

## ASME Kick-off Picnic/ August Meeting

for 2006-07 is coming -- Please mark your calendar for the evening of August 31. The ASME Kick-off (Family event & Free) will be held at Bays Mountain Park with Barbeque and all the fixins. Please plan to attend. Time and Shelter information to be determined.

## May ASME Meeting

Mechanical Engineering students and faculty from Virginia Tech presented an overview of their work with GM and DOE Challenge X 2006 Competition during the Holston Section May ASME Meeting.

Virginia Tech students were among 17 universities across North America that developed an advanced propulsion technology solution with the goal of improving on-road fuel economy and reducing emissions. The team re-engineered a 2005 Chevrolet Equinox as a split parallel hybrid that uses two electric motors and run on E85 – an ethanol/gas blend that reduced the vehicle's well-to-wheel petroleum use by 74 percent.

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## Recognition Awards

Holston Section has nine (9) members who have achieved significant milestones for continuous membership with ASME and the Holston Section. They are as follows:

Ronald G. Bowman	25 years
Sherwood M. Caldwell	25 years
Donald J. Gilbert	25 years
William K. Hemphill	25 years
William H. Jacobs	50 years
Robert S. Myers	45 years
W. Lewis Neal	25 years
Daniel I. Saxon	25 years
Jackie W. Sutherland	25 years

**Congratulations to each of these members!**

## Holston ASME Scholarship Endowed

The Holston Chapter of the American Society of Mechanical Engineers (ASME) has contributed \$10,000 to endow a new scholarship at Northeast State Community College to Pre-Engineering majors.

The Holston Section of ASME Pre-Engineering Endowed Scholarship will be awarded this fall.

Holston ASME Treasurer Ron Dailey and Holston ASME chairman Jamie Hale presented a \$10,000 check to the Northeast State Foundation at the engineering society's awards dinner on May 18. The new scholarship represents an increased effort to lure students into the engineering field.

Northeast State engineering graduates have gone on to earn their bachelor's degrees at state institutions such as Tennessee Tech University and the University of Tennessee at Knoxville.

(See picture on Page 4)

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## Ten High School Students Receive ASME "FIRST" Scholarships

ASME has awarded a total of \$50,000 in scholarships to ten high school seniors who participated in the 2006 FIRST Robotics Competition championships Atlanta, Ga.

The recipients of the ASME/ASME Auxiliary FIRST Clarke Scholarships are Christopher Domanti (Fairport, N.Y.), William Scott Goehringer (Lutherville, Md.), Roy J. Gross, III (Lansdale, Pa.), Grant G. Hanson (Tulsa, Okla.), Matthew Richard Jones (Clover, S.C.), Chase J. Kramer (Philadelphia, Pa.), Nathaniel A. Laverdure (Oak Hill, Va.), Agam Patel (Hockessin, Del.), Brian Plattenburg (Marietta, Ga.) and Brian Schmalzried (Erie, Pa.).

FIRST (For the Inspiration and Recognition of Science and Technology) is an exciting, multinational competition that teams high school students with professionals, who serve as mentors, and community sponsors to work on engineering design challenges.

Each student received \$5,000 to be applied to his or her first year of study in an accredited mechanical engineering or mechanical engineering technology program. The ASME/ASME Auxiliary FIRST Clarke Scholarship, provided by the ASME Foundation and ASME Auxiliary, is funded by the bequest of Lucille V. Clarke, the daughter of ASME Honorary Member Charles W.E. Clarke and Lucy Clarke.

## Calling all Mechanical Engineering Students!!

There is still time to join the ASME E-Mentoring Program! The program is free to all student members and is a great way to network with professional members of the society, and find out about career choices in engineering. So why not try the E-Mentoring program today? For more information log onto [www.asme.org/ementoring](http://www.asme.org/ementoring). Remember to tell a friend.

## Call for Submissions: Mechanical Advantage:

*Do you have something to share with ASME's Student Members? Submit your article or ideas to Mechanical Advantage, ASME's online student newsletter. Mechanical Advantage offers engineering students useful articles, program information and upcoming events and deadlines. Please send all submissions to [mechadv@asme.org](mailto:mechadv@asme.org). Student submissions are highly encouraged!*

## ASME Announces Keynoter for 2006 ASME Congress in Chicago



David A. Vise, a Pulitzer Prize-winning journalist for *The Washington Post*, and author of four books including his latest *The Google Story*, will be the keynote speaker at the 2006 ASME International Mechanical Engineering Congress and Exposition to be held, Nov. 5-10, at the Hilton Chicago.

Focusing his discussion on what drives innovation in successful enterprises, Vise will tell how the popular media company, powered by the world's most advanced search technology, has revolutionized access to the vast world of information.

