

# Hear those sleigh bells jingling?

## St. Louis wins 2023 Outstanding Website



**ASCE**  
ST. LOUIS SECTION

# THE ARCH

DECEMBER 2023

ASCE has recently upgraded [Collaborate](#) to include a new social component called *Thrive*. Thrive includes additional features and improved data security and compliance, a personalized membership newsfeed, refreshed profiles, and the ability to support an all-ASCE online calendar.

Notice that ASCE St. Louis Section will soon be retiring from [ConstantContact](#) as our email list manager and switching to [Thrive](#) to start off the new year. This change will not interrupt the Arch newsletters, Institute chapter events, nor change Section memberships.

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**ASCE**  
ST. LOUIS SECTION



# 2023 ASCE HOLIDAY SOCIAL

## TIME:

Monday, December 11, 2023  
6:00 PM to 8:00 PM

## LOCATION:

SqWires Annex Room  
1415 S. 18th St.  
St. Louis, MO 63104

MEMBERS AND A GUEST ARE CORDIALLY INVITED TO OUR 2023 HOLIDAY SOCIAL AT SQWIRES. PLEASE JOIN US FOR A GREAT NIGHT OF FELLOWSHIP, FOOD, AND SPIRITS. APPETIZERS AND BEVERAGES FROM 6:00 PM TO 8:00 PM

**Cost:** Free

**Parking:** Self Parking - Free. Guest parking lot is located at the north end of SqWires Restaurant. Steet parking is also available.

**RSVP:** Reservations must be received no later than 12:00 PM on Monday, December 4, 2023. Please RSVP online with the following link:

Click Here to  
Register!

For more information, please contact [Stephen Noeth!](#)

## Section Board of Directors 2023-2024

### President

Chris Toenjes  
Roeslein & Associates  
[chrisatoenjes@gmail.com](mailto:chrisatoenjes@gmail.com)

### President-Elect

Melantha Norton  
Nestle Purina PetCare  
[diodonna@hotmail.com](mailto:diodonna@hotmail.com)

### Secretary

Melissa Rettig  
Hg Consult, Inc.  
[mrettig@hgcons.com](mailto:mrettig@hgcons.com)

### Treasurer

Shari Cunningham  
SCI Engineering, Inc.



## From the President

Happy Holidays! I hope you had a wonderful Thanksgiving with your family and are looking forward to the Christmas Season.

The ASCE St. Louis Section will celebrate the season at the annual Holiday Social on December 11th at [SqWires Restaurant and Market](#). This

event is free to members and is a great way to share fellowship with colleagues during the holiday season. I hope you will join us.

ASCE St. Louis Section is an award-winning section, again! The Section was awarded the [2023 Outstanding Section and Branch Website Award for Medium Sections and Branches](#).

Congratulations and thanks to Communications Chair and Website Manager, [Brenan Pool!](#) Brenan is a young member that has jumped headfirst into ASCE as he has started his

**Director of  
Administration**

Ronaldo Luna  
Saint Louis University  
[ronaldo.luna@slu.edu](mailto:ronaldo.luna@slu.edu)

**Director of Professional  
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Development**

Tony Roth  
Geotechnology, LLC  
[troth@geotechnology.com](mailto:troth@geotechnology.com)

**Past President**

Alison Graves  
Civil Design, Inc.  
[agraves@civildesigninc.com](mailto:agraves@civildesigninc.com)

professional career. Last year he took on revamping and refreshing the [Section's website](#). The result has been tremendous and is now award-winning. Thank you Brenan for your dedication to ASCE!

December is time for [ASCE membership renewal](#). ASCE membership comes with many benefits including: 10 free PDH courses, membership to one technical institute, salary reports, discounts on conferences, seminars, and technical content. Benefits that can be overlooked are the health and life insurance that ASCE offers its members, as well as discounts on home and auto insurance. 2024 will bring the first teenage driver to my house, so I will take a closer look at the discounts on auto insurance this year.

When you go to renew your St. Louis Section membership you will have the option to donate to the **Section's scholarship fund**. Offering scholarships to our student members is one of the most important things we do as a section. When you go to renew, I would encourage you to consider making this contribution!

