committee, presents a plaque to Mr. Michael Diggs.



Dr. John Lin, PEC Vice President & Banquet Chair, Presents the Banquet Speaker.

Mr. Mulherin earned a bachelor's degree in civil engineering from Virginia Tech.

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



Mr. Lou De Grace, PEC President, was master of ceremonies for the Engineers Week Banquet.

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.

**Banquet Site**

Approximately, 160 people attended the banquet to acknowledge the winners and nominees and listen to the banquet speaker discuss the CVN 21 Program. The Point Plaza Hotel and Conference Center was an excellent location for the banquet. Attendees were treated to a fine meal in a relaxing setting.

**What PEC is about:**

The Peninsula Engineers Council (PEC) is an inter-society council comprised of representatives from organizations dedicated to strengthening and promoting the engineering, profession in the Peninsula area. The member

organizations consist of 23 local chapters of engineering and technical societies, a local science and education foundation, and three government organizations. Information on the PEC member organizations may be found throughout this program. The purposes of the PEC as stated in our constitution are to:

- Promote the observance of National Engineers Week;
- Select and recognize a Peninsula Engineer of the Year;
- Coordinate efforts in furthering engineering education in the schools and colleges in the area and to increase the interest of youth in the engineering profession;
- Provide a forum for the discussion of problems and activities of common interest.

The Council, was begun in 1970 by Douglas Ensor of the Virginia Society of Professional Engineers to bring the larger engineering

community of the Peninsula into the recognition of National Engineers Week. The early PEC was an inter-society committee which rotated responsibility for the annual Peninsula Engineer of the Year



Mr. Matthew Mulherin, Northrop Grumman Newport News Vice President, discusses the CVN 21 Program.

Award Banquet among themselves. In 1988 a Constitution and By-Laws was developed to formally organize the PEC. This allowed for the creation of standing committees that could develop and implement long range plans and maintain year-to-year continuity of expanded programs. Sixteen societies co-signed the original constitution.

[www.va-pec.org](http://www.va-pec.org)