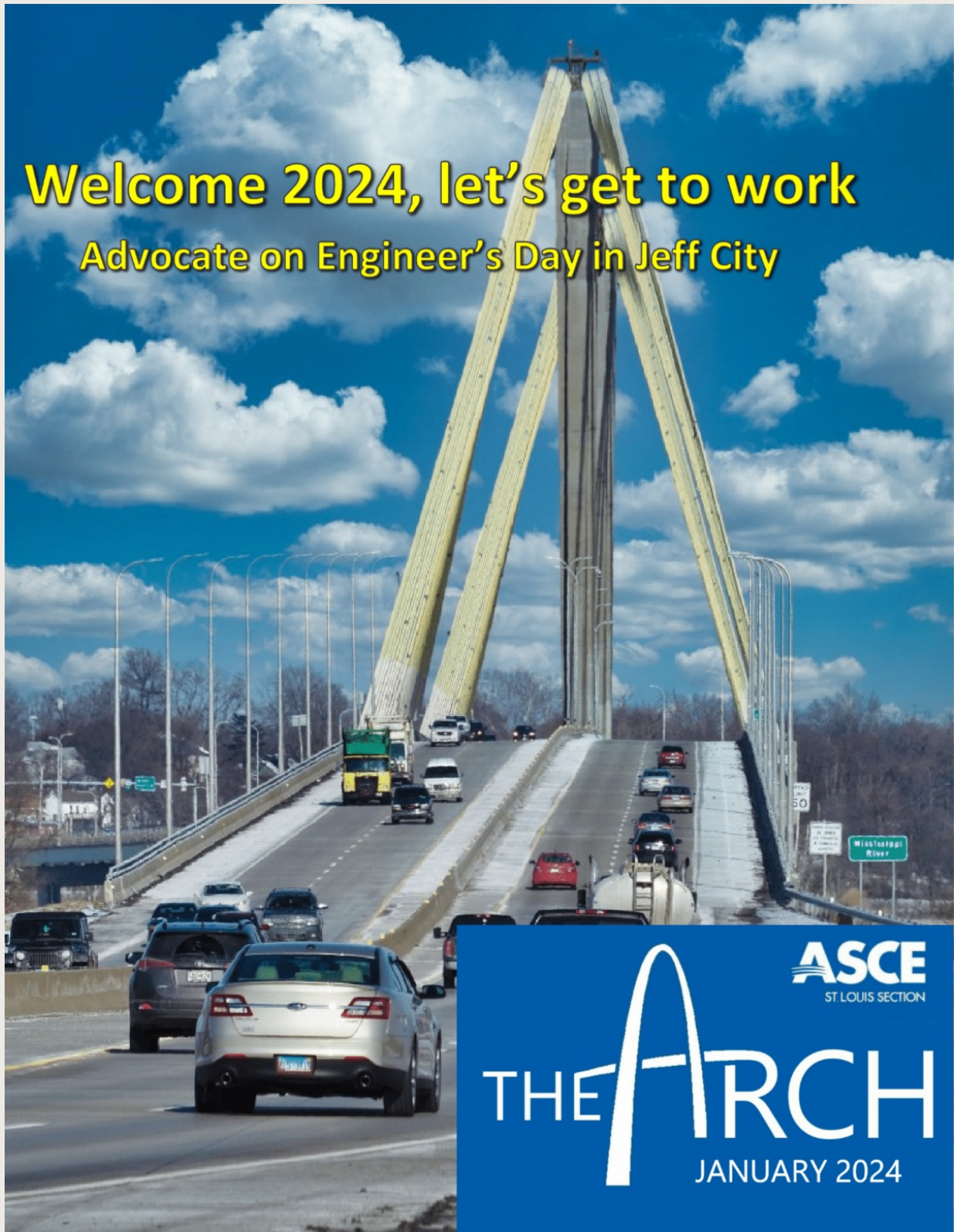


Welcome 2024, let's get to work

Advocate on Engineer's Day in Jeff City



January 2024 Luncheon

Tuesday, January 9th

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 Change**. 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.

Contact Programs to register late

[Stephen Noeth](#), Programs Chair
[Maggie Cox](#), Programs Assistant

Where: IL Monastero Banquet Center, Saint Louis University, 3050 Olive St., St. Louis, MO 63103

Section Board of Directors 2023-2024

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From the President

Happy New Year!

