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Upcoming ASCE Events

- February 9  
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 E-Week Joint Society Luncheon
- February 25  
 SEAKM/SEI Seminar
- February 26  
 6<sup>th</sup> Annual Trivia Night



2016 Engineers' Week Joint Society

# LUNCHEON



# Innovation & Design

## Every Detail Matters

## February 23, 2016

Clayton Plaza Hotel  
 7750 Carondelet Ave  
 Clayton, MO 63105

### \$40 Tickets

### \$400 Table

### \$250 Sponsor

11:15 Registration

Noon Lunch

12:30 Keynote Address



**Bryce G. Rutter Ph.D.**  
 Founder & CEO  
 Metaphase Design Group, Inc.

Dr. Rutter is a renowned specialist in ergonomic product design and the leading-worldwide expert in the design of handheld products. His company, Metaphase, continues to define new product categories, rejuvenate sleepy brands and develop breathtaking design innovations for several of the world's most prestigious and influential brands and scorching start-ups. Dr. Rutter has received more than 75 international design excellence awards and has been profiled and interviewed by major media including the Wall Street Journal, CNN, and Businessweek.

### Visit [Eventbrite.com](http://Eventbrite.com) to make reservations



Group Reservations/Tables of 10 will be recognized during the event  
 Complimentary Parking in the 7777 Bonhomme Garage (Cross over to Hotel from Orange Level)  
 PAID reservations are required by February 16, 2016 • Advanced Reservations only - No Walk-ins  
 All Proceeds Benefit the Engineering Foundation of St. Louis

## Officers & Directors 2015 - 2016

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### Director of Administration

John Weiland

### Director of Technical Development

Jordan Pettibone

### Director of Professional Development

Alison Graves

### Past President

Shawna Erter



## President's Message

*Michael Buechter*

As I wrote last month we were in the middle of a prolonged heavy rainfall event. The event ran from the 26th to 28th of December, with the heaviest rainfall covering a 50 to 75 mile wide swath including the Greater St. Louis Metropolitan Area. The following records were broken during this event:

- Wettest year on Record 61.24" (Old Record 57.96" in 2008)
- Wettest December on Record 11.74" (Old Record 7.82" in 1982)
- December 26th Record Rainfall of 4.87"
- December 26th Record Rainfall of 4.87" set Daily Rainfall Record for December
- December 26th Record Rainfall was 3rd Wettest Day Ever Recorded in St. Louis
- December 28th Record Rainfall of 2.59"

The heavy rainfall led to widespread flooding and historic river levels along the Bourbeuse and Meramec Rivers. This flooding resulted in extensive damage, disruption and eliminated possible commutes causing loss of work for many. The flood clean-up and fall-out continue throughout much of the area, but at least for the time being many people are thinking about our infrastructure and its importance.

With National Engineers Week, or EWeek (February 21-27, 2016), fast approaching this emphasis on infrastructure seems, while perhaps unfortunate, timely. In the United States, the celebration of EWeek started in 1951 by the National Society of Professional Engineers (NSPE) in conjunction with President George Washington's Birthday. President Washington is considered as the nation's first engineer, notably for his survey work. The purpose of EWeek is to call attention to the contributions to society that engineers make. It is also a time for engineers to emphasize the importance of learning math, science, and technical skills. If you wish to learn more about NSPE's role in EWeek please visit, <http://www.nspe.org/resources/partners-and-state-societies/national-engineers-week>.

Locally, we have several events to celebrate: a joint society luncheon, a meeting at the Rotary Club, Introduce a Girl to Engineering Day, and displays at the Science Center. On February 24th, the 2016 Discovery Fair will be held at The Engineering Center of St. Louis ([http://www.engineersclub.net/newsletters/January\\_16/Discovery%20Fair.pdf](http://www.engineersclub.net/newsletters/January_16/Discovery%20Fair.pdf)). So I encourage you to take a minute to celebrate your profession and for the young people in your life to emphasize the importance of learning math, science and technical skills. Who knows maybe you will light a spark in the next George, or Martha, Washington!

If you have any questions about anything related to EWeek or wish to become more active in ASCE please call or email me, Michael T. Buechter at 314-768-2772 or mtbuec@stlmsd.com. Also do not forget our very own Younger Member Group's 6th Annual Trivia Night on February 26th. It promises to be an evening of games, fun and prizes and I am told no engineering questions.

