



# Students win big at 2023 Mid-America Student Symposium

Steel Bridge, Concrete Canoe, and others compete and network at Kansas State



As you may have noticed, we are testing delivering the monthly Section newsletter, rebranded as *The Arch*, via ConstantContact for a better user experience. Past

newsletters will continue to be archived and available for PDF download from the Section website. Enjoy *The Arch*!



## May 2023 Luncheon

Tuesday, May 9, 2023

### Hydrographic Survey Technology for Water Resources Projects

**Description:** Our nation benefits from robust and well-developed water resources infrastructure. We take for granted the benefits of bridges, water intake structures, pipeline crossings, and the entire inland navigation system for shipping which is maintained by dams, levees, and dikes.

Like with inland civil engineering projects, these projects require existing conditions information to design and build, but this information may not be readily observable or available. This presentation provides an overview of current hydrographic survey technology including both acoustical (SONAR) and light (LiDAR) sensors that we as civil engineers can use to support the planning and design of our projects. It will answer questions on sensor uses and applicability, sensor accuracies, and what underwater information can (and can't) be obtained remotely using these methods.

**Presenter:** [Darren Forgy](#), PE, PLS – Federal Governmental Market Lead, Prairie Engineers

[Click here to sign up!](#)

**When:** Registration starts at 11:30am, lunch is served at 11:45am. The program will begin promptly at 12:00pm. One (1) PDH available.

**Please register by May 2nd**

**Where:** **II Monastero, SLU Campus, 3050 Olive St., St. Louis, MO 63103**

#### Section Board of Directors 2022-2023

##### President

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

##### President-Elect

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

##### Secretary



#### From the President

Spring is in full swing and April was a busy month for ASCE activities. In addition to the usual Board Meeting and Monthly Luncheon, I also had the opportunity to visit two of our five student chapters – Mizzou and Missouri S&T! As a Mizzou girl myself, it was so fun to tour my old campus and check out the renovations to the Engineering Building since my time there. I really enjoyed meeting the leaders of their student chapter and presenting to a full auditorium of students00 (they may have been there for the free pizza...) For the visit to

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

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Rolla, I was joined by Chris Toenjes, Nichole Witushynsky & Brenan Pool. We met with a small group of students for dinner before their Student Chapter meeting in the evening. They had tons of great questions and we brainstormed some ways to engage more with the student chapters – especially the ones that are farther away from St. Louis.

Speaking of our Student Chapters – they recently attended the 2023 Mid-America Student Symposium on April 13-15<sup>th</sup> at Kansas State, where they participated in several competitions, including the Concrete Canoe and Steel Bridge competitions we know and love! We got to hear first hand about the hard work all these students put into their projects, competitions, and papers at the Symposium. The Section was represented also - Nichole Witushynsky and Society President-Elect Marsia Geldert-Murphey served as a judges, and our Region 7 Governor Shawna Erter was also in attendance. Next year's competition will be in Rolla at Missouri S&T and we look forward to supporting their planning efforts!

In April we also said farewell to our beloved Engineering Center with our last luncheon there. The building is being sold, and while the Engineer's Club has been exploring options for a venue for their affiliate organizations to utilize, we don't have any details for the foreseeable future. In the meantime, we're making alternate plans for our luncheons. In May, we will be meeting on SLU's campus at Il Monastero, located at 3050 Olive Street – it's a central location in St. Louis, there is ample parking in the adjacent lot, and the building is really nice. We're so thankful to Dr. Jalil Kianfar, the SLU Student Chapter Faculty Advisor, for coordinating the reservation for us! The location for the June luncheon is still TBD, but we're planning on a joint luncheon with the National Society of Black Engineers ([NSBE](#)) as we've done in years past! The board will be making decisions soon about how to handle luncheons next year – we need to start making reservations sooner rather than later.

On a society level, voting for the 2023 ASCE election opens May 1, and this year's ballot features Feniosky A. Peña-Mora and Brett C. Phillips as the official nominees for 2024 ASCE President-Elect. Check out their [recorded video Q&A sessions](#) to find out more about the candidates and don't forget to cast your vote!

One last thing - had to make one more call for awards - Nominations are due June 1<sup>st</sup>!

