



**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS®**

**Central Oklahoma Section Newsletter**  
 Volume 9, Number 4, November 10, 2007

The Section is located at: Oklahoma Engineering Center, 201 Northeast 27<sup>th</sup> 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.

**\*\*\*\*\* Joint Meeting with OSU-MAE and OSU-MET Student Sections \*\*\*\*\***

**LOCATION: Petroleum Building, Okla. State Univ. NW Campus, Stillwater, OK**

**DATE: Thursday, November 29, 2007**

**TIME: 6:00 PM**

**Dr. Raymond Huhnke: “Adding a Little Green to Oklahoma’s Energy Portfolio”**

OSU is taking a holistic approach in the conversion of low-cost biomass into ethanol using a gasification-fermentation process. Project areas include feedstock development, gasification and producer gas conditioning, gas fermentation, microbial catalyst development, process modeling and economics. In this bioconversion process, the total biomass, including lignin, is utilized which could result in a significantly higher ethanol yield compared to the more common starch-based fermentation process. An added benefit in using this technology is that much higher carbon conversion efficiencies are realized compared to other processes.



**See page 2 for more information. Make plans to attend this meeting on November 29!**

**Time:** 6:00PM: Registration at the OSU Petroleum Building 6:30: Pizza Meal  
 7:15-8:15PM: Presentation by Dr. Raymond Huhnke.

**Cost:** \$5 for Senior Members, Student Members, and all interested students.

PLEASE PLACE YOUR RESERVATION with Stan Wells -- e-mail wellss2@asme.org or phone 405-330-4769 (leave message) by TUESDAY, Nov. 27 at 12:00 NOON.

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### ADDITIONAL NOVEMBER PROGRAM INFORMATION

Dr. Raymond L. Huhnke, P.E., is a Professor within the School of Biosystems Engineering of the OSU Division of Agricultural Sciences and Natural Resources. In addition, Dr. Huhnke has attained the grade of Fellow in the American Society of Agricultural and Biological Engineers. His areas of specialization include Farmstead Structures and Environment, Machinery Management, Forage Harvest Handling and Storage, and Biomass Gasification. Dr. Huhnke is also the Associate Director of the Sun Grant Initiative, South Central Region that is a national network of land-grant universities and U.S. Department of Energy laboratories partnering to build a bio-based economy.

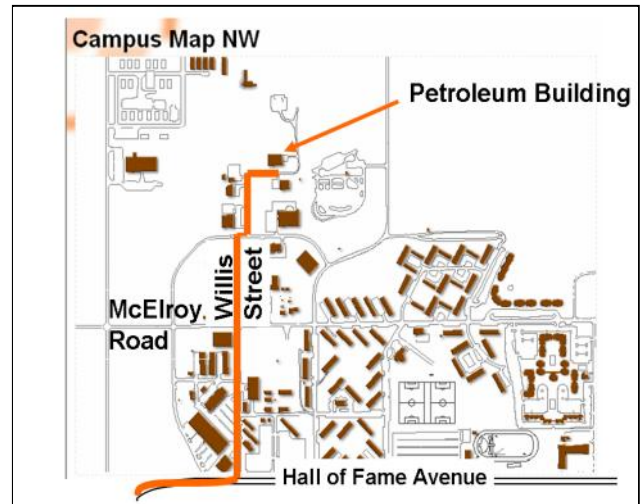
Dr. Huhnke is team leader on a multidisciplinary, multi-institutional project of converting low-cost biomass into liquid fuel and other value-added products using a gasification-fermentation process. He is also Director of Oklahoma AgrAbility Project that supports the rehabilitation and assistive technology needs of farmers, ranchers, and their families.

**Directions:** From I-35 take the Stillwater Exit (Exit 174) and go east on Highway 51 which becomes 6<sup>th</sup> St. in Stillwater. Turn left on Western St. and drive north.

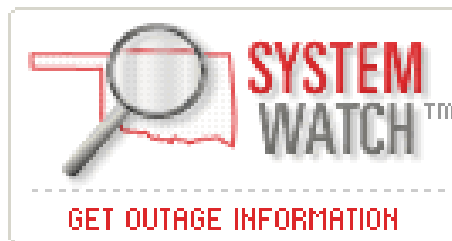
After about 1/2 mile, Western (four-lane road) curves to the east and becomes Hall of Fame St. Drive east on Hall of Fame until you reach Willis Road. Turn north (left) onto Willis Road.

Continue north past the intersection of McElroy Road. At the next stop sign turn right followed by a quick left as Willis Road has a short jog.