Happy EWeek!

Michael T. Buechter, PE

## ASCE STL Committee Chair Openings

ASCE St. Louis Section is seeking dedicated members to open chair committees as briefly described below, with the opportunity that the incoming chair will “make it their own.” The respective director will provide support, including society guidelines, resources, and past-chair contact information.

### **ASCE St. Louis Section Department of Technical Development Openings.**

**Construction Committee** – The goal of the Construction Committee is to provide opportunities for members to enhance their technical skills, become informed about products and methods in the construction industry, and to network with others having like interests. This is a great opportunity to market ASCE to CEs who work in the construction industry.

Please contact Jordan Pettibone ([jepettibone.asce@gmail.com](mailto:jepettibone.asce@gmail.com)) to further discuss the details

### **ASCE St. Louis Section Department of Administration Openings.**

**Annual Dinner Committee** – The Committee will be responsible for arranging the Annual Dinner held in mid-September on a Friday or Saturday evening. Responsibilities also include coordinating all arrangements for the event including submitting a budget, identifying event venue and menu options, arranging for contracting with and payment to vendors, arranging the event program, and other related activities.

**Membership Champion** - The Membership Champion be responsible for promoting membership in ASCE of all qualified civil engineers, and to encourage active membership in the local section by all ASCE members in the area. Responsibilities also include outreach to non-member civil engineers in the area, inviting them to Section meetings, and encouraging them to join and become active in ASCE.

**Public Information Coordinator** – The Coordinator will be responsible for increasing public awareness of ASCE and civil engineering within the local community and to gain recognition of the Section within the Society. The Coordinator will organize press releases to local publications regarding special activities and local and national awards, as well as articles to highlight Section activities for ASCE publications.

Please contact John Weiland ([jweiland@wadetrim.com](mailto:jweiland@wadetrim.com)) to further discuss the details of operating one of our Administrative committees.

### **ASCE St. Louis Section Department of Professional Development Openings.**

**Career Guidance Committee** – The Committee will be responsible for outreach and information to elementary, middle school, and high school students regarding civil engineering. This information includes what how to become a civil engineer, and how civil engineers improve the quality of life for all citizens. Activities include classroom presentations, participation at career fairs, Engineers’ Week Science Center Display, and other STEM-outreach activities.

**Continuing Education/Attendance Committee** – The Committee will be responsible for greeting members and guests at general membership meetings, collecting event fees, documenting attendance, providing PDH certificates to attendees as appropriate, and notifying the president of any unanticipated dignitaries at the events.

**Younger Members Committee** – The Committee provides opportunities for associate members (under the age of 35) of the Section to actively participate in the Section and express their views. Activities include hosting the May membership meeting, holding a Trivia Night or other annual fundraiser, participating in the Engineers’ Week event at the Science Center, updating Section Traveling Display Board, organizing social events for younger members, among other activities.

**Program Committee** – The Committee selects program topics of interest and arranges guest speakers for the Monthly Membership Meetings, providing opportunities for PDHs to be awarded to attendees. The Committee is also responsible for all aspects of hosting the annual Holiday Social, including arranging the venue, menu, price, and event advertisement.

Please contact Alison Graves ([alison.graves@jacobs.com](mailto:alison.graves@jacobs.com)) to further discuss the details of operating one of our Professional Development committees.



## Stan Musial Bridge - 2016 OCEA Finalist

Established by ASCE in 1960, the Outstanding Civil Engineering Achievement award has highlighted many of the most important civil engineering contributions of the last half-century. The 2016 group of six OCEA finalists sits comfortably among such select and historic company, and includes St. Louis' own Stan Musial Veterans Memorial Bridge.

The Stan Musial Veterans Memorial Bridge connects Missouri and Illinois over the Mississippi River near St. Louis. It significantly alleviated traffic concerns by pulling one of the three interstate crossings from the Poplar Street Bridge.

It is the first mega-project of its kind to be constructed in phases.

Discussions about the project started all the way back in 1990, with the Missouri and Illinois departments of transportation eventually deciding to break the project down into two major phases due to available funding. The first phase, completed February 2014, was divided into 37 smaller, individual projects to mitigate budget concerns while still meeting existing transportation needs.

