

# Central Oklahoma Section Newsletter

Volume 8, Number 6

February



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## February ASME COS Meeting Announcement

**Speaker: Bill Khourie**

**Topic: "The World's Next Gateway to Space– The Oklahoma Space Port**

**Place: Oklahoma Christian University Gaylord University Center**

**Time:**

6:30 PM: Registration & Social

7:00 PM Dinner & Program

**Cost: \$15 per person**

**PLEASE PLACE RESERVATIONS BY 12:00PM TUESDAY February 13th to Nathan Weber or contact Sheri Boekman at (405) 528-1435 or by e-mail at [sheri@ospe.org](mailto:sheri@ospe.org)**

### Presentation Abstract:

Senate Bill 720 signed on May 17, 1999, created the Oklahoma Space Industry Development Authority (OSIDA). The mission of OSIDA is to establish a spaceport in Oklahoma, to diligently attract space commerce and to promote space education in Oklahoma. OSIDA is responsible for this oversight and encouragement of aerospace activities.

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## Additional February Meeting Information

With over 35 years of aviation experience, Bill Khourie joined Oklahoma Space Industry Development Authority in 2002 and became director in 2004. He has played a leadership role for aerospace in Oklahoma having served on the Governor's Aerospace and Education Taskforce, Oklahoma Aeronautics and Space Commission, National Transonic Wind Tunnel Taskforce, and the Governor's Taskforce in New Airline Service for Oklahoma. He was a program manager and crew member for Delta Air Lines Historic DC-3 Ship 41 Restoration Project. Bill's flying career includes corporate and airline operations.

Bill currently serves as the National Chairman of the Aerospace States Association's Aeronautics Committee and is a member of the Board of Trustees for the Delta Air Lines Museum. He received a B.S. degree from the University of Oklahoma and a M.A. degree from Murray State University in Kentucky in 1975.

Once again, the location is at the Oklahoma Christian University—Gaylord University Center 2501 E. Memorial Road, Edmond Oklahoma.

If you or your company would like to sponsor a student for the Engineer for a Day program, please contact Kelly Duke at (405) 858-8800 ext. 110 or Kelly@pricipaltechnologies.com

## Call for Presentation Abstracts

XXVII Oklahoma AIAA/ASME Symposium  
Saturday, March 31, 2007—The University of Tulsa

The purpose of the symposium is to encourage communication among the engineers of Oklahoma's universities and industries. You are invited to participate by helping organize a session, chairing a session, presenting a paper, and/or attending presentations to listen and discuss the papers with the authors. The symposium provides a great opportunity for students to attend and present papers. The Symposium Registration Fee is only \$5 for Students and \$15 for other professionals. The Symposium will have parallel morning technical sessions and will end after a luncheon with an invited speaker.

A one page abstract must be submitted by **February 28, 2007**, to be included in the meeting program and the symposium proceedings. Presentations will be 15 minutes (12 minute presentation and 3 minutes for questions).

See website link below for submittal guidelines. E-Mail abstract to Brenton-McLaury@utulsa.edu

Please use **\*\*\* AIAA/ASME ABSTRACT\*\*\*** in subject line.

For additional information, contact Dr. Ram S. Mohan at (918) 631-2075 or Dr. Brenton McLaury at (918) 631-2999.

[http://www.me.utulsa.edu/OK\\_AIAA\\_ASME\\_07.pdf](http://www.me.utulsa.edu/OK_AIAA_ASME_07.pdf)

# Chair's Corner

Dear ASME-Central Oklahoma Section Members:

January's joint meeting with AIAA was a big hit with 50 attendees. Paul Metz presented "The Strange Paradox of Coolidge, Augustine and Moore: Acquiring New Technology." For those of you who are not familiar with the findings behind this work, I encourage you to do some personal research on the matter. Can you imagine only building one plane with the entire military budget by 2055? The amount of time from concept to production is a critical metric.

The February program will be held at Oklahoma Christian University for the annual Joint Engineering Societies Banquet. This banquet takes place during Engineering Week every year. For more information on the banquet, please see the first two pages of this newsletter or visit

<http://sections.asme.org/CentralOK/monthlyNLs/Flyers/2007JESB.pdf>

Some other exciting events are occurring that I would like to bring to your attention. The Central Oklahoma Section is **now accepting scholarship applications** for the 2007-2008 school year. Applicants must be in their Sophomore or Junior year when applying and enrolled full time in a Mechanical Engineering or Mechanical Engineering Technology Degree Program at an Oklahoma ABET accredited University within the Central Oklahoma Section's geographic area. *The application can be downloaded at:*

<http://sections.asme.org/centralok/monthlyNLs/Flyers/ASME-COEngrScholarshipApplication.doc>

Also, please notice the call for abstracts for the ASME/AIAA Symposium. More information pertaining to this event is found on page 2 of this newsletter. **Abstract deadline is February 28th!**

Nathan A. Weber -- Chair

## Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals.

The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

Not familiar with the ASME e-library? It's a collection of 75 interactive technical references, available free to members. Use it anytime for answers to your technical questions, 24/7, anywhere you have an Internet connection.