The ASCE St. Louis Section will be starting out 2024 with a bang, as the speaker for our January luncheon will be none other than 2024 ASCE President and St. Louis Section Past-President [Marsia Gelbert-Murphy](#)! We are extremely grateful that Marsia is taking time out of her extremely busy presidential schedule to speak to her home section. Please make plans to attend the luncheon on January 9 at [Saint Louis University](#). More info to come in the January Newsletter!

I'd like to wish you and yours a wonderful holiday season and a successful and joyous 2024!

**Christopher Toenjes**

2024 St. Louis Section President

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**Reminder to renew your ASCE membership by December 31st!**

Unlock full benefits of your ASCE membership such as 10 included PDHs, one (1) free Institute enrollment, discounted continuing education and events, The Source ASCE newsletter, connect with peers, compare salaries, and get valuable everyday discounts!

ASCE Membership Benefits

MEMBERSHIP TAKES YOU  
WHERE YOU WANT TO GO



FORWARD  
FASTER®

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**To our community & beyond - Merry Christmas, St. Louis Section!**



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## St. Louis wins 2023 Outstanding Section Website Award

It is with great honor to announce ASCE St. Louis Section has been awarded the **2023 Outstanding Section and Branch Website Award**. This award will be presented at the 2024 MRLC at Kansas City in January!

Other best website winners include:

- Small Sections & Branches: [Montgomery Branch](#)
- Medium Sections & Branches: [St. Louis Section](#)
- Large Sections & Branches: [Houston Branch](#)
- Very Large Section & Branches: [Texas Section](#)



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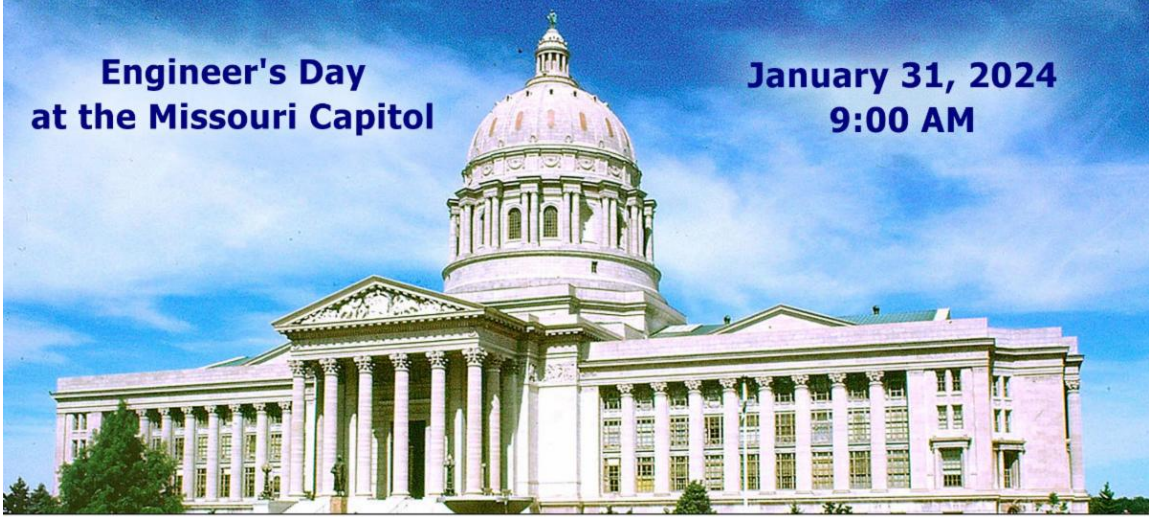
## Save the Date - Engineer's Day at the Missouri Capitol

As part of [2024 Engineers' Week](#), ASCE St. Louis Section will be collaborating with the [ASCE Kanas City Section](#), [Missouri Society of Professional Engineers](#) (MSPE), [American Council of Engineering Companies of Missouri](#) (ACEC), and [American Public Works Association](#) (APWA) Missouri Chapter at the Missouri Capitol in Jefferson City on **January 31st**. The day of advocacy includes speeches from key state leaders as well as attendees meeting with their state reps and senators in fighting for professional engineering licensure requirements.

Sign up and check out Engineer's Day!

**Engineer's Day  
at the Missouri Capitol**

**January 31, 2024  
9:00 AM**



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## November Luncheon

For the Section November Luncheon, we welcomed [Dr. Robert Holmes](#) of Missouri S&T and Holmes Engineering. Dr. Holmes gave an outstanding talk over the [Great Flood of 1993](#) and its local impacts to Missouri. Examining the disaster through the eyes of a hydrologist, valuable lessons were explored through large river flood risk assessments.