ASCE will announce the winning OCEA project at the Outstanding Project And Leaders (OPAL) Awards Gala, March 17, in Arlington, VA. For more information, visit the ASCE News website at: [http://blogs.asce.org/2016-ocea-finalists-demonstrate-excellence-in-form-and-function/?utm\\_campaign=MKT-20160113-OPAL%20Invite%202016&utm\\_medium=email&utm\\_source=Eloqua](http://blogs.asce.org/2016-ocea-finalists-demonstrate-excellence-in-form-and-function/?utm_campaign=MKT-20160113-OPAL%20Invite%202016&utm_medium=email&utm_source=Eloqua)



Stan Musial Veterans Memorial Bridge over the Mississippi River.  
Photo courtesy Cathy Morrison, MoDOT

## ASCE Younger Members

### February YMG Meeting:

Tuesday, February 9, 2016

#### Laurie's Place

228 N. Main St. 62025

6 pm to 8pm

<http://www.lauriesplacebar.com/>

- TRIVIA TRIVIA TRIVIA: February 26, 2016
  - We will be getting the questions finalized by the end of the month.
  - I will be sending out confirmation for the set-up/take down
  - We need to collect raffle prizes. If you know a business that you go to often, ask if they would sponsor a prize.
  - Let Joe know about your tables!
- Mentor Roulette - Details
- Hillsdale Fabricators Tour - RECAP
- I need volunteers for E-Week February 27<sup>th</sup>. I usually do 2-2 hour shifts. We build the cable-stay bridge (I made a new one!). Let me know if you're interested.
- Rebuilding Together is on April 30<sup>st</sup>, 2016.



## EWRI St. Louis News

### EWRI St. Louis Monthly Speaker Series Event

The St. Louis Section of EWRI is pleased to announce our eighth webinar **jointly sponsored by Missouri University of Science and Technology on Thursday, February 18, 2016 at 11:30 am-12:30 pm.**

This presentation will be broadcast live over a webinar. Registration is free for in-person (at USGS in Rolla) or webinar attendance. **Advance registration is required by end of business on Tuesday, February 16, 2016.**

Please register online in advance at the following link: <http://goo.gl/forms/7M1YAbX1T7>



Registrants will receive detailed login & dial-in information or directions for in-person attendance prior to the event.

#### **EWRI February Speaker Series Topic:**

#### **“Basic Soil Health and the Relation to Water Resources”**

*We will use some eye opening soil demonstrations to show how a healthy soil compares to a unhealthy soil. What the differences are and what impacts they have on several ecosystem processes, including erosion, water quality, flooding as well as animal and human health.*

**Speaker: Doug Peterson.** Doug has been an NRCS employee for over 28 years. He started his career as a Soil Scientist. He has been a District Conservationist in both a grassland based county in south Missouri and a large cropland county in north Missouri. Currently he is a Regional Soil Health Specialist teaching NRCS staff and producers around the mid-west about soil health, how it impacts virtually all natural resource processes, and what type of management it will take to effectively improve our soils health and productivity. He attended college at Missouri Western State University graduating in 1986 with a B.S. degree in Agriculture with an emphasis in Economics and Agronomy.

Doug grew up on a crop and livestock farm near Newtown in north Missouri. Today he continues to operate a cow/calf and contract grazing operation with his father, Steve. Currently they run about 350 cows. They utilize Management-intensive Grazing and Holistic High Density Grazing to improve soil health, eliminate the need for most purchased fertilizer and limit hay needs to about one bale per cow per winter.

Doug’s NRCS training coupled with his real world hands on experience make him a unique speaker that is relatable to both agency personnel and producers.

Thank you to our joint seminar sponsor, **Missouri University of Science and Technology!**

*Please contact Terry Entwistle ([terry.entwistle@aecom.com](mailto:terry.entwistle@aecom.com)) or Dr. Robert Holmes ([rbolmes@usgs.gov](mailto:rbolmes@usgs.gov)) with any questions, if you are interested in presenting, or have an idea for a topic.*

Networking Events

Ameren Bilfinger Industrial Services, Inc. Civil & Environmental Consultants, Inc.

Veterans' Administration

Civil & Environmental Consultants, Inc.

Bilfinger Industrial Services, Inc.

