



Kansas Professional Engineer

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FOR DETAILS ON THE
FALL PROFESSIONAL
DEVELOPMENT
CONFERENCE.**

KU Engineering Opens Eaton Hall

Eaton Hall opened to students, faculty and staff of the University of Kansas School of Engineering with the start of classes this fall. A dedication ceremony is scheduled for October 17.

The 80,000 square-foot facility is named for Robert Eaton, a 1963 mechanical engineering alumnus and Arkansas City, Kan., native who served as chairman of Chrysler Corp. and chairman of the board of DaimlerChrysler. In late June, Eaton pledged \$5 million to the KU Endowment Association for the construction project.

"This new building, which was entirely funded through private gifts, brings together the school's programs and will foster more collaborative and interdisciplinary efforts," said Stuart R. Bell, engineering dean. "We're thrilled that Bob has helped us create an outstanding modern facility for our students and faculty members. This impressive gift builds upon vital state support for our school to establish an exceptional environment for learning and research."

The structure consolidates all engineering academic programs — including the Department of Electrical Engineering and Computer Science — into the engineering complex. The \$15 million project includes the Spahr Engineering Classroom, a 230-seat multimedia classroom funded by Charlie Spahr, a 1934 Civil Engineering alumnus and retired chief executive of Standard Oil Company of Ohio. The building also features several state-of-the-art instructional and computer laboratories, an atrium, and a computing commons for use by all engineer-



ing students. New office space was created for the Engineering Career Services Center and the school's administrative offices as well as for the faculty and staff of the EECS department, many of whom had been located far from the main engineering building, Learned Hall.

Eaton Hall, the new focal point of KU Engineering, is located at the corner of Naismith Drive and 15th Street in Lawrence. The school has an enrollment of more than 2,200 undergraduate and graduate students. The school offers bachelor's degrees in 10 disciplines and graduate degrees in 15 fields. Approximately 100 faculty and 50 staff work together to provide an educational environment that is structured to enhance student learning and faculty research.

Eaton Hall was designed by Gould Evans Associates. Ferrell Construction of Topeka was the general contractor.

More information about the building can be found at www.engr.ku.edu.

President's Message: Around the Horn

By: Rick D. Ensz, P.E.

Several KSPE leaders and our executive director had a great time in Bismarck, North Dakota September 11th and 12th at the **NSPE North Central Regional Conference**. Our very own Larry Emig, P.E., Vice Chairman of the region, led us during two days of interesting discussion. In addition, NSPE president-elect, Bobby Price, P.E., served as master of ceremonies as we all participated in the NSPE Pursuit Game.

On the second day, we received four professional development hours on *Managing Sustainable Change with Emotional Intelligence*. Kansas was well represented by Dan Miller (NC Region PEG Vice Chairman) and Jay Freund (KSPE Past President) in attendance in addition to Larry, Ron and myself.

Chapters prepare yourselves now. A new and improved version of the NSPE Pursuit Game was developed by the Kansas contingent to the North Central Regional Conference. Out of our efforts comes the **all-new KSPE Pursuit Game**. Ron and I are bringing the KSPE Pursuit Game to your Chapter meeting this year to expose everyone to more about what's going on with KSPE and NSPE. No more boring speeches from the President and Executive Director. Instead, an interactive program that's fun and entertaining. I do have a traditional PowerPoint presentation to share if anyone wants the president to earn his meal! Ron and I already met with the Smoky Valley chapter and look forward to visiting with you. No fair calling the Salina folks looking for answers!

Grab your calendar and put a circle around Friday, November 7th. This is the date of our **Fall Professional Development Conference** in Wichita. No longer called the Leadership

Conference (because all members and non-members are encouraged to attend), this program will help us to better prepare for, meet, and manage change in our personal lives and workplaces. The conference committee is currently confirming speakers and putting the final details to this new member benefit. Extend an invitation to your co-workers and engineering friends, whether they are members of KSPE or not, to attend this conference.

As engineers, we are interested in numbers and ratios right? Look for the registration materials coming soon and figure the PDH value to registration cost ratio. It's a no brainer. You should plan to attend!

Special Offer Time! Any new member who joins KSPE between now and the conference will receive FREE registration to the Fall Conference. Now's the time to invite your friends and associates to join KSPE. Free is a pretty good price.

Ron and I recently attended the annual joint breakfast meeting of KSPE Eastern Chapter and MSPE Western Chapter members that honored **NSPE President Terri Helmlinger PE, F.NSPE**. Terri was in town at the invitation of the two chapters and toured various engineering companies and promoted the Enterprise Membership Program. Terri then spoke at the evening joint chapter meeting.

