

Additional January Meeting Information

from the U.S. Naval Postgraduate School. Herrington was assigned as a special projects officer to the Bureau of Naval Personnel Sea Duty Component when selected for the astronaut program in April 1996.

Herrington reported to the Johnson Space Center in August 1996. He completed two years of training and evaluation, and was qualified for flight assignment as a mission specialist, assigned to both the Shuttle and International Space Station Branches in support of Guidance Navigation and Control systems. Herrington was also assigned to the Flight Support Branch of the Astronaut Office where he served as a member of the Astronaut Support Personnel team responsible for Shut-

tle launch preparations and post-landing operations. In November 2002, he flew on STS-113 logging over 330 hours in space, including 3 Extravehicular Activities (EVA) totaling 19 hours and 55 minutes. Post-flight, Herrington was assigned as a Capsule Communicator (CAPCOM) supporting Shuttle and Space Station training and operations. In the summer of 2003, Herrington was detailed to support International Space Station training efforts in both the United States and Russia. Following this assignment, he became a member of the EVA Branch supporting Russian/US EVA hardware and operations. For his last assignment, he was chosen to become the Chief Engineer for Safety and Mission Assurance (S&MA) at the Johnson

Space Center. He was responsible for leading the S&MA engineering efforts in support of Space Shuttle and Space Station hardware and software integration and mission operations. On October 1, 2005, he retired from US Navy and left NASA to pursue a career in the commercial space industry.

Rocketplane Limited, Inc. is a leader in the commercial space flight industry. "John is a NASA astronaut, however, it is his many spectacular talents and abilities that make him valuable to the Rocketplane team," says Rocketplane President George French. Herrington will be flying the XP Spaceplane under his call name of John "Bone" Herrington.

2006 Engineering Societies' Joint Banquet

The annual Engineering Societies' Joint Banquet will be held as a part of National Engineers Week.

This year's banquet will be expanded with a greater participation from other engineering societies in Central Oklahoma. The dinner meeting will include the presentation of awards by the various engineering groups to recognize engineering excellence, the recognition of student accomplishments through the Engineer for a Day program, MATH-COUNTS and Future City Competition.

The speaker for the evening will be **John Bowman, Engineering Manager for ODOT**, who will talk about the many engineering and

construction issues of the I-40 cross-town rerouting project.

I hope that you will be able to join us!!!!!!

The event is Thursday February 23, 2006 at Oklahoma Christian University - Gaylord University Center. Reserve your ticket today with Frank Parker at parkerfj@asme.org for only \$20.00.

Engineer-For-A-Day - If you or your company would like to sponsor a student for the Engineer for a Day program, please contact Jack Snoddy, PE, (jtsnoddy@sbcglobal.net or 405.621.1172) for more information.



National Engineer's Week

February 19 – 25, 2006

“Getting to Know You” - Vladimir Yun



Vladimir is an engineer at Cherokee

Vladimir Yun became an ASME member in 2001. He is currently serving as a director of the COS Executive Committee.

Trailers in Oklahoma City, OK. He has worked in this position for almost 2 years. At Cherokee, Vladimir designs custom aluminum horse and livestock trailers. Prior to this, Vladimir worked as a mechanical engineer at Sooner Trailer Manufacturing in Duncan, OK.

Vladimir is the chairman and founder of Oklahoma City SolidWorks User Group (OKCSUG). The group meets once in a quarter.

Vladimir was born in Almaty, Kazakhstan. He received Master of Science in Mechanical Engineering from the University of Oklahoma in 2003, Bachelor of Science in Environmental Science from Oklahoma State University in 2001.

Chair's Corner

Dear ASME-Central Oklahoma Section Members:

The year-end holidays are over and I hope you had some opportunity to enjoy them with friends & family. Now it's time to relax a bit and look forward to some interesting events over the next couple of months.

Our first big event is our joint meeting with AIAA on January 26th. **John B. Herrington** of **Rocketplane** will be speaking to us on his upcoming space-flight plans and his path on becoming an astronaut. Given our speaker's background and topic, this is expected to be a well attended event and we are appreciative of AIAA's efforts in having scheduled him for our 2006 opening event.

Our second event is the upcoming Engineering Societies' Joint Banquet on February 23rd. **John Bowman**, Engineering Manager for **ODOT**, will be presenting and discussing engineering

and construction issues of the I-40 Cross-town Project. The event will be held at Oklahoma Christian University in Edmond. Tickets for the event are priced at \$20 each and will be on sale at our January joint meeting with AIAA.

