



THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS®

Central Oklahoma Section Newsletter
Volume 9, Number 3, October 16, 2007

The Section is located at: Oklahoma Engineering Center, 201 Northeast 27th Street, Oklahoma City, OK 73105

The Central Oklahoma Section Newsletter is nominally published nine times per year to convey monthly meeting dates, meeting topics, section activities, and/or other ASME information to its membership.

***** October Meeting Announcement – ASME PRESIDENT SAM ZAMRIK *****

LOCATION: Oklahoma Engineering Center, 201 NE 27th St., OKC

DATE: Thursday, October 25, 2007

TIME: 6:00 PM



Each year our Central Oklahoma Section strives to attract leading, influential speakers most often through ASMEs *Distinguished Lecturer* program. This year, however, we are honored to be hosting Dr. Sam Y. Zamrik, Ph.D., the 126th President of ASME International. Dr. Zamrik will speak about ASME's role and influence throughout the engineering community as well as benefits that ASME offers to both young and seasoned professionals. See page 2 for more information!

Make plans to attend this meeting on October 25!

Time: 6:00PM: Registration at the Okla. Engineering Center 6:30: Catered Meal
7:15-8:15PM: Presentation by ASME President Sam Zamrik, Ph.D.

Cost: \$10 for Senior and \$5 for Student Members (students please bring your ASME membership card).

PLEASE PLACE YOUR RESERVATION with Stan Wells -- e-mail wellss2@asme.org or phone 405-330-4769 (leave message) by TUESDAY, October 23 at 12:00 NOON.

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ADDITIONAL OCTOBER PROGRAM INFORMATION

Dr. Sam Y. Zamrik is a technical consultant and professor emeritus at Pennsylvania State University. An ASME Fellow, Dr. Zamrik has served on the ASME Board of Governors from 2002-2005. His area of expertise is pressure vessel technology. With 160 technical publications to his credit, he has explored the topics of fatigue analysis, life prediction, biaxial loading, and thermal analysis.

Throughout his 35-years as a member and leader of ASME, Zamrik has been involved in student outreach, codes and standards workshops, and volunteer training. He has also been involved in global initiatives, both within the Society and as a visiting professor at American University in Cairo, Egypt. In 2007, he received the Penn State Engineering Society's Distinguished Service Award.

UPDATE on COS' Industry Breakfast Friday, October 26

When: 7:30 to 9:00 AM

Where: Oklahoma Engineering Center ; 201 N.E. 27th Street ; OKC

Invitations have been mailed for our Central Oklahoma Section Industry Breakfast. Included are leading industry professionals within the central Oklahoma region. Our objective is to highlight ASME benefits to influential persons in our area that hire Mechanical Engineers. Again, this *invitation only* event dovetails with our October Section meeting detailed on page 1.

Dr. Zamrik will be our Industry Breakfast speaker. He will present information about ASME and how it is helping to prepare Mechanical Engineering Students and young career employees to be more effective employees.

VOTE NOW !! The Future of ASME is in your hands!!!

Information about nominees for Society Office for terms beginning in June 2008 is now available online:

http://www.asme.org/Governance/Nominating/Selections_By_2007_Nominating.cfm

Ballots are included in the Sept. 2007 issue of *Mechanical Engineering Magazine* and are due back no later than Oct. 24, 2007.

You have the power to shape the future of ASME!!



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No registration required.



August Section Meeting Photos: AutoCraft Industries & NuVinci CVP Technology



Our COS group in front of AutoCraft Industries



Mr. Tony Jungles presenting NuVinci's CVT Transmission.

STUDENT SECTIONS NOTE: DIVERSITY ACTION GRANTS ARE AVAILABLE

ASME DIVERSITY ACTION GRANTS (DAGs) ENABLE STUDENT SECTIONS TO:

- 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;
- Assist minority- and/or women-owned businesses solve engineering design problems.