I hope the 2023 holidays were special for you and your family and you are looking forward to 2024. This year will bring plenty to celebrate for ASCE. On the Society level, we look forward to the release of ASCE's new movie [Cities of the Future](#).

On the Section level, 2024 will mark the 150th anniversary of the opening of one of St. Louis' greatest engineering landmarks, [the Eads Bridge](#). As we wind down from the hustle and bustle of the holiday season, ASCE activities ramp up and there is plenty of opportunities to participate.

Our first Section luncheon of 2024 on January 9th is one you don't want to miss! As noted in last month's *Arch*, ASCE 2024 President and St. Louis Section former president, [Marsia Geldert-Murphey](#), will be speaking on *Engineering Change*. Marsia is an entertaining and dynamic speaker. If you have never met her or heard her speak, you will want to come (and if you have met her and heard her speak, you already know you want to come!) See above for the link to register!

ACSE offers our membership opportunities to educate

**Director of Professional
& Technical
Development**

Tony Roth
Geotechnology, LLC
troth@geotechnology.com

Past President

Alison Graves
Civil Design, Inc.
agraves@civildesigninc.com

legislators on the important role civil engineers play in our society. On January 31st, the St. Louis Section will again team with the Kansas City Section, ACEC, APWA, and MSPE at "Engineer's Day at the Missouri Capitol" in Jefferson City. This is your opportunity to make your voice as an engineer be heard and remind legislators that their support of civil engineering projects and programs is important to their constituents.

Beyond participating in this event, ASCE members can become an ASCE 'Key Contact'. As stated by ASCE, "Key contacts influence the policy process at the state and federal levels by developing relationships with elected officials." For more information and to register as a 'Key Contact', follow this link: asce.org/advocacy/key-contacts.

Of course, January leads to February with [Engineers Week occurring February 18-24](#) and plenty of engineering activities to participate in. I hope you have a fantastic 2024!

Christopher Toenjes

2024 St. Louis Section President

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!



ACEC Missouri
AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Missouri



ASCE
KANSAS CITY SECTION
& ST. LOUIS SECTION

NSPE-MO
MISSOURI SOCIETY OF
PROFESSIONAL ENGINEERS

Section Holiday Social

St. Louis Section members descended upon SqWires on December 10th for the Section Holiday Social for drinks, food and camaraderie amongst the holidays in the Gateway City.



2024 ASCE Regions 3, 6, 7MRLC 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 through the link below.

For More Information and How to Register: 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



ITE GSITE Conference - Save the Date

A promotional graphic for the 3rd Annual GSITE Conference. The background is a dark blue image of a modern building's facade with a prominent archway. Overlaid on this are several dark blue rectangular boxes with white and yellow text. At the top, a large white box contains the text "3RD ANNUAL GSITE CONFERENCE". Below it, a yellow box says "SAVE THE DATE". The next box is white with yellow text: "FRIDAY, FEBRUARY 23RD, 2024". The final box is white with yellow text: "UMSL MILLENNIUM STUDENT CENTER". In the bottom right corner, there is a logo for "GATEWAY SECTION ite" featuring a stylized arch and the text "GATEWAY SECTION ite".

**3RD ANNUAL
GSITE CONFERENCE**

SAVE THE DATE

FRIDAY, FEBRUARY 23RD, 2024

UMSL MILLENNIUM STUDENT CENTER

**GATEWAY SECTION
ite**

Younger Members Group (YMG)

Thank you to everyone who came out to YMG's winter social on December 1st for Budweiser Brewery's Holiday Lights. As we dazzle at the fading light of 2023, we're exciting to share more with you on upcoming 2024 YMG events soon!



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

Institutes & Technical Groups

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



EWRI St. Louis News

EWRI ST. LOUIS MONTHLY SPEAKER SERIES EVENT

The St. Louis Section of EWRI is pleased to announce our monthly webinar on **Thursday, January 18, 2024 from 12:00 pm-1:00 pm Central Time.**

This presentation will be broadcast live over a webinar. Registration is free to ASCE members. **Advance registration is required by noon, Tuesday, January 16, 2024.** Please register online at the following link:

[EWRI January 2024 Speaker Series Presentation](#)

Registrants will receive detailed login and dial-in information prior to the event.

The power of optimization- How to get the most out of your hydraulic model

The hydraulic model optimization would yield the most out of your hydraulic model considering all goals and objectives. This session will showcase the basics of optimization for hydraulic modelling and applicable case studies.