On a related note, I thought we should repeat last month's reminder to encourage all Section members who have time to support some of the Engineering Week activities planned from late January through the end of next month; culminating with the Engineering Fair on February 21st. These include Future City, MATH-COUNTS, and the Rubber Band Powered Vehicle. The last is supported and run by the Central Oklahoma Section, under the supervision of our own **Wendell Cavin**. Besides providing a valuable service by helping promote the engineering profession to school age kids, you'll have fun seeing how creative many of these students can be. More information on these programs can be found at the Oklahoma Engineering Foundation website, at

<http://www.ospe.org/main.asp?org=2> or by contacting the OEF/OSPE office at 405-528-1435 or 1-800-337-OSPE (6773).

Lastly, I would like to give all an advance notice of our efforts to organize a golf tournament for April 22nd, to raise funds for the Section's operational budget and for an Engineering Scholarship fund. A separate notice with further details on this will be sent out to the Section via the ASME E-Messaging system. Those who don't have internet access, please contact me at 405-739-1813 or 405-942-8689. I'll send out a paper copy of the notice to you in the mail and/or give you the particulars over the phone.

On behalf of the Executive Committee I would like to wish you all a Happy New Year and hope to see you this month at our meeting with AIAA.

Frank Parker -- Chair

ASME Rubber Band Powered Vehicle Competition

Approximately 3000 Jr. High and High School students attended the 24th Annual OEF Engineering Fair at the Oklahoma City Omniplex on Wednesday February 23rd.

The Central Oklahoma Section of ASME sponsored the Rubber Band Powered Vehicle contest. Judges from the Section were Bill Green, Frank Parker, Albert Janco, Ed Reynolds and Wendell Cavin.

There were 75 students that registered and participated in the completion. The contest was the culmination of the competition from previous "preliminary competitions" that were held at the students individual schools. Each school was "limited" to 3 entries.

The competition was a design competition where the students designed and built a vehicle that would carry a 1-pound load (box of baking powder) over a distance being powered solely by 1 rubber band.

This year's winner was Zoey Hartpence from Mustang Middle School who will be the Bruce Stout Memorial

Award winner as sponsored by the Central Oklahoma Section of ASME. Zoey will have her name engraved on the plaque which hangs in the OEF building. She and her school will also receive \$40 awards from the OEF.

The Official results were:

1st Place – Zoey Hartpence – Mustang Middle School – 63' 1"

2nd Place – Kim Ward – Fairview Chamberlain Middle School – 55' 3"

3rd Place – Zach Hartpence – Mustang High School – 51' 3"

These vehicle designs provided superior results compared to the rest of the field as the mean distance traveled was 15 feet and the standard deviation was 15 feet – so Zoey's vehicle actually traveled almost 50 feet past the mean (3 standard deviations further).

Registration of the vehicles during the competition was handled by ASME Student Section volunteers. Chris and Kyle Filson from OSU Mech. Tech worked the early morning registration and Laura Kite and Kevin Plumlee from Oklahoma Christian provided the late

morning registration. Thanks also to Brandon Mills from OU for the afternoon help.

Join the Section at the 25th Annual OEF Engineering Fair at Oklahoma City Omniplex on Tuesday, February 21 from 9 a.m. to 2 p.m. For more information visit the OEF website at www.ospe.org

Central Oklahoma Section receives annual Earl V. Fisher Award.

The Earl V. Fisher award is an annual cash award by national to units that do an outstanding job in their membership development activities. The Committee on Membership (COM) awards up to three outstanding units a combined sum of up to \$1,000 annually for their innovative approach to attracting and retaining members. A special thanks to Vice Chair Nathan Weber for completion and submission of the application. Our section was awarded \$500, half the annual sum awarded to three units.



Committee on Ethical Standards & Review

The Committee on Ethical Standards & Review (CESR) is accepting nominations for an open position.

The CESR, part of the Center for Professional Development, Practice, and Ethics, seeks to encourage a high standard of ethical practice in engineering while improving the status of the engineering profession.

This includes oversight of the following ASME policies:

Ethical Conduct Violation Procedures (Policy 15.4)

Code of Ethics of Engineers (Policy 15.7)

Policy on Conflicts of Interest (Policy 15.8)

Policy on Sexual Harassment (Policy 15.9)

The CESR maintains Community of Practice (COP) websites related to engineering ethics, and serves as the ASME liaison with the National Institute for Engineering Ethics (NIEE). Members of this Committee conduct seminars, presentations, and training sessions on the ethical aspects of the engineering profession. These are held at ASME Conferences, local Section meetings, and company worksites.

Criteria for this position include:

A minimum of ten years dedicated service to ASME.

A minimum of five years experience in ASME activities beyond the local section.

A commitment to upholding ethics in engineering practice.

Licensed as a Professional Engineer.

The term for this position begins in July 2006 and continues through the end of June 2010. Nominations should be forwarded to:

David J. Soukup, P.E.