**Alison Graves**

2023 St. Louis Section President

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**Mid-America ASCE Student Symposium at Kansas State**

On April 13-15, fifteen (15) ASCE student chapters from the Midwest descended upon the Manhattan, KS, including St. Louis Section's five (5) student chapters. Students competed in a number of engineering-related competitions and challenges including:



Steel Bridge, Concrete Canoe, surveying, sustainable solutions, innovation, construction, 3D printing, hydraulics, concrete bowling ball, and the MEAD (ethics) paper. More information and in-depth competition results can be viewed at [StudentSymposium.ASCE.org/Mid-America](https://StudentSymposium.ASCE.org/Mid-America).



### Overall Symposium Rankings

1. Kansas State University
2. **Saint Louis University**
3. University of Nebraska - Lincoln
4. Missouri State University
5. University of Kansas
6. South Dakota State University
7. **Missouri University of Science & Technology**
8. Iowa State University
9. University of Missouri - Kansas City
10. **Southern Illinois University Carbondale**
11. **University of Missouri**
12. University of Nebraska - Omaha
13. William Jewell College
14. University of Iowa
15. Dordt University

### Competition Winners

- Concrete Canoe
  1. UMKC
- Steel Bridge**
  1. **Missouri S&T**
- Surveying**
  1. **Saint Louis University**
- Sustainable Solutions
  1. Missouri State
- Innovation Contest**
  1. **Saint Louis University**
- Construction Engineering
  1. Iowa State
- 3D Printed Bridge
  1. UN - Lincoln
- Mead Paper**
  1. **Missouri S&T**
- 1st & 2nd Year Design**
  1. **University of Missouri**
- Concrete Bowling
  1. UN - Omaha
- Environmental Engineering
  1. Kansas State
- Geotechnical Engineering
  1. William Jewell
- Hydraulics Engineering
  1. Kansas State
- FE Quiz Bowl**
  1. **Saint Louis University**
- Transportation Engineering
  1. Kansas State
- T-Shirt Design**
  1. **Saint Louis University**



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## Section Honors Five New Life Members

ASCE St. Louis Section was proud to award several new Life Members for their dedication to our profession. Life Members have made a lifetime commitment to ASCE and the civil engineering profession by remaining dues-paying members for the full length of their professional career.

Thank you for your dedication to our profession!



[Randall Bernhardt](#)

Kevin Brown

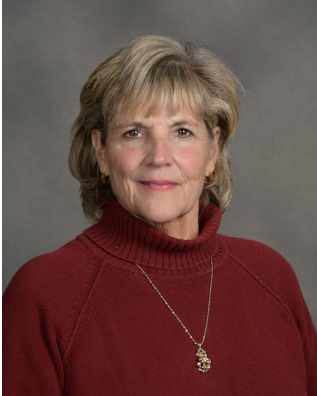
Marie Collins

Richard Henderson

John Heymeyer

[Gary Moore](#)

[Janet Ulivi](#)



### Featured Life Member - Marie Collins, PE

Marie began her professional career in St. Louis in January 1980 at Booker Associates, Inc., following her graduation from the University of Kentucky with a Bachelors of Science in Civil Engineering. In 1985 she became a licensed professional engineer in Missouri. In 1988 she took a position with the Metropolitan St. Louis Sewer District. While with the District, she obtained her Master of Science in Civil Engineering, from the University of Missouri – Rolla/UMSL program.

During her career at MSD, Marie held several management positions, including that of the Assistant Director of Engineering, Construction Management Division, the position that she held at the time of her retirement in February 2020. Marie has been active in the St. Louis Section of ASCE since 1980, serving on several committees, as a director, as an officer and as Section President in 2003. In 1988, she was the recipient of the Section's Young Engineer of the Year Award and 2006 she received the Professional Recognition Award.

During her career, Marie was also active in other professional organizations, and had the privilege of serving as President of the St. Louis Chapter of the Missouri Society of Professional Engineers, the MSPE State Society and the Engineers Club of St. Louis. In her retirement, Marie stays busy volunteering for a number of organizations and groups. She currently serves as the President of the Board of Directors for the MSPE Educational Foundation, the Regional Judging Coordinator for the LEGO League competitions sponsored by *FIRST* in Missouri, and as the Chair of the Architectural Control Committee for Lake Saint Louis Community Association. She is also involved in organizing a charity golf tournament benefitting The Women's Safe House, and is a volunteer for The Missouri Bar Association client/attorney fee dispute resolution program. Marie enjoys gardening, golfing, and boating.