Continue driving north until you must turn right. The Petroleum Building will be on your left. Parking is available in a lot to the south.



**OG&E Electric Services**



## **DEADLINE APPROACHING for Delegates to attend ASME's LEADERSHIP TRAINING CONFERENCE (LTC) March 6-9, 2008 in Atlanta, GA**

ASME's 2008 LTC will be held on March 6-9, 2008 in Atlanta, GA. We invite you to identify individuals to attend on behalf of your ASME Section and submit their *name(s), unit, position(s), and e-mail address(es)* to [lrc08@asme.org](mailto:lrc08@asme.org) by **November 26, 2007**. We expect that each attendee at the LTC will schedule travel plans that assure their attendance at the entire event.

"Moving to the Next Level of Excellence: Commitment to Purpose" is the 2008 LTC theme that is aimed at providing selected ASME members 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:

- Separate tracks for first-time and experienced unit leaders;
- An overview of the Society's organization, activities and resources ;
- Information and methods to help us succeed in leading an ASME unit and/or unit activity ;
- An opportunity to network with other leaders and ASME Staff ;
- A forum for interchange of ideas and development of program plans;
- An Idea Mart Exposition featuring information and representatives of various ASME units.

Last March, the 2007 LTC provided over 200 delegates aspiring to be ASME leaders with tools and resources to facilitate their success in 2007-08. Those attending learned about setting goals and objectives, how to communicate more effectively, how to learn from others and partner to the benefit of all involved, as well as where to get help and resources of value.

In 2008, LTC will be about developing tools, recruiting volunteers and being of even greater service to our members. To move to the next level of excellence, we must engage members more fully and provide activities that meet their needs. "Business as usual" and "upholding traditions" are models of the past – we need to adopt models that make ASME a "go to" organization. The weekend event will have plenty of time for networking and includes open forums and the choice of over a dozen workshops. The workshops will provide fundamentals, information on "how to" easily and effectively utilize ASME's many staff and resources, and time for dialogue and examples.

Units are encouraged to consider sending one or more delegates (funding options apply). All LTC attendees must pay a \$75 registration fee to defray costs and help the program meet budget. Hotel information, LTC reimbursement policy, and other details will be posted on the web at [www.asmeconferences.org/lrc08](http://www.asmeconferences.org/lrc08). If you have questions, please send them to [lrc08@asme.org](mailto:lrc08@asme.org). You may also contact Ms. Marian Heller, the conference coordinator at [HellerME@asme.org](mailto:HellerME@asme.org) or phone (212) 591-7079.



**Check Johnson Controls' *Ingenuity Welcome* video for career opportunities!**  
(<http://www.johnsoncontrols.com/publish/us/en/careers.html>)



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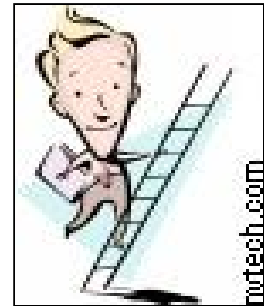
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## Management Tips for Personal Development

By F. John Reh, posted at About.com: Management

(<http://management.about.com/cs/generalmanagement/a/Management101.htm> )

**Be on time for ALL your appointments.** If you schedule a meeting, set a time to visit with a client, or tell a friend you'll meet them for a working breakfast you have to be there at the time you set or you will lose their respect. If your dispatcher tells a client the serviceman will be there at 1pm, make sure he is. It's just common courtesy, but it will really help your business.



**Stop and smell the roses.** Believe it or not, you will do a better job with your business if you let your mind wander once in awhile. Take a break. Recharge your internal battery. When you go back to work you will be more creative as well as less stressed.

**Be Careful Who You Step On On Your Way Up,** they will be there on your way down too.

**You Are Not Smarter Than Everybody.** You may be smarter than anyone, but you are not smarter than everyone. Seek input from the group, and LISTEN to it. You will be surprised at what you can learn.

**Get Involved.** If you think you are too busy to get involved in civic and charitable activities, you don't know what you are missing. The greatest reward is the personal satisfaction, but you will also make a lot of valuable contacts.

**Do Your Homework.** Whether it's a proposal to a major client or a meeting with the Shop Steward of a union, you will do better if you are prepared. Collect the facts, think the problem through, talk to the others involved. Take the time to do the "up-front" work and the "downstream" work will be easier and more rewarding.

**It's not how hard you work, it's what you get done.** Anybody can work hard, and most people do. The really successful people focus on accomplishing results not on effort expended.