On October 10, NSPE and its partners will recognize **Put the Brakes on Fatalities Day**, a program aimed at reducing highway fatalities by increasing awareness about roadway improvements and promoting safe driver behavior. As many of you know, PTBOFD was the idea of Larry Emig. His passion for this program is evident by the very short

time frame it took to sell PTBOFD as a nation-wide program. This year Wal-Mart is a special sponsor to the Kansas program, offering bikes as prizes for the regional poster contest for kids. We appreciate their participation very much. Look for local program activities in each of the six KDOT districts as we strive to eliminate fatalities on our state's highways.

Jack Hinton, PE has agreed to chair the **Engineers Foundation of Kansas (EFK) Strategic Planning Task Force**. Jack and I recently had a great dialogue about the need for a clear vision for the Foundation. He agreed and enthusiastically volunteered his time to chair the task force. Thank you Jack. Many of you know Jack is a former NSPE President and brings a wealth of "what others are doing" information to the table. Later this administrative year, we plan to discuss the task force's recommendations with the EFK Board and share our efforts will our entire membership.

We recently hosted our **4th Annual EFK Golf Tournament Fundraiser** at Colbert Hills in Manhattan. We were able to present \$2,500 checks each to KU, KSU, and WSU. Receiving the checks were Associate Dean Glen Marotz (KU), Assistant Dean Tom Roberts (KSU), and Larry Hole, who received the check on behalf of WSU. The money is given to the deans for their use in promoting professional development, licensure and ethics.

Please give me a call or e-mail me if you have questions or comments regarding KSPE. My contact information is on our KSPE website at www.kansasengineer.org.

Rick

Foundation Supports Higher Education

Brilliant blue skies and calm winds accompanied 96 golfers at the 4th Annual Engineers Foundation of Kansas (EFK) Golf Fundraiser held at Colbert Hills on Friday, September 19. For the third year in a row, EFK President Rick Ensz distributed \$2500 checks to representatives of each of the three Kansas engineering colleges to support professional development and ethics of engineering students and faculty.

"These funds are extremely valuable to our schools," noted Dr. Tom Roberts of KSU. "As revenue from our endowment and contributions has declined, the commitment of the Foundation to make discretionary dollars available to the Deans for student programs is increasingly important. I'd like to thank all of the sponsors on behalf of all three schools."

Please thank the following firms for their sponsorship of the 2003 EFK Fundraiser:

Lunch Sponsor

Kansas Gas Service

\$1,000 Hole Sponsors

Baughman Company
 Bucher, Willis & Ratliff Corporation
 George Butler Associates, Engineers & Architects
 HNTB Corporation
 HWS Consulting Group, Inc.
 MKEC Engineering Consultants, Inc.
 Professional Engineering Consultants, P.A.
 Terracon
 Wildcat Construction Company, Inc.
 Wilson & Company Engineers & Architects

\$500 Half Hole Sponsors

Gaches, Braden, Barbee & Assoc.
 Iowa Concrete Products Company

\$500 Half Hole Sponsors (cont.)

McPherson Concrete Products
 URS Corporation

Gift Bag Items

Contech
 Kansas Asphalt Pavers Association
 Kansas Gas Service
 URS Corporation

EFK Tournament Winners

Closest to the pin #8

Greg Miles

Longest putt #9

Howard Ricketts

Longest drive #16

Jeff Hunt

Closest to the pin #17

Keith Beatty

First Flight

1st Place

Austin Gottlob
 Brent Wooten
 Frank Sauerwein
 Tylan Dyer

2nd Place

Garry Olson
 Jack Messer
 Jerry Petty
 Karlton Place

3rd Place

Steve Rowland
 Mac Andrews
 Danny Hett
 Rob Lauer

Second Flight

1st Place

Don Turek
 Khalil Jaber
 Tim Miles
 Troy Eisenbraun



Left to Right: Rick Ensz, P.E., EFK President; Larry Hole, P.E., on behalf of WSU; Assistant Dean Tom Roberts, P.E., KSU; and Associate Dean Glen Marotz, KU.

2nd Place

David Spears
 Jeff Hunt
 Mel Chapman
 Mike Lindeback

3rd Place

Bob Hall
 George Barbee
 Hal Munger
 Rob Mahan

Third Flight

1st Place

Ben Lawrence
 David Stremming
 Jay Freund
 Mike Thompson

2nd Place

Chris Bohm
 Eric Beiermann
 Eric Glover
 Ken Lee

3rd Place

Cris Chaney
 James Bloomer
 Rick Bloomer
 Steve Johnson

WISE Internships

By: Julie Quackenbush, Kansas State University

When I began college as an engineering major at Kansas State University, I just did not know enough about the field to choose a discipline immediately. That same year, I began interning with the Student Senate. Participating in such a well-developed, active, and respected student-elected government group has increased my understanding and awareness of campus-, city-, and state-level activities and issues. It has also instilled in me a fascination with politics. Engineers, in particular, have a duty to both understand and contribute to the political process. It was not until this summer, however, that I really understood how engineering and public policy intersect.