### Featured Life Member - Gary T. Moore, PE

Gary has over 42 years of in-depth expertise in Water Resources including Stormwater, Sanitary and Combined Sewer Systems designs. Sanitary and Combined sewer planning, design, floodplain studies and analysis, risk and resilience evaluations in water resources, Expert witness on flooding and stormwater issues, and hydraulic and hydrologic modeling. Gary holds BSCE from University of Kentucky and MSCE from Missouri S&T.

Gary began full time instruction and leadership as UMSL/WashU Civil Engineering Director after retiring October 1, 2017, from the Metropolitan St Louis Sewer District after 32 years of service to the community and protecting the environment. In March 2020 Gary began working part time with Civil Design Inc in the water resource team on projects involving hydraulic modeling and other expertise. Gary successfully led the District and the Program Planning

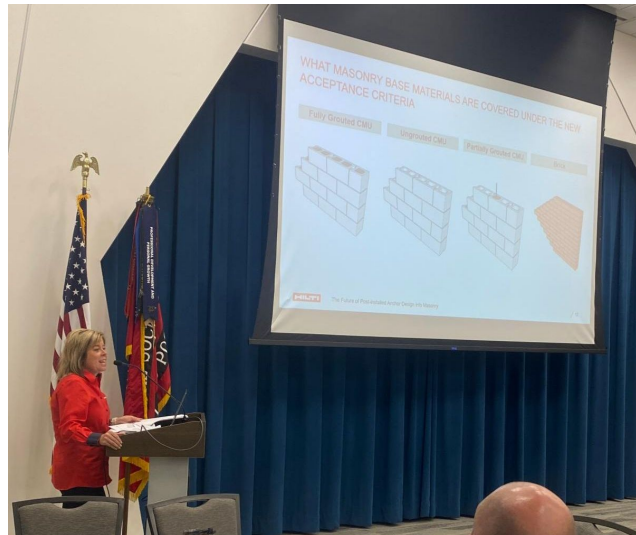
team in development while assisting with obtaining approval of the integrated planning of the \$4.7 billion (2010 value) CSO LTCP and SSO Control Master Plan and the Green Infrastructure Plan with the US EPA, DOJ, and MDNR. Gary also wrote the update to MSD's Rules and Regulations for Chapters 3 and 4 and assisted on Chapter 5 in the early 1990's for MSD's first update to the "little brown book".

During his career, Gary was also active in other professional organizations including WED and MWEA collection system and stormwater committees, ASCE EWRI, Engineers without Borders, and IECA. Gary is a licensed Professional Engineer in Kentucky and Missouri.

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## April Luncheon

The St. Louis Section hosted Lana Fielder, Professional Engineer at Hilti Group for our monthly luncheon for April 2023. Fielder gave an intellectual discussion over evaluating risks in geotechnical engineering, titled "Anchoring to Masonry." Fielder explained how the acceptance criteria for post-installed anchorage into masonry has demonstrated their compliance with model building code. This code has further been revised to offer a more statistical analysis of post-installed anchor design into masonry.



[Lana Fielder, PE](#)  
Professional Engineer  
[Hilti Group](#)



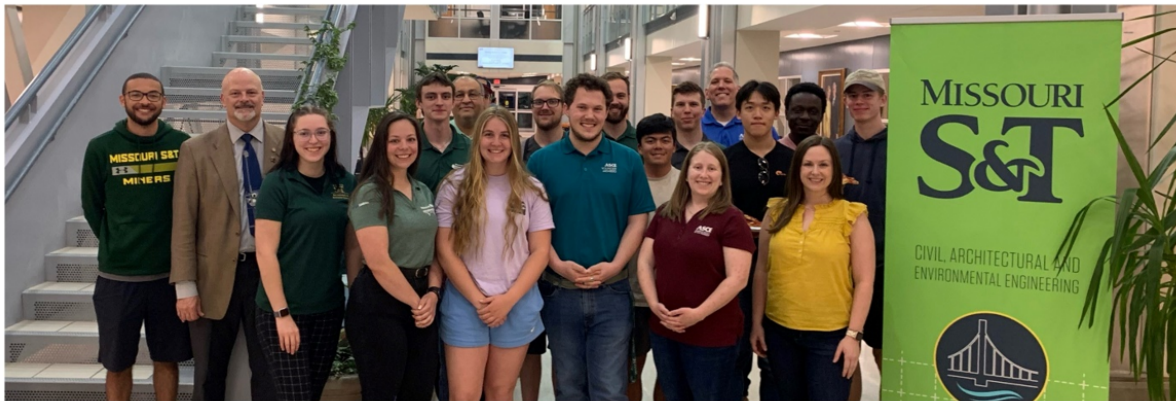
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## April Student Chapter Visits - Mizzou and S&T