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## A Night celebrating Marsia

St. Louis Section members joined together on November 15th in celebration of our own [Marsia Geldert-Murphey](#) on her induction as 2024 ASCE President! Marsia previously served as ASCE Public Policy Chair, Region 7 Director, and St. Louis Section President.



## January 2024 Section Luncheon

Tuesday, January 9th, 2024

ASCE St. Louis is proud to host our own [Marsia Geldert-Murphey](#) (2024 ASCE President, 2006 Section President) at our coming January luncheon for her talk, **Engineering Our Future**. She will discuss how ASCE envisions building a better infrastructure system through engineering and to advance an inclusive and equitable society. Marsia has a storied career as an engineer, entrepreneur, servant-leader, and author.

### SPEAKER

[Marsia Geldert-Murphey, P.E., F.ASCE](#)



Marsia juggles ASCE engagements whilst working full-time as Regional Director of Illinois and Missouri operations at Lochmueller Group, residing in Glen Carbon with her husband of 30 years with two wonderful children whilst being an avid writer and speaker. Her awards include being recognized as one of the St. Louis Business Journal's most influential businesswomen of 2010 for her commitment to the St. Louis region, honored with the ASCE Edmund Friedman Professional Recognition Award in 2016, inducted into the Missouri S&T Academy of Civil Engineers, and elevated to Chapter Honor Member for Missouri S&T Chi Epsilon Chapter. She obtained her BSCE from South Dakota State University in 1992 and her MSCE from Missouri S&T in 1997 and is a licensed Professional Engineer (MO, IL, KS, TX).

Register  
here!

**When:** Registration starts at 11:30, lunch is served at 11:45, and the program will begin at 12:00. One (1) PDH is available from this program.

Register by January 2nd

**Where:** IL Monastero Banquet Center, Saint

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## 2023 ASCE Structural & GeoConfluence



The 2023 Structural and Geo-Structures Confluence was partnered between the [Geo-Institute](#) (G-I) and the [Structural Engineering Institute](#) (SEI) and hosted on November 7th.

The full-day event featured technical topics and case histories and was attended by approximately 190 professionals, 40 students, and over 20 exhibitors!

Presentations included the [Geo-Institute's 2023 Cross USA Lecture](#) by [Dr. Kyle Rollins](#), who discussed “Lateral Resistance of Pile Group Foundations based on Large-Scale Field Tests.” The event also featured [Gary Klein](#) (Wiss, Janney, Elstner Associates) who discussed “Champlain Towers South – WJE Collapse Investigation.”



ASCE's [Structural Engineering Institute](#) and [Geo-Institute](#) hosted.

We thank [River City Casino](#) for hosting us for the event.

[Lyle Simonton](#) presenting on earth retention for [BJC Patient Tower](#) project.

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## 2024 ASCE Regions 3, 6, 7 MRLC Kansas City - Sponsorships Available



# Regions 3, 6, and 7 Multi Region Leadership Conference (MRLC)

January 12-13, 2024  
The Westin – Crown Center  
Kansas City, Missouri

## Who we Are?

The American Society of Civil Engineers (ASCE) is hosting the 2024 Regions 3, 6, & 7 MRLC in Kansas City. The Kansas City Section Younger Member Group (YMG) was selected to host the Central Region Younger Member Council events associated with the MRLC. **Our local planning committee is working on many events to highlight Kansas City as a hub for top-notch civil engineering firms and subcontractors.** Please consider attending or sponsoring. Some of our planned events include:

DATE	EVENT
Jan 11th Evening	Rock Island Bridge Site Tour and Happy Hour
Jan 12th Evening	Streetcar Bar Crawl
Jan 13th Evening	Awards Banquet

## How You Can Help Us

**We need your support to make the overall conference a success!** Your contribution will support student engagement and leadership development within the civil engineering profession by subsidizing student participation in networking and social events, while achieving visibility for your company during the entire conference. **Your organizations will be connected to the best and brightest of ASCE in the Central Region.**