Ameren

Metropolitan St. Louis Sewer District (MSD)

Orbital Engineering

Professional Employment Group

Stantec

# CAREER NIGHT

For Engineering and Technical Students seeking full-time employment and internships

## Engineers' Club of St. Louis



Chemical, Civil, Computer, Electrical,

Environmental, Geological, Mechanical, Software

### BRING YOUR RESUMES!

and visit with corporate representatives

Friday, February 5, 2016

3:00 P.M. to 6:00 P.M.

Engineers' Club of St. Louis  
4359 Lindell Boulevard

RSVP: By Jan 29 to Kurt Krispin at (314) 533\_9333 or  
[kurt.krispin@engineersclub.net](mailto:kurt.krispin@engineersclub.net)

Organizations listed are representative of participating companies from previous years.

Washington University

Veterans' Administration

TSI Global

TSI Engineering



## Engineers' Club of St. Louis

Dear Engineering Firm,

The Engineers' Club of St. Louis is hosting a **CAREER FAIR** on Friday, February 5, 2016 from 3:00 pm to 6:00 pm. This event will give your company a chance to meet (and hopefully recruit) some of the fine, young engineering talent from the bi-state engineering schools. Engineering schools that will be invited to participate in this event include:

- Missouri University of Science & Technology
- Saint Louis University
- Southeast Missouri State University
- Southern Illinois University – Carbondale
- Southern Illinois University – Edwardsville
- University of Missouri – Columbia
- Washington University
- UMSL

A table, tablecloth, and two chairs will be provided to each company, in addition to snacks and sodas. The cost for this event is \$75 per table for member firms and \$100 per table for non-member firms. If you're firm is a member of one of our Affiliate Societies, you get the

We look forward to your participation and help in making this another successful Engineers' Club event. Please contact Kurt Krispin at [kurt.krispin@engineersclub.net](mailto:kurt.krispin@engineersclub.net) to guarantee your reserved table by January 22, 2016.

Thank you,

Kurt Krispin  
Manager of Operations  
Engineers' Club of St. Louis  
314-533-9333

# Introduce A Girl To Engineering Day



**Help get girls involved in engineering!**

Is she innovative? Is she curious? Does she like problem solving? Is she imaginative? Does she want to make a difference? If so, then this is the place for her!

- \* **Who:** girls 5<sup>th</sup> – 8<sup>th</sup> grade
- \* **When:** February 20<sup>th</sup>, 2016  
8:30 am – 3:00 pm
- \* **Make-up Date:** March 19<sup>th</sup>, 2016
- \* **Where:** SIUE School of Engineering
- \* **Registration:** \$15 includes activities, lunch, and a t-shirt



**Register at:** <https://sites.google.com/site/swesiue/igeday>

# SIUE

**SIUE Society of Women Engineers**  
SIUE School of Engineering Campus  
Box 1801 Edwardsville, IL 62026  
[swesiue@gmail.com](mailto:swesiue@gmail.com)  
[www.facebook.com/swesiue](http://www.facebook.com/swesiue)





**STRUCTURAL  
ENGINEERING  
INSTITUTE**

**St. Louis Chapter**

## **SEAKM/SEI Seminar – “ACI 318-14 Changes – A Crash Course “**

Date: February 25, 2016 11:30 – 1:00 PM CST (1.5 PDH)

Place: Masonry Institute of St. Louis, 1429 South Big Bend Blvd, Richmond Heights, MO 63117

**OR NEW WEBINAR OPTION!!**

Register: <https://seakm-sei-02-25-16.eventbrite.com> (copy and paste link if event page does not come up)

Cost: \$25 Members (SEAKM or SEI) | \$35 Non-members | \$60 Webinar

Description: Please join Dr. Micah Hale and Mr. Richard Welcher, both from the University of Arkansas, in a 1.5 hour crash course on the new ACI 318-14 code. Topics covered will include:

1. What actual content of the 2014 edition changed versus the 2011 edition;
2. The new organization and how to use the “quick” reference guide;
3. Work a couple design examples comparing the 2011 version and 2014 version (how to navigate in new code);
4. Where did Appendix D go?