**Alison Graves** visited Mizzou (her alma mater) on April 5<sup>th</sup> where she presented to the ASCE Student Chapter about her career and experiences with ASCE as a younger member and professional. She also spoke with a sophomore engineering class about all aspects of roadway engineering (and convince them to be civil engineers!).



**Alison Graves, Chris Toenjes, Nichole Witushynsky, and Brenan Pool** recently visited Missouri S&T on April 19<sup>th</sup> to meet with the ASCE S&T Student Chapter. They spoke about their career paths and ASCE in the professional world, and collaborated with student leaders and faculty on ways to better connect the Section with our Student Chapters.



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**Call for Section Award Nominations**



The Section is seeking nominations for outstanding project or colleagues deserving recognition and prestigious awards at the Annual Awards Dinner in September, showcasing the civil engineering excellence in Greater St. Louis! Self-nominations are also accepted! These prestigious awards are presented at the Annual Awards Dinner in the fall and are a great way to showcase the Civil Engineering Excellence in our Section. Qualified nominations may be forwarded for consideration in the ASCE Region 7 Awards.



**ASCE St. Louis will accept nominations for the following awards until June 1st, 2023.**

#### [Project of the Year Award](#)



This award is made annually for any engineering project that falls into the general category of civil engineering. The award is given to the owner, lead design engineer and general contractor of the project. Only engineering and construction achievements within the boundaries of the St. Louis Section are eligible. The project must have been completed and placed into operation within 5 years of the date the nomination is submitted. Basis for the Award is “an engineering project that demonstrates the greatest engineering skills and represents the greatest contribution to civil engineering progress and mankind”.

#### [Professional Recognition Award](#)



This award recognizes the importance of professional attainment in the advancement of the science and profession of engineering and is presented annually to a Member of the St. Louis Section who has made substantial contributions to the engineering profession and the St. Louis Section.

#### [Young Engineer Award](#)



This award recognizes professional contributions of younger members to the Society and to the Section and is presented annually to a Member of the Section who is less than 35 years of age.

#### [Outstanding Faculty/Practitioner Award](#)



This award recognizes any Faculty/Practitioner Advisor who supports student chapters and civil engineering students. The nominee must be active with ASCE student members in the St. Louis Section and a member of ASCE.

#### [Service to the People Award](#)



This award recognizes individuals who have performed outstanding service to people in their communities and to further public understanding and recognition.

Please submit nominations to co-chairs, [Ronald Luna](#) and [Nichole Witushynsky](#).

Guidelines and forms for nominations are available on the [Section website under "Awards."](#)

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## ASCE Elections Open Now!



[Feniosky A. Peña-Mora, Sc.D., P.E. \(DR\), NAS \(DR\), CCM \(UK\), F.CIOB \(UK\), NAC, Dist.M.ASCE](#)



[Brett C. Phillips, Ph.D., CPEng., D.WRE, F.EWRI, F.ASCE](#)

This is cordial reminder to the Section that annual ASCE elections are open for the month of May! **On the national front**, Mr. Peña-Mora and Mr. Phillips are listed above for 2024 President-Elect. **On the regional front**, incumbent Shawanna Erter, P.E., D.GE, F.ASCE is on the ballot again alongside Caleb S. Stock, P.E., M.ASCE for the role of Region 7 Governor. More information [about candidates' general bios](#) and [questions ahead of voting](#) can be found at ASCE.

Voting in the 2023 ASCE election is open now through June 1st via [ASCE.org/VoteNow](#).

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## Illinois Legislative Drive-In

On Wednesday April 19, members from the St. Louis Section attended the Illinois Legislative Drive-In at the capitol in Springfield. Past-President Jordan Pettibone and student member Phillip Hartke (SIUC) met with several members of the Illinois General Assembly with positions on transportation committees. Illinois Department of Transportation and Illinois Tollway directors gave updates on their programs.