## Sponsorship Opportunities

### Diamond Sponsors – \$4,000

- Highest level of recognition
- Recognition on website and during conference
- 2 complimentary tickets to all evening events
- Sponsored signage at check-in

### Gold Sponsors (Banquet) – \$2,000

- Recognition on website and during conference
- 2 complimentary tickets to Awards Banquet on Jan. 13th (a semi-formal event including cocktail hour, dinner, and entertainment)

### Evening Event Sponsors – \$1,500

- Recognition on website and during conference
- 2 complimentary tickets to one evening event of your choosing Jan. 11th or 12th

### Student Sponsors – \$500

**(Provides reduce costs for students to attend the Awards Banquet and Evening Events)**

- Recognition on website and during conference
- Includes 1 job posting to event website

### Add-on Options

- **Job Postings** on event website - \$200

**For additional opportunities to support our events please contact us though the link below.**

**For More Information and How to Register:** [www.kcengineers.org/mrlc2024](http://www.kcengineers.org/mrlc2024)

## CI & CRC Joint Conference 2024

The [Construction Institute](#) (CI) and [Construction Research Congress](#) (CRC) are joining forces once more and inviting all to join for the **2nd Annual CI & CRC Joint Conference** in March 2024. Hosted by Iowa State, build on established connections and construct new ones to advance innovation and collaboration across the construction industry.

The theme of the conference is





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## ITE GSITE Conference - Save the Date



**3RD ANNUAL  
GSITE CONFERENCE**

**SAVE THE DATE**

**FRIDAY, FEBRUARY 23RD, 2024**

**UMSL MILLENNIUM STUDENT CENTER**

**GATEWAY SECTION**  
ites

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## Younger Members Group (YMG)

As 2023 comes to an end, we want to say thank you to everyone who made this a great year for ASCE STL Younger Members! From our monthly happy hours, Meet A Professional, career mentoring for student members and beyond, we can't wait to continue these events into 2024!



**March Happy Hour at the Armory  
STL**



**May Happy Hour at Narwhal's**



**Summer Social at 9 Mile Garden**



**Happy Hour at Global Brew**



**We are ASCE St. Louis #YoungerMembers**

*Thank you to our sponsors:*



@ASCESTLYMG



ASCE STL Young Members

Younger Members Chair  
Alicia Padilla  
[alicia.m.padilla4@gmail.com](mailto:alicia.m.padilla4@gmail.com)

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## Institutes & Technical Groups

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Environmental & Water Resources Institute (EWRI) St. Louis Chapter



ENVIRONMENTAL &  
WATER RESOURCES  
INSTITUTE  
St. Louis Chapter

WATER  
INSTITUTE  
SAINT LOUIS UNIVERSITY

## EWRI of ASCE - St. Louis Chapter

2024 Environmental & Water Resources Spring Symposium and Workshop

# WATER, WATER, EVERYWHERE

You are invited to attend a full-day educational symposium and workshop for professional development and to learn about water-related technical topics.

**SAVE THE DATE: Friday, March 8, 2024**

Technical Program 8AM to 4PM

#### Location:

Pere Marquette Gallery at Saint Louis University  
221 N Grand Blvd, St. Louis, MO 63103

#### Who should attend:

Water resource engineers, environmental engineers, hydraulic engineers, water resource designers, hydrologists, etc.

#### Other details:

Up to 6 Professional Development Hours for professional licensure requirements.

Continental breakfast and lunch included.

Stay tuned for registration information!

#### For more information, please contact:

Samantha Keeven  
Spring Symposium/Workshop Chair  
ASCE-EWRI St. Louis Chapter  
[skeeven@hrgreen.com](mailto:skeeven@hrgreen.com)

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## Geo-Institute (G-I) St. Louis Chapter



GEO-  
INSTITUTE  
St. Louis Chapter

The St. Louis Chapter of G-I will be holding it's next meeting **prior to the Section holiday social at 17:00 at Squires on December 11th**. Please contact [Zachary Fallert](#) with questions, interest in presenting, or have topic ideas!

See you there!