Vise has also covered the FBI and the Justice Department for the Post, along with numerous other beats since joining the paper in the 1980s. He is the author of the *New York Times* bestseller *The Bureau and the Mole* and of *Sweet Redemption: How Coach Gary Williams and the University of Maryland Terrapins Overcame Death and Despair to Win the NCAA Basketball Championship*. Vise's first book, *Eagle on the Street*, written with Steve Coll, was based on the four-part Post series, "The Man from Wall Street: John Shad's Reign at the SEC," which won the 1990 Pulitzer Prize.

For more information visit <http://www.asmeconferences.org/Congress06/Keynote.cfm>

## Energy Nanotechnology International Conference Set for June

Featuring presentations on the role of nanotechnology in energy conversion, storage and utilization, the Energy Nanotechnology Int'l Conference will be held **June 26-28, 2006**, at the Massachusetts Institute of Technology in Cambridge.

Engineers and scientists on the leading edge of research in nanotechnology will interface with professionals engaged in the national debate over alternative energy technologies to reduce America's dependence on oil and natural gas. The ASME Nanotechnology Institute is a sponsor of this event. For more information visit <http://www.asmeconferences.org/energynano06/>

## INCONE 14 Set for Miami

The 14th International Conference on Nuclear Engineering (ICONE) will be held July 17-20, in Miami, Fla. ICONE is the premier global conference for addressing the needs of the nuclear industry. Speakers and participants at ICONE 14 are a who's who of the nuclear industry. For 2006, ICONE will co-locate with the ASME Fluids Engineering Summer Meeting. In addition to hundreds of technical presentations, ICONE 14 will host a Nuclear Industry Forum to address key technical challenges and business issues facing the nuclear industry. For more information or to register online, visit <http://www.asmeconferences.org/ICONE14/>

## Moving Along?

Are you graduating or moving home for the summer? Before you go, make sure to check and change your ASME membership address. If you are graduating, we'll need to know so that you receive your membership upgrade and graduation gift from ASME. If you are still in school, you'll want to keep receiving news from ASME all summer to get ready for the fall activities, and keep track of competitions and scholarships. To change your address or graduation date, visit: <https://www.asmeny.org/memberaddr/html/security.htm>

## May ASME Meeting Continued from Page 1

Developing the advanced technologies that reduce the US dependence on imported oil is critical to the future prosperity of our country. Challenge X shows that the cooperation of industry, government, and academia is an excellent approach to developing more energy-efficient and 'greener' automotive technologies.

Virginia Tech won the 2<sup>nd</sup> annual competition held in Mesa, Arizona. For more information about Challenge X, see <http://www.challengex.org>.

## Message from Outgoing Chairman

ASME's 2005-2006 year has come to a close and as usual we have had another outstanding year thanks to everyone's effort and participation. Our section has a strong track record of accomplishments and is recognized as a leader in our District. We have had numerous programs and activities to aid in the promotion of math, science, and the engineering profession in our area. We had two local tours and had several presentation based programs that provided up to 4 PDH's for those in attendance. The section brought a short course to Kingsport, Trouble Shooting Mechanical and Rotating Equipment, in which 40 local engineers, technicians, and mechanics attended. The course provided 1.4 CEU's to those in attendance. The Holston Section was able to donate a substantial amount of money to our local community this year in large part due to the success of our short course offering. We were able to fully fund 4 grants through our Holston Section Education Initiative Program which awards grants to local K-12 schools in support of creative ideas that educate and inspire young students in the fields of math and science. We also provide financial support to many other organization's such as Engineer's Week, the East Tennessee Engineering Association Council scholarship, and the North East State Technical Community College Pre-Engineering program. Over the past several years we have donated to the Jeremy L. Hewlett Memorial Scholarship and with our donation this year the scholarship reached the endowed level. This was great, but we were able to also fully endow a new scholarship at North East State, the Holston Section of ASME Pre-Engineering Endowed Scholarship. These scholarships will continue to aid engineering students in the future in their pursuit of an education in the engineering profession. This is a brief overview of what we have done at the local level but does not include the contributions that we have made at the district and national level.

I am very pleased with the accomplishments that have been made by our section this year. All of this could have not been possible without the support and dedication of our Holston Section members. I would like to take this opportunity to say a special thank you to all of the committee chairs for their leadership, dedication, and the time that they give willingly to make the Holston Section what it is today. With all the different demands on your time (family, work, church, recreation, etc.), I truly appreciate your dedication and commitment to ASME. I have enjoyed this past year and look forward to the upcoming year.

**Jamie Hale**  
ASME Holston Section Chairman 2005/2006



**ASME Holston Section Leadership and Northeast State Community College Staff at the presentation of funds establishing the Holston ASME endowed Scholarship (Pictured L to R: Mary Bailey, Jamie Hale, Megan Horn, Ron Dailey, Dr. Mark Pollock, Katie Yates, Robert Estep)**

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