Later in the afternoon, Jordan and Phillip met with State Senator [Erica Harriss](#) (District 56) to speak about infrastructure (right).



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## Younger Members Group (YMG)

**You don't have to be a Younger Member to come to the monthly Happy Hour socials!**

Join us as we descend upon St. Louis favorite brew-spots while always meeting new faces and enjoying a drink after the workday!

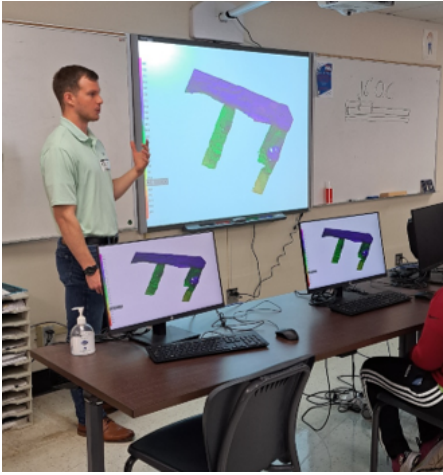
R: ASCE STL YMG Happy Hour at Global Brewery on April 6th



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## Parkway Central PLTW classroom visit

On March 30<sup>th</sup>, ASCE younger member, [Jacob Mette](#), presented at Parkway Central High School at a Project Lead the Way class, which encourages STEM classes in high school. [Project Lead the Way](#) is a non-profit organization that public schools can choose to adopt as part of their core curriculum. 14 students attended his presentation about what influenced him to be a structural engineer and what to expect during college



and early career. Two projects were talked about during the presentation and time was spent after the presentation showing the students what final construction plans look like for each project. The class was excited to see how their classwork related directly to the problems we face each day on the job.



**Thu, May 11th Narwhal's Crafted**  
@5:30pm St. Louis, MO

[RSVP via Facebook](#)

Younger Members of ASCE make up about 50% of all members in the Society ([ASCE](#)), with the YMG being open to members 35 years or younger as well as others still “young at heart.” The group is a stepping-stone for young engineers and recently graduated student members to develop professional relationships and opportunities!

Contact [Alicia](#) for any questions regarding ASCE St. Louis Younger Members Group!



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

**Institutes & Technical Groups**

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



**ENVIRONMENTAL &  
WATER RESOURCES  
INSTITUTE**  
St. Louis Chapter

### EWRI ST. LOUIS MONTHLY SPEAKER SERIES EVENT

The St. Louis Chapter of EWRI is pleased to announce our monthly webinar on **Thursday, May 18, from 12:00 - 13:00 (CDT)**. This presentation will be broadcast live over a webinar. Registration is free to ASCE members!

#### **Understanding the geomorphic impacts of riverine infrastructure across an urban-rural gradient**

Many alluvial rivers experience reduced morphologic complexity and topographic variation as the channel evolves in response to these features. Physical heterogeneity in alluvial streams is important as it provides a mosaic of interacting hydraulic and morphologic habitats over the range of annual flow conditions that supports recruitment processes, biodiversity, and ecological function in aquatic and riparian communities. We present an example of the Boise River in Idaho, a “working river” that spans both urban and rural environments, to illustrate 1) the geomorphic consequences of levee spacing and surface-water diversion structures to guide large-scale conservation and restoration efforts in a watershed.

#### **SPEAKER**

**Andrew Tranmer, Ph.D. - Center for Ecohydraulics Research (CE), University of Idaho**

Dr. Tranmer is a fluvial geomorphologist at the University of Idaho’s Center for Ecohydraulics Research. His research addresses the physical processes of complex aquatic systems and their respective influence on ecological resilience, responsible alluvial infrastructure, and river restoration. Recent work in the United States and International projects assessed reservoir operations to guide floodplain sustainability, native riparian forest dynamics, and endangered species recovery.

[Click here to sign up!](#)

Please contact **Rohan Benjankar**, ([rbenjan@siue.edu](mailto:rbenjan@siue.edu)) with questions, interest in presenting, or have topic ideas.