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MSPE Call for Award Nominations

Please consider nominating a colleague, customer, or company for one or more of the **Missouri Society of Professional Engineers (MSPE) St. Louis Chapter's** annual awards this year. The awards will be presented at the annual Engineers Week Awards Banquet in February 2024. Nominations should include resume, biographical sketch or completed application form and are briefly listed below. **Nominate by December 22nd.**

<p><b>Engineer of the Year</b></p> <ul style="list-style-type: none"><li>• Professional Engineer in Missouri</li><li>• Membership in MSPE/NSPE is not required</li></ul>
<p><b>Outstanding Professional Engineer in Industry, Private Practice, Government, Education, or Construction</b></p> <ul style="list-style-type: none"><li>• Professional Engineer in Missouri</li><li>• Membership in MSPE/NSPE is not required</li></ul>
<p><b>Young Engineer of the Year</b></p> <ul style="list-style-type: none"><li>• Age 34 or younger (as of 01/01/23)</li><li>• Membership in MSPE/NSPE is required</li></ul>
<p><b>Qualifications-Based Selection (QBS)</b></p> <ul style="list-style-type: none"><li>• Company award</li><li>• Membership in MSPE/NSPE is not required</li></ul>
<p><b>Private Practice Professional Development (PPPD)</b></p> <ul style="list-style-type: none"><li>• Company award</li><li>• Membership in MSPE/NSPE is not required</li></ul>

Click Here to Nominate!



Award descriptions and specific qualifications are available on the [MSPE website under the St. Louis Chapter](#). Nominations or awards questions should be directed to Awards Committee Chair, [Diane Grossenheider](#).

## 2024 Mid-America Student Symposium - Sponsorships



The American Society of Civil Engineers (ASCE) and the American Institute of Steel Construction's (AISC) student branches are again coming together to host a combined symposium with various competitions, speakers, networking opportunities, and social events.

The Missouri University of Science and Technology will be co-hosting the **ASCE Mid-America Student Symposium** with Missouri State University from **April 18th to 20th, 2024**. The symposium's main features are the Concrete Canoe and Steel Bridge competitions, social events, and a formal banquet. This symposium allows students from around the region to come together to show off their engineering skills while engaging in competition with one another. Missouri S&T will be taking the opportunity to host to show other future engineers and industry professionals our Student Design and Experiential Learning Center.

Sponsors and industry partners are the foundation for the engineers of the future. This symposium offers your company an occasion to showcase itself to a large and captive audience of students. To make this symposium successful, we would like to invite you to show your support and sponsor this event at one of the following tiers:









- **Green Tier: \$1,000**
- **Silver Tier: \$2,000**
- **Gold Tier: \$4,000**
- **Miner Tier: \$8,000**

These tiers will give you the benefits explained in the attached packet, along with additional sponsorship opportunities to support our conference. Support in any way is appreciated, truly.

For more information about sponsorship or ways to support the ASCE Mid-America Student Symposium, you can reach us at: [gac8cx@mst.edu](mailto:gac8cx@mst.edu) or [kabng6@mst.edu](mailto:kabng6@mst.edu).

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## Student Chapters of the Section

 	Brynnleigh Weaver, <i>President</i> Magdy Abdelrahman, Ph.D., <i>Faculty Advisor</i>
 	Morgan Voissem, <i>President</i> Jalil Kianfar, Ph.D., <i>Faculty Advisor</i>
 	Brandon Lanning, <i>President</i> Ajay Kalra, Ph.D., <i>Faculty Advisor</i>
 	Magda Carbajal, <i>President</i> Alaa Elsis, Ph.D., <i>Faculty Advisor</i>



Sotirios Korakis, *President*  
Sarah Orton, Ph.D., *Faculty Advisor*

Instagram: [@MizzouASCE](#) | [ASCE Mizzou Facebook](#)



## ASCE S&T Student Chapter



We are pleased to share the Student Chapter and Departmental Update for November 2023. The chapter officers put in great effort to keep activities at a high level this fall. We look forward to keeping up our activities and looking for activities and speakers going into 2024!

The Spring employer networking night is planned for February 19<sup>th</sup> with the [S&T Career Fair](#) the following day. In September, we had over 300 students and employers join in Butler Carlton Civil Engineering Hall, and we hope more will join this spring with sign ups and information coming soon. We also hosted a great mentoring event put on by the women of our [Academy of Civil Engineers](#). We are thankful to have a great team of mentors coming in from St. Louis and Kansas City! Do contact [CArE@mst.edu](mailto:CArE@mst.edu) for more information on getting involved with our program.