**Learn from the mistakes of others.** You can't live long enough to make them all yourself.

**Focus your energies.** There are a lot of demands on your time, but your time and energy are limited. Focus on what is important to you and do that first. It is better to do a few key things well than to do lots of things, but none of them well.



**Work On Your Weaknesses First.** In any position or job you find yourself, there will be things you do well, some you do okay, and some you don't do so well. To improve yourself, and increase your value, work first to improve in those areas that are your weakest.

**Dare to Dream.** You can't move forward if you are always looking back. You can't find new solutions if you believe 'it can't be done'. Have the courage of your convictions and go after it.

**Don't Limit Yourself.** The difference between leaders and managers is that leaders do not set limits on themselves. There are enough people trying to limit what you can do. Don't be one of them.

**Anyone can steer the ship in calm waters.** What will set you apart in your career is how you perform during the tough times. Don't become complacent and relax just because things are going well. Plan ahead for the down-turn.

**You have to make a difference.** The group you manage has to be more effective, more productive with you there than they would be if you were not. If they are as productive without you, there is no business sense in keeping you on the payroll.



## Chair's Corner

### Dear ASME-Central Oklahoma Section Members:

Our November meeting will be held on the 5<sup>th</sup> Thursday of this month, November 29<sup>th</sup> at Oklahoma State University. This will be a great opportunity for our members in Stillwater, Ponca City, Perry and other areas in the northern part of our Section. Dr. Raymond L. Huhnke, P.E., OSU Professor and Associate Director of the Sun Grant Initiative, will present: "Adding a Little Green to Oklahoma's Energy Portfolio". My thanks to Dr. Rick Beier, OSU-MET Faculty Advisor, for working with both OSU Student Sections to set up this meeting.


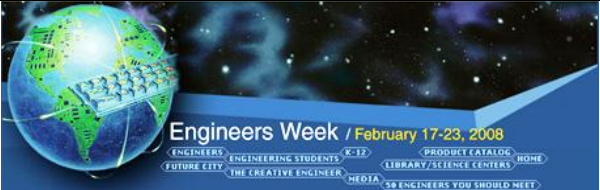
Our October Section meeting with Dr. Sam Zamrik, ASME President, was well attended. Dr. Zamrik's presentation featured ASME and how it can help prepare Mechanical Engineering students and young career engineers to become more effective. The next morning Dr. Zamrik spoke at our Industry Breakfast on the subject of how ASME benefits engineering employers. I would like to thank Cameron Compression Systems and Western Farmers Electric for their attendance at this meeting. And thanks to Albert Janco, Programs Vice-Chair, for planning these events. Thanks also to Curtis Vickery for preparing and mailing the Industry Breakfast invitations.

Marshall Warren, Oklahoma Christian University (OC) ASME Student Section Chair, attended our Executive Committee meeting on November 1<sup>st</sup>. OC has a growing Mechanical Engineering department and has around 50 freshmen this year. They are planning an Engineering Mission outreach program next year to South America. I will be the speaker at their next meeting on November 15<sup>th</sup>.

Future meetings are the January joint meeting with AIAA and the Engineer's Week in February (see calendar below). Please support ASME by attending our meetings and, if you have some spare time, we could use help with our student sections and K-12 science and engineering awareness programs such as MATHCOUNTS and Future City. Case in point, last week the *Daily Oklahoman* featured an article entitled: "Can Aerospace Industry Eliminate Brain-Drain?" Here, Ms. Jari Askins, our Lt. Governor, stated "It's essential to get students interested earlier in science, math, engineering, and technology – areas of study necessary in the aerospace industry. We can't wait until the high school level or the college level to get their attention because they've got to have strong basics."

**Stan Wells, Chair**

### Future ASME-Central Oklahoma Section Events

Date	Location	Program Topic and Speaker
Nov. 29, 2007 (Thursday)	Petroleum Building OSU Northwest Campus Stillwater, OK	November/December Section Meeting: Dr. Raymond L. Huhnke, P.E., Professor, OSU School of Biosystems Engineering. Topic: Put this on your personal calendar!
Jan. 24, 2008 (Thursday)	Oklahoma Engineering Center, 201 NE 27 <sup>th</sup> St., OKC	Joint Meeting with Oklahoma AIAA Chapter. Speaker TBD
February 2008	Central, SE, & SW Okla. Regions Feb. 9 NW Okla. Region Feb. 16	 Regional MATHCOUNTS Competitions – Volunteers Needed!
Feb. 17 - 23, 2008	National Engineers Week. Local Events include: Engineering Fair Feb. 19, Joint Engineering Societies Banquet Feb. 21	

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