

Central Oklahoma Section Newsletter

Volume 8, Number 3

October



Inside this issue:

ASME-ITI Against Terrorism	2
Plan to Attend	2
Chair's Corner	3
Johnson & Johnson Award	3
Early Career Forum & Career Fair	4
Diversity Grants	4
Membership Roster Update	5
ASME Low Interest Loans	5
Calendar of Events	6

October ASME COS Meeting Announcement

Speaker: Bruce Pitts, P.L.S.
Topic: Oklahoma Surveying Challenges — Are You Up For the Challenge?
Place: Oklahoma Engineering Center, 201 NE 27th Street, Oklahoma City, OK
Time: Thursday, October 26th
 6:00PM: Registration & Social 7:00PM: Meeting and Announcements
 6:30PM: Meal 7:15PM: Presentation
Cost: \$10 for all Senior Members and Guests, \$5 for Students

PLEASE PLACE RESERVATIONS BY 12:00PM TUESDAY, October 24th.
Students Make reservations at your respective Mechanical Engineering Office.

Members Make reservations with Nathan Weber; webern2@asme.org or (405) 255-4061.

With each reservation, please include the name of each guest &/or student and affiliation.

Presentation: This presentation will include a discussion of the General Land Office who was responsible for the original surveys, the men who performed the survey, the equipment they used, the obstacles they faced and the legacy which present day surveyors aspire. The discussion will be followed by a question and answer session about the general topic of surveying and about enforcement issues dealt with by the Board of Licensure Investigation Committee.

Continued on page 2



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Additional October Meeting Information

Bruce Pitts Biography:

Mr. Pitts is an Oklahoma, Pennsylvania, New Mexico, and Illinois Registered Land Surveyor and has practiced land surveying and land subdivision design with emphasis on land title surveys and resolution of boundary disputes since 1976. He is presently serving as Director of Enforcement for the State Board of Licensure for Professional Engineers and Land Surveyors

He received his Bachelor of Science degree in engineering technology from Oklahoma State University. Since 1979 he has been on the land surveying and mapping faculty of the University's Oklahoma City Campus, and is currently an adjunct associate professor.

Mr. Pitts is a past president of the Oklahoma Society of Land Surveyors, a member of the American Congress of Surveying and Mapping and an associate member of the Oklahoma Land Title Association. He is an Emeritus Member of the State Board of Licensure for Professional Engineers and Land Surveyors, having served 9 years as a member of that board. Mr. Pitts has been a member of the National Council of Examiners for Engineering and Surveying and has served 6 years on its Examinations Committee.

Expertise:

Land Title Surveys and
Boundary Dispute Resolution
Expert Testimony

Education:

B.S. Engineering Technology
Oklahoma State University, 1976

Organizations:

Oklahoma Society of Land
Surveyors
American Congress of Surveying
and Mapping Oklahoma Land
Title Association
State Board of Registration for
Professional Engineers and Land
Surveyors National Council of
Examiners for Engineering and
Surveying

ASME-ITI AIDS IN FIGHT AGAINST TERRORISM

The ASME Innovative Technologies Institute, LLC (ASME-ITI), has announced the commencement of a \$5 million contract with the U.S. Department of Homeland Security (DHS) for continued work using its risk analysis methodology known as RAMCAP (Risk Analysis and Management for Critical Asset Protection).

Created and developed by ASME-ITI and adopted by DHS, RAMCAP is a framework for analyzing and managing the risks associated with terrorist attacks against critical infrastructures. The purpose of RAMCAP is to provide essential information to government decision makers about consequences and vulnerabilities in the private sector, which owns 85 percent of the nation's critical infrastructure.

RAMCAP is unique in that it facilitates the comparison of risks within a sector and across multiple sectors by employing a common terminology and standardized measurement metrics. The process is then tailored to specific aspects of various sectors of the critical infrastructure in documents called Sector-Specific Guidance documents (SSGs) that enable companies to identify and report on the vulnerabilities and potential consequences of terrorism by providing guidance on how to complete both preliminary and in-depth assessments. For more information about the ASME-ITI visit <http://www.asme-iti.org/about/us.cfm>



Plan to attend "Strategic Diversity: Envisioning the Future of Engineering" — 2006 Congress in Chicago!