SPEAKER

Ari Feldman (Optimatics)

As Senior Optimization Engineer at Optimatics, Ari works with water utilities around the country to leverage algorithm-based optimization strategies to improve water network design plans. Ari holds a Master of Science in Civil Engineering from the University of Illinois and has multiple years of experience in hydraulic modelling for both water distribution and wastewater system planning.

Todd Williams (M3):

Mr. Williams is a founding Principal of M3 Engineering Group with 23 years of experience in wastewater design, storm water hydrology and hydraulics, and channel biostabilization. He is skilled with various hydraulic computer software programs, including HYDRA and XP-SWMM, HEC-HMS, HEC-RAS and HEC-FDA. His experience includes use of Cartegraph for infrastructure asset management and Criterium Decision Plus for stakeholder decision making. Mr. Williams' responsibilities include project management, ArcView database development, and ArcPad application development. Mr. Williams received a Certificate in GIS from Penn State University.

Thank you to our joint seminar sponsor, **EDM Incorporated and Southern Illinois University Edwardsville (SIUE)!**

*Please contact **Rohan Benjankar, PhD** (rbenjan@siue.edu) with any questions, if you are interested in presenting, or have an idea for a topic.*

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



**GEO-
INSTITUTE**
St. Louis Chapter

ASCE G-I St. Louis Chapter will be co-hosting a **free Winter Social event at The Armory STL** on January 11th. Everyone is welcome!

We are excited to reconvene under one (massive) roof whilst having some food, drinks, and playing games together!

A big thank you to AEG St. Louis Chapter for co-hosting with us!

[Register here!](#)

When: Thursday, January 11th, at 4:30pm

Where: The Armory STL, 3660 Market St., St. Louis, MO 63110

Register by January 5th.

[Xiaomin You](#), ASCE G-I STL Chair

Free parking located east of the building. We'll meet to the right of the big screen TV!

2024 Mid-America Student Symposium - Sponsorships



MISSOURI S&T Missouri State

College of Engineering
Department of Civil, Architectural
and Environmental Engineering
Rolla, MO 65409-0030
(573) 341-4461

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 or kabng6@mst.edu.



Brynnleigh Weaver, *President*
Magdy Abdelrahman, Ph.D., *Faculty Advisor*

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Morgan Voissem, *President*
Jalil Kianfar, Ph.D., *Faculty Advisor*

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Brandon Lanning, *President*
Ajay Kalra, Ph.D., *Faculty Advisor*

[ASCE SIUC Facebook](#)



Magda Carbajal, *President*
Alaa Elsis, Ph.D., *Faculty Advisor*

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

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



ASCE S&T Student Chapter



The [ASCE S&T Student Chapter](#) looks forward to keeping up our activities level as we look forward to 2024 speakers and activities! We have a solid group attending the upcoming Multi-Region Leadership Conference (MRLC) in Kansas City.

December saw a great graduating class, as our department conferred over 105 degrees to civil, architectural and environmental engineers. We also celebrated a campus high in job placement with a 99% rate for our past year's graduates. We look forward to a busy spring semester and hosting more amazing student chapter speakers for our biweekly meetings.



The Spring employer networking night is planned for February 19th with the S&T Career Fair the following day. If you are interested to join the networking event in the Butler Carlton Civil Engineering building, please contact CArE@mst.edu. To register for the biggest engineering career fair in the Midwest, log in at career.mst.edu.

Our ASCE student competition teams are also gearing up as we are cohost the 2024 Mid-America regionals in Rolla in April, along with ASCE Missouri State Student Chapter– S&T Cooperative Engineering Program. 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!](#)

ASCE SLU Student Chapter



The [ASCE SLU Student Chapter](#) wrapped up a hugely successful year with our annual Candy Construction Competition on December 4th. Students competed in small groups to build anything they could with candy, from bridges to planes. Thanks to our Section competition judges **Chris Toenjes** and **Lyle Simonton** for joining us!

Several of our students also joined the ASCE St. Louis Section at the 2023 Section Holiday Social. They had a great time winding down at the end of the semester and mingling with professional ASCE members!

We want to further extend our utmost gratitude to the Section for supporting our student chapter this past

year. We look forward to the upcoming year as we continue to grow and learn through ASCE!

#ASCEmademe #ASCElocalnews



 @slu_asce  SLU Groups  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)

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. See the [Arch Newsletter Guidelines here](#).

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

CONNECT WITH @ASCESTL



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