ASCE S&T student competition teams are gearing up as we host the 2024 Mid-America Symposium, alongside with [ASCE MO State Student Chapter](#). We are still taking sponsors that will get corporate names out to students from 18 universities and over 400 future Engineers!





For the Department, we are also expanding our educational programs, including a more online courses to join our existing distance education degree programs. We topped 840 students this year as we rolled out three (3) new recent graduate certificate programs:

- **Advanced Materials for Sustainable Infrastructure.**
- **Building Systems Engineering.**
- **Surface Water Resources.**

These offerings join our five (5) existing certificates, and each can be used to pursue a MS degree in Civil or Environmental Engineering, entirely online or in person for some course offerings. The S&T Engineering online graduate programs also received national acclaim, being [ranked # 9 in US News for the 2022 rankings in the US!](#)

Let's **#ChangeTheWorld** at Missouri S&T Civil, Architectural & Environmental Engineering Department alongside ASCE S&T! Check out our list of opportunities at [online.missouri.edu/mst/care/](https://online.missouri.edu/mst/care/)

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## ASCE SLU Student Chapter



The [ASCE SLU Student Chapter](#) had another eventful month in November. On November 9th, the Chapter was pleased to host the Section monthly luncheon featuring Dr. Robert Holmes' perspective on the 1993 Flood in Missouri. We are glad to have been able to host the October and November luncheons!

We held a two-in-one meeting on November 6th. The first half of the meeting was a Conference Info Session where our Team Captains presented their competition to our general body. For the second half of the meeting, SLU graduate **Mattie Zautner** of Missouri American Water spoke on her experience with transitioning from school to a professional career. Thank you to Mattie for coming back to speak to our students!

On November 11th, several of our students attended a tour of the [National Building Arts Center](#) in Sauget, Illinois. The Center is an emerging center of





study housing the nation's largest collection of building artifacts. It was impressive to see the wide variety of artifacts they have from the St. Louis region and elsewhere!

Multiple students attended the annual **St. Louis Structural/Geo-Confluence** where they learned about upcoming technologies and developments in the industry and had the chance to meet local professionals. Thank you to the planning committee for supporting our students!

Also on November 7th, students in **Dr. Ronaldo Luna's 'GeoSolutions for Climate Change'** course attended Jahn's Lecture with [AEG St. Louis Section](#)! They had a great time connecting with geotechnical professionals and learning how engineering geology can help society meet the challenge of a changing climate from lecturer Vince Cronin. The class also made a site visit to the [Metrolink Extension project](#) at MidAmerica Airport on November 14th. Special thanks to [Gonzalez Companies](#) for making this field trip possible!



Our chapter hosted an **Engineering Game Night Event** on November 20th in collaboration with [Biomedical Engineering Society \(BMES\)](#), [Tau Beta Pi Engineering Honor Society](#), and the [Society of Women Engineers \(SWE\)](#). [National Society of Black Engineers \(NSBE\)](#) also joined us! It was a great sendoff for Thanksgiving Break!

 [@slu\\_asce](#)  [SLU Groups](#)  [asce@slu.edu](mailto:asce@slu.edu)

### Jobs Corner

[View all our job postings](#)

#### GEOTECHNICAL ENGINEER INTERN

SCI ENGINEERING - ST. CHARLES, MO



#### CIVIL ENGINEER/PROJECT ENGINEER

ENGENUITY - CHESTERFIELD, MO



#### ADJUNCT FACULTY - ALL AREAS

MISSOURI S&T - WEST COUNTY OFFICE, ST. LOUIS, MO

STRUCTURAL ENGINEER (6-10 YEARS)

STRUCTURAL ENGINEER (ENTRY-LEVEL)

KPFF - ST. LOUIS, MO



OPEN RANK - PROFESSOR OF TRANSPORTATION  
ENGINEERING

SAINT LOUIS UNIVERSITY - ST. LOUIS, MO



## ASCE St. Louis Section

c/o Engineers' Club of St. Louis

4359 Lindell Blvd., St. Louis, MO63108

Affix  
Stamp  
Here

Email Section news and events to [BrenanP@theEngenuity.com](mailto:BrenanP@theEngenuity.com). See the [Arch Newsletter Guidelines here](#).

Keep your contact information up to date by contacting ASCE ([asce.org](http://asce.org)), 800-548-ASCE (2723)

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