This workshop, sponsored by the Center for Leadership & Diversity, will engage participants of different backgrounds, experiences, ages, gender and ethnicity, in an exercise of forward outlook into a successful future state of the Engineering Profession. The desired outcome of the workshop is the collective wisdom (Voice-of-the-Customer) of a diversely representative group of ASME members that provide a common vision and a common language to enhance the strategic direction of ASME. All Congress attendees are welcome to participate. There is no cost to attend. For additional information, contact Mary James Legatski at legatskim@asme.org.

Chair's Corner

Dear ASME-Central Oklahoma Section Members:

Our fall tour was held at the **Rocketplane** facility in Guthrie, OK. Over 70 members of ASME, AIAA and guests attended this event! We were excited to hear that we reached the maximum number of attendees, but we do apologize to those of you whom we could not accommodate. Congratulations to Rocketplane Limited, LLC towards reaching their progress to date, and thank you for the exciting evening!



The October program will be held back at the Oklahoma Engineering Center. Our speaker, Bruce Pitts, has spoken on several occasions about this topic including museums in Oklahoma where hundreds of people came to hear him speak. This is your perfect opportunity to learn what it takes to make a state thrive. Do you have what it takes? Join us on October 26th to find out!

Nathan A. Weber—Chair

2007 Johnson & Johnson Consumer Companies, Inc. Medal

The Johnson & Johnson Award, first presented in 2005, recognizes outstanding contribution to the promotion of diversity and inclusiveness within the engineering community. This award is open to ASME members and individuals who are members of a recognized/engineering or professional society.



The deadline for all nominations is Feb. 1, 2007.

For additional information and forms, visit http://www.asme.org/Governance/Honors/SocietyAwards/Johnson_Johnson_Consumer.cfm. or contact ASME staff contact: Mary James Legatski, legatskim@asme.org



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Early Career Forum & Career Fair

A two-day career enhancement and networking program for early-career engineers

Nov. 5–6, 2006 Chicago Hilton, Chicago, Ill.

Join other early career engineers at the Early Career Forum & Career Fair, held in conjunction with the 2006 ASME International Mechanical Engineering Congress & Exposition. The Forum will give you first hand advice and information on issues relevant to your career. Senior-level engineering students will also benefit from this important event, featuring top industry pros presenting key trends, opportunities, and expectations in the field.

Featuring:

- Joseph A. Ahearn, Senior Vice President, **CH2M HILL** (*Engineering Services*)
- Todd Allen, Manager, **Johnson & Johnson** (*Pharmaceuticals*)
- Jeff Dinski, BSME, Formerly a Writer/Producer with **NBC, ESPN, MSNBC** (*MBA Graduate Student at Harvard Business School*)
- Larry Dickinson, Ph.D., Founding Principal, **3F, LLC** (*Textiles and Composites*)
- Laura Wojcik, Ph.D., P.E., Senior Director, **Packer Engineering** (*Biomedical*)
- Julie Maupin, Engineer, **Gas Technology Institute**

And meet representatives from

- Toyota
- UOP (a Honeywell Company)
- National Council of Examiners for Engineering and Surveying (NCEES)
- Grogan Advisory Services
- and others...

Participate in the one-day program (advance fee: \$25 or onsite fee: \$30), or get even more valuable insights when you include a second day of special ASME conference sessions (advance fee: \$150/\$200 or onsite fee: \$175/\$225 – member/nonmember rates). For more information, click: http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm

REGISTER by Nov. 1, 2006 and Win \$200!

When you register by Nov. 1, 2006 you will be entered into a drawing to win a \$200 American Express gift card. The gift card will be announced and awarded at the Early Career Forum on Sunday, November 5, 2006. The winner must be present to win.

Register now: www.asmeconferences.org/congress06/confregistration.cfm

Diversity Action Grants Now Available!