This competitive program awards grants ranging from \$500 to \$1,500 per Student Section based upon the size and scope of the project. The deadline for applying for a DAG grant is November 1st of each academic year. Projects must be completed by the end of that academic year, unless a special waiver is granted by the Center for Leadership & Diversity's Committee on Diversity Programs.

DAG PROGRAM OBJECTIVES ARE:

- To increase the participation and retention of women and under-represented minorities in ASME Student Sections;
- To increase the number of students who pursue engineering educations; and,
- To promote ASME's image and prestige with industry and minority- and women-owned businesses.

WHO SHOULD APPLY?

The DAG Program is open to any ASME Student Section interested in promoting diversity and inclusion within its own section, within the ASME membership and within the engineering community at large.

APPLICATION DEADLINE, SELECTION CRITERIA AND REVIEW

The deadline for submission of applications is November 1st. Applications should be sent to:

ASME Center for Leadership & Diversity
 Marina Stenos, Manager, Public Awareness (e-mail: stenosm@asme.org)
 Three Park Ave
 New York, NY 10016-5990
 Telephone: (212) 591-8614 ; Fax: (212) 591-7856

Following this deadline, the Center for Leadership & Diversity's Committee on Diversity Programs will evaluate each application against the following criteria:

- Does the proposed project or event meet the DAG objective(s)?
- Can the project be replicated by other ASME Student Sections?
- Is the project innovative?
- Does the proposal include a realistic methodology?
- Does the proposal include a budget and an evaluation plan?
- Does the proposed project include collaboration with women and under-presented minority groups on campus (e.g., Society of Women Engineers, National Society of Black Engineers)?
- Does the project encourage cost sharing from local industry, universities and/or the local ASME Section?

ANNOUNCEMENT OF GRANT AWARDS

ASME Student Section grant recipients will be notified via e-mail in mid-November of their selection. Checks in the grant amounts will be forwarded to the ASME Student Section Advisor.

Elizabeth Schwartz of our COS Executive Committee (schwartz3@asme.org) can help Student Sections get started. See also http://www.asme.org/Communities/Diversity/Diversity_Action_Grant.cfm.

MEMBERS NOTE: ASME's Geometric Dimensioning & Tolerancing Professional (GDTP) Certification

ASME GDTP certification provides the means to recognize proficiency in the understanding and application of the geometric dimensioning and tolerancing (GD&T) principles expressed in the ASME Y14.5 Standard. It is based on a multiple-choice examination.

There are two levels of ASME GDTP Certification: Senior and Technologist

Employment opportunities for Geometric Dimensioning & Tolerancing Professional include: Design Engineer; CAD/CAM/CAE Specialist; Drafter, Production or Manufacturing Engineer; Process Engineer; Quality Engineer; Tool or Gage Engineer; Engineering Manager; Checker; Engineering Consultant; Educator; Inspector; Contract Engineer; Project Engineer; and Technical Specialist.

WHY GET ASME GDTP CERTIFIED?

For Design, Drafting, Inspection, Quality, CAD/CAM, & General Engineering Professionals:

- Generally, new design, drafting, inspection, quality and engineering related positions require knowledge of GD&T and the ASME Y14.5 Standard. ASME GDTP Certification is the only way to prove your knowledge of GD&T and move yourself ahead of the rest of the pack.
- Enhance your credentials, and get the respect from your peers that you deserve.
- Confirm your knowledge, so you can work more confidently in an advisory capacity.
- Increase your skills in reducing cost and improving quality.
- Prove you deserve that promotion.

For Corporations / Engineering Management:

- Verify the GD&T abilities of your design, manufacturing and inspection team.
- Reinforce uniform engineering drawing and documentation interpretation in your company, from design, to manufacturing, to inspection.
- Improve drawing and documentation interpretation and communication among your staff, your suppliers, and your customers.
- Cut manufacturing and inspection costs through proper application of tolerancing schemes.