Presenters: Dr. Micah Hale is Professor in the Civil Engineering Department at the University of Arkansas. In his research, he focuses on improving the performance of concrete and developing industry standards for new types of concrete. One of his most recent projects involved finding a solution to cracking caused by a process called alkali-silica reaction, which has been compromising parts of Interstate 49 through northwestern Arkansas. Hale received his bachelor's, master's and doctorate degrees from the University of Oklahoma. He has received the George D. Nasser Award from the Precast/Prestressed Concrete Institute, the Charles and Nadine Baum Award for Teaching from the University of Arkansas, and the Outstanding Teacher Award from the Department of Civil Engineering. He is a fellow of the American Concrete Institute, and was selected to participate in the National Academy of Engineering's Frontiers of Engineering Education symposium in 2010.

Mr. Richard Welcher, PE is the Vice President and Chief Operations Office for Tatum-Smith Engineers in Rogers, Arkansas. He is a graduate of the University of Arkansas (B.S. Civil Engineering, 1999; M.S. Civil Engineering, 2003) and has over 17 years of structural, geotechnical and construction project management experience. Richard also serves as Adjunct Instructor of Structural and Geotechnical Engineering at the University of Arkansas, teaching senior level undergraduate and graduate design courses in foundations and structural systems design. He is licensed as a structural engineer in 39 states and is the 2014 recipient of the University of Arkansas College of Engineering Early-Career Distinguished Alumni Award.



**ASCE** AMERICAN SOCIETY  
OF CIVIL ENGINEERS

Younger Member Group Presents

The 6<sup>th</sup> Annual

# trivia night!

@  
The Kirkwood Community Center, East Gym  
111 S. Geyer Road, Kirkwood, MO 63122

Friday **February 26<sup>th</sup>, 2016**  
7pm (Doors at 6:30pm)

**\$150/Table of 8**  
(\$25/person for incomplete tables)

Raffle Prizes  
50/50

Gift Prizes  
Games

BYOB  
Complimentary Soda/Water

**OPEN TO EVERYONE**  
(no engineering questions, we promise!)

RSVP or Questions to: Joe Sturgeon  
314-242-2237  
[wsturgeon@hntb.com](mailto:wsturgeon@hntb.com)

The American Society of Civil Engineers (ASCE) Younger Members group fundraiser proceeds benefit the ASCE Younger Member St. Louis section, and provides the means to help grow our community.

THE ASCE ST. LOUIS SECTION AND EWRI PRESENT

*2016 Environmental & Water Resources Institute Spring Seminar*

# **WATER, WATER, EVERYWHERE**

Join us for an informative ASCE/EWRI-sponsored seminar addressing current and emerging stormwater and wastewater topics in our region. Presentations will include flood risk and mitigation, updates on Missouri stormwater regulations, Mississippi River monitoring initiatives, new effluent limitation guidelines for the power industry, and more.

**Seminar will be held at:**

The Engineer's Club  
4359 Lindell Blvd. – St. Louis Missouri, MO 63108  
Thursday, March 31, 2016

Registration 7:30 AM to 8:30 AM  
Program 8:30 AM to 3:30 PM  
6 PDHs provided  
Continental Breakfast and Lunch included

**Cost:**

\$50 for Members  
\$70 for Non-members  
\$25 for Students

Sponsorships available for \$150

**Online Registration and Sponsorship Commitment available at the link below:**

[Register Here](#)

**Questions?**

Phillip Blonn  
ASCE/EWRI Spring Seminar Committee Chair  
314-335-3049

[Phillip.Blonn@ch2m.com](mailto:Phillip.Blonn@ch2m.com)

2016





## Save the Date

St. Louis Chapter of the Geo-Institute of ASCE  
Presents

### **“Behavior of Two Mats under Heavy Load – Washington Monument and San Jacinto Monument” and Student Projects**

Featuring **Dr. Jean-Louis Briaud**, the Geo-Institute’s Cross USA Lecturer for 2015-2016.

**DATE AND TIME:** Thursday, April 28, 2016 5:00 PM to 8:30PM  
5:00 pm Registration and social hour begins  
5:30 pm Dinner  
6:00 pm Student posters presented  
6:30 pm Program begins  
8:30 pm Closure

**LOCATION:** Engineers Club, 4359 Lindell Blvd. St. Louis, MO 63108

Two PDHs will be awarded. Watch for additional details and registration information soon.

**SPONSORSHIP OPPORTUNITIES ARE AVAILABLE.** If interested, please contact Dennis Boll, (314) 997-7440 or [D\\_Boll@geotechnology.com](mailto:D_Boll@geotechnology.com).