To find out more about the library – or to sign up and login, just go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.

Member: [http://info.knovel.com/ASME/ASME\\_professional\\_quiz.htm](http://info.knovel.com/ASME/ASME_professional_quiz.htm)

Student: [http://info.knovel.com/ASME/ASME\\_academic\\_quiz.htm](http://info.knovel.com/ASME/ASME_academic_quiz.htm)

### OC ASME Schedule

The OC ASME student section will be having meetings the last Thursday of the month at 6 PM during the school year, through April. Please contact Marshall Warren for more information.

### OU ASME Schedule

**February 22nd** Tech Talk AME Conference room

**March 8th** TBD

**March 22nd** Rocketplane Kistler Tech Talk  
AME Conference room

**April 13th** Paintball Wildwest paintball, Purcell, OK

**April 26th** ASME Spring Cookout and Elections Reeves Park

**April 27th** Old/New Officers dinner TBD

## Scholarship Opportunities

### 1. ASME National:

Apply **online only** beginning 2/1/07 and ending 3/15/07 for ASME scholarships.  
<http://www.asme.org/Education/College/FinancialAid/Scholarships.cfm>

### 2. ASME Auxiliary:

[http://www.asme.org/Education/College/FinancialAid/Auxiliary\\_Scholarships.cfm](http://www.asme.org/Education/College/FinancialAid/Auxiliary_Scholarships.cfm)

### 3. ASME Central Oklahoma Section:

Four \$500 scholarships will be awarded for the 2007 fall semester. Applications due March 15, 2007.  
<http://sections.asme.org/centralok/monthlyNLs/Flyers/ASME-COSEngrScholarshipApplication.doc>

## 2007 LTC

Plan on attending the 2007 Leadership Training Conference (LTC) to be held at the Wyndham Greenspoint hotel in Houston, Texas from March 2-4, 2007. The theme of this year's LTC is "Connecting Communities," and its purpose is to provide ASME members soon to become unit leaders an opportunity to develop their leadership knowledge and skills, share best practices, form partnerships with other units, and focus on critical issues important to the success of the Society.

The LTC will provide:

- A first-time-unit-leader workshop – the basics
- An overview of the Society's organization, activities and resources
- Information and methods to help leaders succeed in leading an ASME unit
- An opportunity to network with other leaders and ASME staff
- A forum for interchange of ideas and development of program plans

LTC is open to leaders throughout ASME who are invited by their sector leadership to attend. Also attending the LTC will be a special contingent of Early Career Engineers and students, whose presence will add extra excitement to the conference. If your section hasn't yet selected a delegate, or you'd like an additional member to attend, please contact your District leader as soon as possible.

For additional information on LTC, visit:  
<http://www.asmeconferences.org/ltc07/index.cfm>



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## Central Oklahoma Section Awards

The executive committee has established seven (7) awards to recognize the section and student members who are making outstanding contributions to their section or the profession of mechanical engineering. The recipients of these awards will be recognized at the April 27<sup>th</sup> Central Oklahoma Section Meeting.

**Outstanding Engineer Award** – To be presented for outstanding professional and technical organization activities and achievements. Also considered will be community and civic activities along with awards received. The nominee must be a member of ASME.

**Minority and Women Engineer-of-the-Year Award** – To be presented for outstanding professional and technical activities by a minority or woman engineer. In addition, community and civic activities will be considered as well as awards received. The nominee must be a member of ASME.

**Outstanding Engineer-in-Management Award** – To be presented to the engineering manager deemed by the nominator to have done an outstanding job in furthering the goals of ASME and the engineering profession. The ability to select and develop engineers as well as to communicate with and motivate engineers will enter into the selection of awardee. The nominee must be a member of ASME.

**Outstanding ASME Student Member Awards** – Four awards will be made in recognition of academic achievement and outstanding service to an ASME student section. The Jerald D. Parker Award will be awarded at Oklahoma Christian University; The James H. Boggs Award will be awarded at Oklahoma State University/MAE; the Tom J. Love Award will be awarded at the University of Oklahoma & an Outstanding Student Award will be awarded at Oklahoma State University/MET.

For application and/or additional information contact: Ed Reynolds, 6507 N.W. 96<sup>th</sup> Street, Oklahoma City, Ok. 73162, Phone: (405) 721-6753, E-mail: [edwin\\_c\\_reynolds@yahoo.com](mailto:edwin_c_reynolds@yahoo.com)  
(Nomination deadline is March 23, 2007)



## Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

Currently, the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the [Members Only](#) website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)

Product Management (Product Management Series)

To get started, please visit [www.professionalpractice.asme.org](http://www.professionalpractice.asme.org).

## Future ASME-Central Oklahoma Section and Other Events

DATE	LOCATION	DESCRIPTION
February 20th	Omniplex	E-Week Fair
February 22nd	Oklahoma Christian University	E-Week Banquet
March 22nd	Engineering Center	Ethics in Engineering
March 31st	University of Tulsa	Symposium
April 23rd	Golf Tournament	Coffee Creek Golf Course
April 27th	Engineering Center	Honors and Awards Banquet
May	Tour	Norman Weather Center

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

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