This past summer, I was extremely lucky to join eleven other students, eight of which were female, the first time WISE since its conception in 1980, has been predominantly female, for a ten-week introduction to technological public policy. Different engineering professional societies sponsored each intern to witness how government officials make and execute decisions on public policy and how engineers can contribute to such decision-making processes.

During the course of the program, the WISE interns visited representatives from almost twenty different congressional, agency-level, and independent public interest groups. During the first part of the summer, we focused on nuclear power is-

ssues, ranging from work force sustention to spent fuel disposal, and tracked nuclear related policy issues through all different levels. Our activities included the Nuclear Regulatory Commission, the National Academy of Engineering, and the House Science Committee; sitting in on discussions with U.S. Department of Commerce and U.S. Department of State representatives, and a visit to the National Institute of Standards and Technology, where we were shown pieces of the World Trade Towers.

In addition to WISE program activities, each intern was required to write a paper concerning the relationship between technology/engineering and public policy of interest to his or her sponsoring professional society. I was sponsored by the National Society of Professional Engineers. My appointed mentor and I chose the topic of homeland security. By the end of my internship, I produced a sixty-page paper outlining the current involvement of engineers and engineering professional societies in critical infrastructure protection measures initiated after September 11, 2001. Throughout the research process, I communicated with, among others, state society of professional engineers' presidents, and



the president and C.E.O. of Advancing National Strategies and Enabling Results, Dr. Ruth David, and three different people working with the Army Corps of Engineers.

These personal contacts not only helped me to write my paper but also gave me a first-hand view of a variety of career paths in public service. Rather than helping me to narrow my focus and find a career within Industrial Engineering, my summer experience exposed me to a whole new, broader set of choices.

Among the many beneficial experiences I had interning with the WISE program was spending the summer with eleven other engineering students. My fellow interns filled me with excitement and motivation. Listening to them present on all sorts of cutting-edge topics broadened my engineering aptitude as well as my understanding of the profession. My internship, thanks to WISE and NSPE, taught me about a vast variety of professional options that could allow me to combine engineering and public service.

For more information about the WISE program, you may visit their website at: www.wise-intern.org.

Mulinazzi Named Chair of KU Department



Professor Tom Mulinazzi, member of the Topeka KSPE chapter, has been named chairman of the Department of

Civil, Environmental and Architectural Engineering at the University of Kansas, Stuart R. Bell, dean of the KU School of Engineering recently announced.

"It gives me great pleasure to announce the appointment of Dr. Tom

Mulinazzi as the chair of the CEAE department," Bell said. "Tom brings such enthusiasm to every aspect of his position. It's exciting to have him step forward at this significant time for the school."

Mulinazzi joined the department in 1979. He achieved the rank of full professor in 1984 and served as associate chairman of the department from 1985 to 1987. Mulinazzi has served the School of Engineering as associate dean on two occasions: from 1987 to 1990 and then again from 1992 to 2001.

Mulinazzi is involved in a wide variety of activities at the university, school and department levels. He is active in a number of professional organizations including the KSPE, the American Society of Civil Engineers and the American Society for Engineering Education. He earned his bachelor's degree in civil engineering from Notre Dame in 1964. He earned his master's and doctoral degrees in transportation engineering from Purdue University in 1966 and 1973, respectively.

Wichita Kicks Offs Fall Professional Development Conference

Working harder and enjoying it less? Wondering how to prepare for uncertainty in the job market? Planning to hire a new engineer but don't know how to find the top candidates? Wondering how others get ahead and you are stuck in the same old job?

Answers to these and many other questions confronting hard working Professional Engineers and their employers will be addressed at the first KSPE Fall Professional Development Conference "Engineering Your Future."

Mark your calendars for Friday, November 7th from 8:30 a.m. to 4:30 p.m. at the Farm Credit Bureau Building, 245 N. Waco.

Confirmed speakers include Margaret Goger, of Prairie View Mental Health Center, who will speak on maintaining personal performance while balancing work and family stress; Teri Hodges, an HR specialist in recruiting engineering professionals; a power-broker filled panel on networking as a means to personal career development; and much more.

Registration forms will be emailed to all KSPE members shortly and will also be available soon on the KSPE website at www.kansasengineer.org.

Cost:
KSPE Licensed Members - \$75
Non-member Engineers - \$100
All Engineer Interns - \$50

Special Offer: Become a new KSPE member by November 6 and receive **FREE** conference registration.