FOR MORE INFORMATION CONTACT:

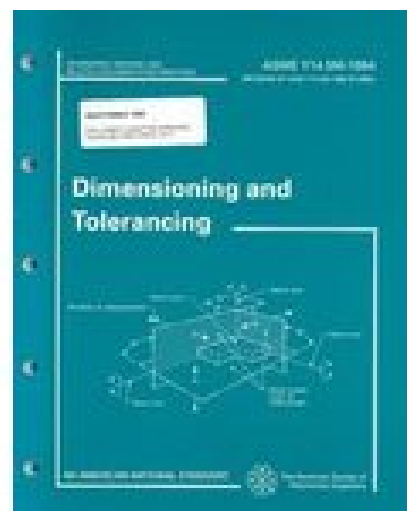
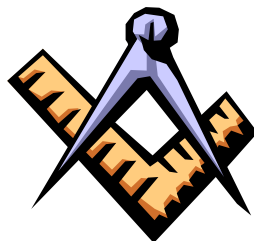
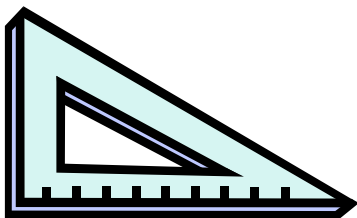
Mr. Matthew Carnino (e-mail carninom@asme.org)

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Chair's Corner

Dear ASME-Central Oklahoma Section Members:

Our September meeting at the OU Sarkey Center on Nanotechnology was very interesting. I learned a lot from the presentation by Dr. Brian Grady who performs research in the area of using Nanotechnology in the medical field. Our thanks to Dr. Grady and Albert Janco, ASME Program Chairman, for arranging this meeting. I would also like to thank Jamal Siddiqui for arranging for our food and drinks. We had five guests from a Midwest City middle school including two teachers and three students who are working on a project for National Engineers Week called the *Future City* Competition. This meeting was well attended with 28 members and guests.

In October, ASME-COS has the privilege of having the National ASME President presenting the program to our membership. This is an event that does not occur every year and I strongly encourage all of our members to attend this meeting on October 25. Sam Zamrik, Ph.D., the 126th President of ASME International, is a technical consultant and Professor Emeritus at Penn State University. Dr. Zamrik is also an ASME Fellow who has served on the ASME Board of Governors from 2002 to 2005. His presentation will feature ASME and how it helps prepare mechanical engineering students and young career engineers to become more effective in their work. For those of you who have not attended an ASME meeting for a while, this is the one meeting you should not miss.

For our November/December meeting, our tentative plan is for both OSU-MAE and OSU-MET Student Sections to host the meeting to be held in Stillwater. Stay tuned for more information!

Stan Wells, Chair

Future ASME-COS and ASME Student Section Events

Date	Location	Program Topic and Speaker
Oct. 25, 2007 (Thursday)	Oklahoma Engineering Center, 201 NE 27 th St., OKC	October Section Meeting: ASME President Sam Y. Zamrik, Professor Emeritus, Penn State University Put this on your personal calendar!
Oct. 26, 2007 (Friday)	Oklahoma Engineering Center, 201 NE 27 th St., OKC	Industry Breakfast: ASME President Zamrik will preside over this gathering to include Corporate Executives and Engineering Managers (<u>invitation only</u>).
Nov. 1, 2007 (Thursday)	University of Oklahoma	OU-AME Student Section program: WellBros. Contact Adam Joosten for more info. (adamjoosten@ou.edu)
Nov. 15, 2007 (Thursday)	University of Oklahoma	OU-AME Student Section program: Anautics. Contact Adam Joosten for more info. (adamjoosten@ou.edu)
Nov. 29, 2007 (Thursday)	University of Oklahoma	OU-AME Student Section program: Ditch Witch. Contact Adam Joosten for more info. (adamjoosten@ou.edu)
Nov. 29, 2007 (Thursday)	Oklahoma State University Building/Room TBD	Joint Section meeting with OSU-MAE and OSU-MET Student Sections. Students will be selecting the speaker.

Please visit our Section website <http://sections.asme.org/CentralOK/> for event updates and other useful information!