Dr. Jean-Louis Briaud is a professor and holder of the Spencer J. Buchanan Chair in the Zachry Department of Civil Engineering at Texas A&M University. A distinguished member and technical regional director in ASCE, and a registered professional engineer, Briaud received his bachelor’s degree from the Ecole Speciale des Travaux Publics in France in 1972, and his doctorate from the University of Ottawa in Canada in 1979. His expertise is in foundation engineering and more generally geotechnical engineering. He is currently president of the Federation of International Geoengineering Societies. He has served as president of the Association of Geotechnical Engineering Professors in the U.S., the Geo-Institute of the American Society of Civil Engineers and the International Society for Soil Mechanics and Geotechnical Engineering.

Among other awards, he has received the ASCE Ralph B. Peck Award, the Canadian Geotechnical Society Geoffrey Meyerhof Foundation Engineering Award, the American Society for Testing and Materials Hogentogler Award, the ASCE Huber Research Prize and the ASCE Martin Kapp Award. Over the last 35 years, Briaud has conducted about \$10 million of research, most of which was on foundations and retaining walls. He has supervised 50 doctoral students and more than 90 master’s students. He is author of the books “Geotechnical Engineering: Unsaturated and Saturated Soils” and “The Pressuremeter,” and has published about 300 articles and reports in geotechnical engineering.

# Engineering Encounters Bridge Design Contest



## ENGINEERING ENCOUNTERS BRIDGE DESIGN CONTEST

NATIONAL AND LOCAL CONTEST INVITATION

Hosted by the American Society of Civil Engineers—St. Louis Chapter

**Who?** Middle and high school aged students in the Metro St. Louis Region (Illinois included)

**What?** Bridge Design Competition using the Bridge Designer software to compete locally and nationally among peers

**When?** Anytime now through March 25, 2016 (Other dates apply to national contest)

**Prizes?** Yes! \$\$ Prizes for first and second ranked teams placing in the local contest (other prizes available nationally)

### Contest Notable Dates:

- National/Local Contest Registration Begins: **January 11, 2016**
- National Qualifying Round: January 12-May 26, 2016 (Local Contest begins January 12, 2016, you may join at any time until local contest concludes)
- **Local Contest Completion Date: March 25, 2016** (Local contest consists of one round!)
- **Prizes for Local Contest awarded at ASCE Luncheon on April 12, 2016 at the Engineer's Club of St. Louis** (alternate May date available if necessary)
- National Final Round: July 16, 2016; Location to be announced

### Contest How-Tos:

- [Download](#) and install the Bridge Designer 2016 software (free)
- Use the software to design and test a virtual bridge
- [Register](#) your team
- As part of your registration, include the St. Louis Local Code: SLBC
- Log in and submit as many designs as you like!
- View your rank online at the [Local Contest Score Board](#) (updated every 24 hours)

### Prizes

- See the [National Site](#) for prize details at national level! By entering the local contest you are entered nationally by default (you are not required to compete nationally to compete locally).
- The St. Louis Local Contest has cash prizes for 1st and 2nd place!
  - ◇ \$300 for 1st place team (total prize, \$300 for individual or \$150 for 2 member team)
  - ◇ \$200 for 2nd place team (total prize, \$200 for individual or \$100 for 2 member team)

### Other Information:

The bridge design competition allows for a truly open ended design, which allows students to participate both nationally and locally simultaneously; therefore no criteria is specified. Additionally, teams are required to be in the Metropolitan St. Louis area and must be middle or high school students (at ASCE St. Louis discretion). Winners (or their teachers or parents) are **required** to contact coordinator ([Stephanie Spann](#)) in order to claim prizes no later than March 31, 2016. Students do not have to compete and win nationally to win locally. **Students may register and submit (as often as they like) at any time during the local contest dates.**

### Questions?

Need help with the design? Unsure about contest rules? Just need more info? Please feel free to contact the local contest coordinator, Stephanie Spann ([sspann@davidmason.com](mailto:sspann@davidmason.com)) for questions or concerns.

# Order of the Engineer



"Upholding Devotion to the Standards and Dignity of the Engineering Profession"

## Hey Engineers, Let's Celebrate!

### ORDER OF THE ENGINEER

**March 29, 2016**

7-9 at Il Monastero

Address:

Saint Louis University

3050 Olive St.

St. Louis, MO 63103

RSVP to [abueck@slu.edu](mailto:abueck@slu.edu) by March 7th

#### Why?

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer.