May 18th @ 12:00 over webinar

Thank you to our seminar sponsors, **EDM Inc.**, and **SIUE!**

Please register by May 16nd



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



**GEO-  
INSTITUTE**  
St. Louis Chapter

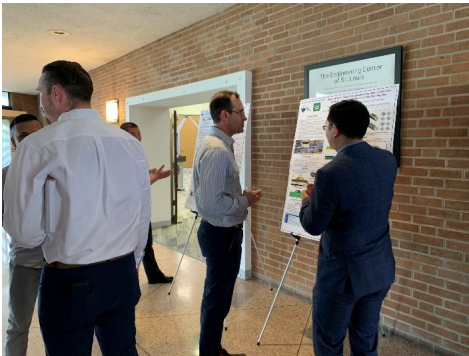
### G-I St. Louis wins Best Chapter Award

The St. Louis Chapter of the Geo-Institute is tremendously pleased to be selected to receive the Best Geo-Institute Award again. The honor goes to all committee members and everyone in chapter because of their dedication and support!

**Xiaomin You** and **Beya Kazadi** as representatives from St. Louis Chapter received the award at GeoCongress 2023 in Los Angeles, CA. Our GI members from St. Louis Chapter **Lyle Simonton** and **Marsia Geldert Murphy** also presented at this exciting moment!

Our chapter serves over 150 geo-professionals and the geo-industry in the greater St. Louis bi-state metropolitan area as well as the eastern half of Missouri. Our committee members regularly meet, both virtually and or in-person to discuss and plan the upcoming events. We

host well-attended technical events such as Geo-Structures Confluence, Case History Seminar, and webinars every year. We also have a strong history of working with and supporting five proud student chapters. We have provided donations in the form of sponsorships and scholarship opportunities to each of these student groups.



### Geo-Institute Case Histories Seminar with Student Projects

The St. Louis Geo-Institute Chapter of ASCE held the annual seminar featuring case histories and student projects on Wednesday, April 19, 2023 at the Engineering Center of St. Louis. Dr. Elvis Ishimwe with GRL Engineers, Inc talked about “Deep Foundation Testing in Midwest Area” and Allen Smith with Crawford, Murphy & Tilly gave a presentation on “MacArthur Bridge West Approach Span replacement over Broadway Avenue”. Four graduate students from SIUE and Missouri S&T did oral and poster presentations on their research projects on various topics, including soil erosion, rapid field measurement method of moisture content, triaxial tests using a Photogrammetry-based method, and hollow cellular concrete block air convection embankment. More than 40 participants, including geo-professionals, researchers, and students attended this annual event.



L-R: Lyle Simonton, Marsia Geldert-Murphy, Krystina Scott, Xiaomin You, Beya Kazadi, Sissy Nikolaou , and Jeremy Varner



## Structural Engineering Institute (SEI) St. Louis Chapter



**STRUCTURAL  
ENGINEERING  
INSTITUTE**  
St. Louis Chapter

### Call for Abstracts - Early November 2023

The St. Louis Chapters of the Geo-Institute (GI) and Structural Engineers Institute (SEI) are now accepting abstracts for the eighth annual **Structural and Geo-Confluence**. The conference will be a multi-track, full-

day event featuring technical topics and case histories presented by local and national experts.

The joint morning session will be focused on topics concerning the confluence of geotechnical and structural engineering. There will be two tracks in the afternoon: one track including sessions on geotechnical engineering and geo-environmental topics and one track focused on structural engineering topics. The conference is open to all engineering and construction professionals. Last year's conference was attended by nearly 200 people located throughout Illinois and Missouri.

The planning committee is seeking speakers to provide a 30- to 60-minute presentation focused on structural engineering, geotechnical engineering, or geo-environmental topics with specific preference given to topics that overlap these focus areas. All persons are encouraged to submit an abstract to [Patrick Kinsella](#) by July 24, 2023. Abstracts should be limited to 250 words. Once the planning committee has reviewed the abstracts, notification will be provided to the selected presenters by mid-August 2023. The submitted abstracts and presentation slides will be assembled and included in the conference publication.

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## Reinforced Concrete Products (RCP) Tours



**Have you ever wondered how reinforced concrete pipes and other products are made?**

Well now you have the opportunity to tour a reinforced concrete plant for **free** to see these products in the making. T&DI, EWRI & C-I has organized a site tour with Fred Weber at their Reinforced Concrete Products (RCP) plant that is open to all members of the St. Louis Section. The RCP tour will last about 45 minutes.