Encourage your local ASME student section to apply for a Diversity Action Grant by the Nov. 1 deadline! This program enables ASME Student Sections to sponsor events which:

- Promote the inclusion of women and under-represented minorities in ASME Student Sections and in mechanical engineering,
- Inspire K-12 students to excel in science, technology, engineering and mathematics (STEM) education and/or,
- Assist minority - and/or women-owned businesses solve engineering design problems.

For more information, visit: http://www.asme.org/Communities/Diversity/Diversity_Action_Grant.cfm

or contact Mary James Legatski at legatskim@asme.org



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ASME Low Interest Student Loans

The ASME Winter/Spring 2006 Student Loan Application is now available online. The application postmark deadline is **Oct. 15, 2006**. Don't miss out on this opportunity, the loan rate is only 4.3%. Applicants must:

- Be ASME Student Members in good standing
- Be enrolled in full-time academic studies in the **U.S., Canada or Mexico** and making satisfactory progress in his or her degree program in Mechanical Engineering, Mechanical Engineering Technology or closely related program
- Have a minimum GPA of: 2.20 on a 0 to 4.00 scale for undergraduate students; 3.20 on a 0 to 4.00 scale graduate student; Have a demonstrated financial need.

For details and an application form, visit: http://www.asme.org/Education/FinancialAid/Loans/Student_Loan_Funds.cfm.

DRAWING DATE: OCTOBER 1, 2006

Three Chances to Win!

[Renew your ASME membership](#) by August 1 and get three entries, September 1 and get two entries, or October 1 and get one entry.

Rules: (1) All paid renewals must be received on or before October 1, 2006. (2) Price as indicated or gift certificate for equal value to a major electronics store in your area. (3) Winner will be notified by phone and posted online. (4) Online payments receive three entries. (5) Renewals prior to August 1 receive three entries, prior to September 1, receive two entries, and prior to October 1 receive one entry.

Online Renewal Bonus

[Renew online](#) by October 1 and receive three entries.

Reminder that it is that time again to renew your membership into ASME. Young engineers get a reduced rate as they progress:

Fellow, Member, Affiliate:	\$126
Member within 1 yr of Grad.	\$50
Member within 2 yrs of Grad	\$69
Member within 3 yrs of Grad	\$88

“Tips for Tenure and Promotion: A Symposium for New and Prospective Faculty” – Free Event!

Session 1: Expectations of New Faculty for Promotion and Tenure

Session 2: Panel on Scholarship, Teaching and Service

Session 3: Hints for Successful Proposal and Funding Opportunities

When: Tuesday, Nov. 7, 2006

Audience: New and prospective faculty, including graduate students thinking about a career in academia.

Cost: Free to anyone registered for the ASME Congress.

However, you must register separately for this event to secure your seat.

http://www.asme.org/Education/College/Faculty/Tips_Tenure_Promotion.cfm

Joseph J. Rencis, University of Arkansas
Mohammad N. Noori, Cal Poly San Luis Obispo

ASME E-Library Expands to 75 Titles – Free to members!

In early Sept. 2006, ASME members gain access to 75 interactive, user-friendly references available on the newly expanded ASME e-Library powered by Knovel. To take advantage, members simply access ASME.org and log onto the members-only page. Members pay no charges for access.

Selecting from a large, diverse collection that includes *Mark's Standard Handbook for Mechanical Engineers*, *Handbook of Materials Selection*, *Mechanical Engineer's Reference Book*, *Structural and Stress Analysis*, *Pipeline Rules of Thumb*, *Mechanics of Materials*, and the *Manufacturing Engineer's Reference Book*, members enjoy additional benefits unavailable from printed references. Using embedded analysis software, they quickly locate data, analyze it, and export the results. For a complete listing of available titles, visit the e-library pages in Members only.

For the initial session on the expanded ASME e-Library, each individual can log onto the member-only page and register. For future sessions, the individual can simply log onto the members-only page and click on an icon, which opens the collection for use.

Future ASME-Central Oklahoma Section and Other Events

DATE	LOCATION	DESCRIPTION
October 26th	Engineering Center	Early Surveying in Oklahoma
November 5th - 10th	Hilton, Chicago	ASME International Mechanical Engineering Congress and Exposition
November 30th	University of Oklahoma	Nanotechnology

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

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