Managing Director, Centers

ASME

Three Park Avenue

New York, NY 10016

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soukupd@asme.org

1st Annual ASME Central Oklahoma Section Golf Tournament

We're in the process of organizing an ASME Central Oklahoma Section Golf Tournament this Spring, to raise revenue for the section and to set up an Engineering Scholarship Fund. We are in the initial stages of planning this event and quickly need to find out if there's enough interest in the Section to follow through with reserving a public golf course. The following preliminary information is offered so you can give us your response by 19 January, as to whether you would be interested in recruiting a team of 4 for a shotgun scramble.

When – Target date is Saturday 22 April

Where – Silverhorn Golf Club in OKC

Estimated Entry Fee – \$75 for individuals or \$280 per team of 4, at a non-sponsorship level

Included in Fee – Greens fee, cart fee, range balls & practice facilities, Hamburger & Hot Dog Buffet; 10% Pro Shop Discounts, Gratuity

Prizes – 1st - 3rd Place Winners & a Hole-In-One prize for either an automobile or \$25,000 cash prize, plus door prizes.

Participants – Central Oklahoma Section Members, Member Spouses, Student Members, Guests, & other Engineering Societies can challenge ASME teams.

Sponsorship Levels

\$250 Hole Sponsor – Company Logo on a Tee-off Sign;

\$500 Silver Team Sponsorship – Team and a Hole Sponsorship, \$200 minimum to scholarship fund, plus advertising for 2 issues of The Central Oklahoma Section Newsletter;

\$1000 Gold Team Sponsorship – Team and 9-Hole Sponsorship, \$500 minimum to scholarship fund, plus advertising for 6 issues of The Central Oklahoma Section Newsletter;

\$1500 Platinum Team Sponsorship – Team and logo on 18 Flags, \$1000 minimum to scholarship fund, plus advertising for 8 issues of The Central Oklahoma Section Newsletter.

We estimate that we'll need 18, 4 player teams from ASME COS members to show an interest in playing in such a tournament before we can proceed to make final arrangements and sign contracts. **So please respond if interested by 19 January.**

If you don't play golf, we would also be interested in obtaining additional help on the tournament day. We anticipate a need for about 5 additional members; to help registering players, monitoring the Hole-In-One prize, etc. Besides enjoying the outdoor air and social interaction, those helping will get a free meal.

Again, we're trying to get something organized for a 22 April target date; so **please contact Frank Parker at park-erfi@asme.org or call at 405-739-1813 by 19 January**, if you think you can recruit a team of 4 or have your company sponsor a foursome, at one of the above mentioned levels. Be sure to mention that these sponsorships will contribute significantly towards an Engineering Scholarship Fund for college students.

Future ASME-Central Oklahoma Section and Other Events

DATE	LOCATION	PROGRAM TOPIC AND SPEAKER
January 26	Oklahoma Engineering Center	"Living our Dreams" by John B. Herrington, Commander, USN, Retired. Currently, Vice President/Director of Flight Operations, Rocketplate Limited, Inc.
February 19 - 25	N/A	National Engineer's Week
February 21	Omniplex, Oklahoma City; N.E. 52nd Street @ Martin Luther King Blvd.	The 25th Annual OEF Engineering Fair
February 23	Oklahoma Christian University	Engineering Societies' Joint Banquet "Engineering and Construction Issues of I-40 Cross-town Project" by John Bowman, Engineering Manager for ODOT
March 23	Oklahoma Engineering Center	"Ethics and Professional Practice" by Robert Zahl, P.E., Member and Past Chairman, Oklahoma Licensure for Professional Engineers and Land Surveyors
April 27	Oklahoma Engineering Center	"Diversity in Science and Engineering Faculty at US Research Universities" by Donna J. Nelson, PhD, Associate Professor of Chemistry, University of Oklahoma
May 25	Bergey Windpower, Norman, OK	Plant Tour and Presentation by Mike Bergey, President

Student Activity Calendar

January

Jan 31 Applications Deadline: [Gas Turbine Industrial Fellow](#)

Jan 31 Those who have not [renewed](#) their 2005-06 membership are dropped

February

Feb 1 Nomination deadline: [Student Section Advisor Award](#)

Feb 1 Abstract Deadline: [NDE Student Paper Competition](#)

Feb 15 Manuscript Due: [Arthur L. Williston Award](#) Contest – (Civic Service Paper)

Feb 19-25 [National Engineers Week](#)

Katrina Loans Available for Eligible Students

ASME has established a fast track student loan for mechanical engineering students who have been adversely affected by Hurricanes Katrina & Rita. Applications will be accepted on a continuous basis thru June 30, 2006.

For more information contact Maisha Phillips at (212) 591-7371 or PhillipsM@asme.org. Additional information can also be obtained by visiting the Web site at <http://www.asme.org/education/enged/aid/loan.htm>

FOR UPDATES ON THESE AND OTHER EVENTS, VISIT OUR SECTION WEB SITE AT

<http://sections.asme.org/CentralOK>