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June 2007 Newsletter

Message from the Chair

I would like to congratulate and welcome **Robert Bowman, P.E**, **Matthew Walker**, and **Matthew G. Dick** to the ASME Nebraska Section Executive Committee. Thank you for accepting a leadership role in our professional society. You will be interacting with the members and the community on a very meaningful level. I believe it will be a rewarding experience and a win-win association.

The executive board has developed a tentative schedule of tours, socials and PD courses for the next program year. The schedule is listed below. The PE refresher course is again planned and will be managed by Frank Pruitt Frank.Pruitt@ue-corp.com.

Our good industrial supporter OPPD has two mechanical engineering positions in their Nebraska City facility. The position descriptions as well as contract information and instruction are included in this newsletter.

The **Career Education Coordinator for the Papillion La Vista School, Jean Daly Brown** JBROWN@paplv.esu3.org , is looking to recruit mechanical engineering mentors for robotics building teams. The teams will compete in For Inspiration and Recognition of Science and Technology (**FIRST**) challenges. See the web site for a full description of the <http://www.usfirst.org/> . The school district has participated in the FIRST competitions in the past. Papillion-La Vista Schools was the first, FIRST Robotics team from Nebraska---the organization offers several levels of competition—including an elementary, middle school and another high school competition called FIRST VEX---several other Metro area school have been involved in VEX—but not the highest level of FIRST Robotics.

Time line for the FIRST Robotics team includes one after school / evening a week during 1st semester, and then a intense 6 week starting in January for the build. Then competition in Kansas City early to mid-March with nationals in April. Since many engineering and science disciplines are involved, the first semester involvement may only be a couple of nights a month. It may be a big commitment of time but I'm sure the rewards are huge.

If you have any questions or comments from your committee please do not hesitate to email Jean Daly Brown JBROWN@paplv.esu3.org .

Allan Koeing, P.E. attended the Dort Senior Design Presentations on April 25th, 2007. He has provided a short review of the projects and includes a few pictures. We appreciate Mr. Koeing's attendance on behalf of ASME Nebraska Section.

Respectfully,

Susan Randall

May Meeting Recap

The Power Drive Championship held at the Mid America Motorplex near Glenwood, Iowa was scarcely attended by ASME members. But I couldn't blame a sole for not venturing out, it was the weekend it rain 17 inches in the Omaha area. The folks who did come seemed to thoroughly enjoy themselves. Hopes are high that this event will become an annual event.

Dordt College News

The Dordt College ASME Student Chapter co-hosted the Dordt Engineering Senior Design Project Presentations on Wednesday, April 25. Six senior projects were presented that evening which included; a camera dolly designed to be more lightweight and portable than their current model; a clock tower that incorporated synchronized faces, a sun dial and a sun calendar for use as focal point when entering the campus; a comprehensive energy study of the city and college's jointly run pool/ice rink/recreation center; a seat suspension system for heavy construction equipment; a one person electric commuter vehicle; and a renewable energy project. All of the projects were very well presented and very practical. The event was attended by approximately 250 students and family members; an impressive show of support for a college with an overall student population of about 1200.



ASME Supporting Local Industry

Our good industrial supporter OPPD is interested in hiring mechanical engineers for their Nebraska City facilities. They have provided the following job descriptions:

Omaha Public Power District
444 South 16th Street Mall
Omaha, Nebraska 68102-2247

Job Title: Senior Production Engineer
Location: Nebraska City, Nebraska
Reference: 291650 and 291514

Provide technical support to department personnel to maintain and/or improve operating efficiency and reliability of power plants or provide design and technical review services in order to ensure economical and technically sound operation and practices at the Nebraska City Station. The incumbent must have a degree in engineering and extensive knowledge in engineering, power plant operation and maintenance, design engineering, and project management. Professional engineering registration is required. This individual must be able to perform highly creative and analytical thinking for extremely complex problems and must be able to communicate results to others who through their background may have widely different technical capabilities. A valid driver's license is required.

Job Title: Production Engineer
Location: Nebraska City, Nebraska
Reference: 291491

Provide technical assistance to department personnel to maintain and/or improve operating efficiency and reliability of power plants or provide design and technical review services in order to ensure economical and technically sound operation and practices in the fossil generating facilities. The incumbent must have a degree in engineering and extensive knowledge in engineering, power plant operation and maintenance, design engineering, and project management. This individual must be able to perform highly creative and analytical thinking for extremely complex problems and must be able to communicate results to others who through their background may have widely different technical capabilities. A valid driver's license is required.

To apply go to our website at www.oppd.com. If you have questions, please contact our Employment Office at 402-636-3059.

ASME Nebraska Section Tentative Schedule 2007-2008 Program Year

Month	Coordinator(s)	Event
Sept.	David Miller	Tour: Lincoln-area (UNL Tractor Lab / LES / X-Mark)
	Frank Pruitt	PE Refresher Course
Oct.	Dave Stransky	Tour: Great Dane
Nov.	Gary Ruhl	PD Course*
	Matt Dick	Tour: RSI
Dec.	Bill Redinger	Mahoney Christmas Play
Jan.	Mark Loscutoff	Speaker / Social event
Feb.	Bill Redinger	Luncheon: ASHRAE joint meeting
	---	E-Week Banquet
Mar.	Dave Miller	PD Course*
Apr.	Matt Walker	Tour: Case New Holland
May	Bill Redinger Bob Bowman	Tour: OPPD Neb. City 2 (or) MUD treatment facility
June	---	NSPE Golf Outing
	Dave Miller Bill Redinger	OPPD Power Drive Competition