-1 time thing

-No dues

### GET YOUR RING SIZED!

Dates TBA upon rsvp to the event

Or at the Facebook event page at

[www.facebook.com/  
events/503677883146291/](https://www.facebook.com/events/503677883146291/)

Saint Louis University  
3050 Olive St.

Phone: (618)560-2725  
Email: [abuerck@slu.edu](mailto:abuerck@slu.edu)





## Employment Opportunities

### Dam and Levee Safety Office Position

The subject announcement will be open for self-nomination today, January 29th and will close Friday, February 12th.

Position: Interdisciplinary

May be filled in any of the following series:

Civil Engineer 0810

Mechanical Engineer 0830

Electrical Engineer 0850

Geologist 1350

Architect 0808

Grade Level: GS12

Organization: Engineering & Construction Division, Geotechnical & HTRW Branch, Dam & Levee Safety Section

Full-time, Permanent

Location: St. Louis District Office, St. Louis MO

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ANNOUNCEMENT NUMBER: SWGI161714851611382 - Open to Federal Employees with Competitive Status and other Status Candidates, such as VEOA, 30% Disabled Vets, Reinstatements, etc. See "Who May Apply" Section for more specific information.

ANNOUNCEMENT NUMBER: SWGI161714851611804D - Open to all US Citizens

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### Cochran Opportunity - Civil Design/Project Engineer

**Cochran** has an immediate opening for a Civil Design/Project Engineer in our Lake of the Ozarks, Missouri office.

**Reference # 16ASCEMOLO**

The job responsibilities for this position include: perform a broad range of planning and design tasks for site development, stormwater, drinking water and wastewater, transportation and general civil infrastructure projects; development of plans, specifications, design computations, reports and construction documents. The position will be technically involved in detailed design work, coordination of civil and non-civil designs on multi-discipline projects, coordination with utilities and public agencies, as well as resolution of design issues that may include performing field investigations.

The ideal candidate would have 5+ years of design experience related to site development, stormwater management, drinking water, wastewater, transportation and general civil engineering. A Bachelors degree in Civil Engineering and EI/EIT Certification is required; PE licensure is preferred

**For more information for this position, visit [www.cochraneng.com](http://www.cochraneng.com) –careers - Please forward your cover letter and resume via email with reference # to [cochrancareers@cochraneng.com](mailto:cochrancareers@cochraneng.com) - No phone calls please.**

**To submit items to the newsletter...**

*Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 15<sup>th</sup> of the month prior to publication. Items may be sent via e-mail to Joe Sturgeon at [wsturgeon@hntb.com](mailto:wsturgeon@hntb.com). MS Word files are the preferred file type. PDF files are also acceptable but may not look as sharp when inserted into the newsletter and hyperlinks might not carry through to the final version. For multiple page announcements, please consider providing a single-page flyer, concisely worded, with links provided to ancillary pages such as registration forms or other attachments. Also, please clearly include in the email subject line a concise title for the announcement and desired month(s) of publication.*

*Most news items will be available on the Section's Web Page, which can be reached via the link on ASCE National Website ([www.asce.org](http://www.asce.org)). Click on "Geographical and International Units" to link to the Section or go directly to our page at: <http://sections.asce.org/stlouis/index.html>. The Section's Website Editor is Jeff Smith e-mail: [JESmith@HNTB.com](mailto:JESmith@HNTB.com) or via feedback directly from our website.*

For more information and updates see our Web Page: [Http://sections.asce.org/stlouis/index.html](http://sections.asce.org/stlouis/index.html)

This newsletter will be sent to all Section members via e-mail. Delivery of the newsletter hardcopy by First Class mail will be made upon request. Members have the responsibility to keep their contact information in the ASCE national database up to date. Please note that the St. Louis Section is only provided with members' PRIMARY information on file at the Society level. To ensure that we can contact you, please edit your PRIMARY information to contain the information where you would like the section to contact you and how you would like your information to appear in our annual roster.

*Please be sure to keep your PRIMARY contact information up-to-date by contacting ASCE at <http://www.asce.org>, or call 800-548-ASCE (2723).*



**ASCE – St. Louis Section**  
c/o The Engineers' Club of St. Louis  
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