

Awards and Recognitions

Congratulations to these SWE members who are achieving great things at the International level!

- **Deborah J. O'Bannon, P.E., Ph.D., F.SWE, F.ASCE, University of Missouri – Kansas City**

SWE Distinguished Engineering Educator (DEE) Award, which is presented to an individual who has made significant contributions to the engineering profession through education.

- **Jenna Harpole, John Deere**

SWE Distinguished New Engineer (DNE) Award – Honors women engineers who have been actively engaged in engineering in the first 10 years of their careers.

Job Opportunity

Reliability Engineer

Reporting to the Manager of Compression West, this position is responsible for providing engineering support to field teams, engineering department, construction, and management to ensure the safety and reliability of compression facilities and prime movers; and for providing support for the proper design, construction, operation, and maintenance of mechanical systems for compressor stations and related facilities.

This position is located in Maitland, Missouri and will primarily provide support to the ANR Pipeline system south west main line (SWML) from the Oklahoma/Texas panhandle area to northern Illinois. Alternate facility locations central to the SWML could be considered for the home location. There are 14 compression stations within this pipeline segment. A variety of reciprocating integral engine/compressor units are installed at these facilities along with a few turbine driven centrifugal units. The successful candidate must have in-depth knowledge of the installed equipment. The position provides support to all mechanical equipment in the compressor station. On occasion the position may also be required to provide support at other locations on other pipeline systems owned by TransCanada including the nearby Northern Borders system.

Qualifications/Education Required:

- BS or advanced degree in mechanical engineering with 6+ years industry experience preferred
- In-depth knowledge of reciprocating and turbine drive compressor units

- Ability and initiative to work independently, display creativity, and exercise sound judgment
- Have previously demonstrated a focus on safety
- Recognized in the company as a technical leader in the mechanical field
- Demonstrated superior organizational skills and proven ability to manage projects
- Must possess effective analytical skills
- Must possess human relations skills to effectively operate in a team-oriented environment with a willingness to support team objectives
- Excellent verbal and written communication skills to work closely with field teams and Management, and coordinate work with other appropriate technical resources
- Ability to effectively interact with all levels of the organization
- Must be able to handle rapidly shifting priorities and multiple projects concurrently, requiring resolution of complex problems in stressful situations
- Subject to hazardous conditions including escaping gas, adverse weather, heights, lifting, and cramped conditions
- Subject to callout 24/7, and extended workdays/work weeks with considerable travel often requiring overnight stays
- Hold and maintain a valid driver's license

Applicants are required to apply online directly to the opening.

<https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=31042&company=TransCanada&userName=>

Outreach Opportunities

Awesome Ambitions is a mentoring and college-readiness program for 8th through 12th grade girls. Terracon is sponsoring a STEM event for them on Saturday, September 23 from 1030-200 and they are in need of STEM women mentors/facilitators and have reached out to SWE-KC to see if we could help.

Activities will be at Union Station and include the following:

10:15 - 10:30 – Facilitators/mentors arrive

10:45 – Welcome and intro to STEM careers

11:30 – Watch the film Dream Big in the IMAX theater

12:15 – 12:30 – Movie ends and grab boxed lunches

12:30 – 1:30 – Break-out sessions with STEM facilitators/mentors.

If interested in volunteering contact

Ozzy.Bravo@terracon.com and Vanessa.Zambo@terracon.com

Blue Valley School District’s high school robotics team will be hosting an annual scrimmage on October 7, 2017 at the Blue Valley CAPS facility in order to support local elementary and middle school robotics teams (FIRST Lego League). The school is scheduling a competition for them to compete in that will inspire them to pursue education in science and technology through something as simple as everyday Legos.

A special focus is to retain female involvement in engineering from a young age. At the scrimmage they will be hosting a special ladies luncheon that they have dubbed “FIRST Lego League Ladies’ Luncheon”. At the luncheon, the females on the team are going to give advice to these girls in their pursuit of science, technology, engineering and math education, as well as give them a STEM activity. As part of FLLLL, we would like for a woman in STEM to give a 15-20 minute speech to the children about how awesome STEM is, and why they should pursue their dreams in STEM.

If you have any questions, or would like to give a speech, please swiftly reply to us. If you decide to give the speech, please give us a bit of background information on your career in STEM.

Contact

Animesh Shrouti and Nathan Preuss

Metal Mustang Robotics

Blue Valley CAPS

7501 W 149th Terrace, Overland Park, KS 66223

capsflrumbler@gmail.com

Betsy Thurlo leads a girl scout troop of 3rd graders that meets near Park Hill school in north KC. She is trying to find ideas of a workshop or someone who would potentially come to our meeting to talk about computer career options or other computer information in conjunction with our Computer Expert badge.

If you have any ideas or are interested please contact Betsy Thurlo at thethurlos@gmail.com.

My name is Gary Pierson and I teach Project Lead the Way (Engineering) classes at Liberty High School. I'm going to start a SWENext Chapter here at LHS and am looking for a current SWE member who might be interested in helping out with the club. Getting young women to join and remain in my engineering classes has been a struggle over the years, so I'm looking for ways to help them stay connected. Unfortunately, we will be meeting on Wednesdays during the day (12:45-1:15) but we have teleconferencing capabilities and could likely schedule meetings after school.

If Interested contact Gary Pierson at gpierson@liberty.k12.mo.us

Networking Opportunities

Please join SHPE-KC as we host a talk by Kansas City's own Cici Rojas.

[CiCi Rojas](#)' résumé includes stints leading business organizations, including being president of Hispanic chambers of commerce in Kansas City and a vice president with the U.S. Hispanic Chamber of Commerce.

Come and learn from this KC "Power 100" leader. There will be Q&A after the talk (as well as light refreshments).

[RSVP here](#)

See you there!

Questions or comments?

Contact Valeria Hernandez

vahernandez@burnsmcd.com

[\(678\) 641-4522](tel:(678)641-4522)

Cara Quinlan works with the Human Factors and Ergonomics Society, and their 2017 Annual Meeting is being held October 9-13 in Austin. There's a good deal of program content that may be of interest to local chapter members.

The brochure is attached for your convenience, and you can read more about the conference at

<https://www.hfes.org/Web/HFESMeetings/2017annualmeeting.html>.