10:30, May 23

11:30, May 23

**Two tour start times are available at 10:30 AM and 11:30 AM on May 23rd.** Tours will be given rain or shine and is mostly indoors. **Please register by May 19th**, tours capped at 20 people each

Fred Weber Reinforced Concrete Products, Inc.  
12950 Gravois Road, St. Louis, MO 63127

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## 2024 Mid-America Student Symposium - Sponsorships

April 18-20, 2024

# Mid-America Student Symposium

**ASCE**  
AMERICAN SOCIETY OF CIVIL ENGINEERS

Cohosted by

MISSOURI **S&T**  
and  
Missouri  
State

## ASCE Student Chapters

Benedictine College  
Dordt University  
Iowa State University  
Kansas State University  
Missouri State University  
Missouri University of Science and Technology  
Saint Louis University  
South Dakota State University  
Southern Illinois University of Carbondale  
Southern Illinois University of Edwardsville  
University of Iowa  
University of Missouri - Kansas City  
University of Missouri  
University of Nebraska-Lincoln  
University of Nebraska-Omaha  
William Jewell College

## Introduction

The ASCE Mid-America Student Symposium provides the opportunity for ASCE chapters throughout the region to compete and showcase their civil engineering abilities. The 2024 Symposium will be hosted at Missouri University of Science and Technology in Rolla, Missouri April 18th-20th.

## Sponsorships

In preparation for the 2024 Symposium, we are searching for sponsors to help make this event a success. If your company is interested in contributing to the symposium, please contact Garrett Coggin at [gac8cx@mst.edu](mailto:gac8cx@mst.edu).

We are currently working to finalize our sponsorship levels and benefits, but would be happy to discuss current sponsorship opportunities!

## Competitions

The 2024 Mid-America Symposium will host Concrete Canoe, Steel Bridge, Symposium Paper, FE Quiz Bowl, Surveying, and more favorites based on the feedback we receive from the 2023 Symposium!

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**GSITE Partners Golf - Save the Date**





# SAVE THE DATE!

## 28<sup>th</sup> Annual Partners Golf Classic



### Thursday, September 28, 2023

Lunch @ 11AM, Shotgun @ 12:30PM

The Falls Golf Club

1170 Turtle Creek Drive, O'Fallon, MO

#### PARTNERS GOLF CLASSIC

is a collaboration between transportation industry partners of Eastern MO and Southern IL. Partners include local and state governments, design consultants, highway contractors, and suppliers.



Shriners Hospitals for Children™



The Leukemia & Lymphoma Society  
Fighting Blood Cancers

#### 4 Person Scramble

#### NEW IN 2023: LIVE SCORING!

Registration & sponsorship information coming soon

All proceeds benefit our featured charities. Together, we've raised over \$300,000!!

#### INCLUDES

- Driving Range Balls
- Attendance Gifts
- Beverages on Course
- 8 Contest Holes
- Team Putting Contest
- Lunch & Awards Dinner
- Attendance Prizes
- Premium Golf Classic
- Polo (optional)
- LOTS OF FUN



#### Your GSITE Partners Golf Classic Committee

Kelly Schaefer (Chair) - Jeff Rensing - Travis Pfeiffer - Linda Horn - Bill Vondera - Mike Erdtmann  
Justin Wagner - Nick Sokolis - Mike Brown - Ashley Fillback - Phil Pierson - Amanda Brauer

### Student Chapters of the Section



Brynnleigh Weaver, *President*  
Joel G. Burken, Ph.D., *Faculty Advisor*  
[linktr.ee/ASCE\\_MST](https://linktr.ee/ASCE_MST) | [ASCE.MST.EDU](https://ASCE.MST.EDU)

Mikayla Elkins, *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*

[SIUE.CampusLabs.com/ASCE](https://SIUE.CampusLabs.com/ASCE) | [ASCE SIUE Facebook](#)



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

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



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## ASCE Missouri S&T Student Chapter

# Missouri S&T ASCE

The Missouri S&T ASCE Chapter has had a semester full of wonderful presenters as well as social and service activities.

Recently, our Concrete Canoe and Steel Bridge Design Teams competed in the 2023 ASCE Mid-America Student Symposium. Overall, it was a great experience and Missouri S&T is looking forward to co-hosting next year's symposium with Missouri State!



Our chapter had a great meeting with ASCE STL Section President Alison Graves and other section members on April 19th about Civil Design Inc. and involvement with ASCE during and after college!

## Steel Bridge Design Team



The Missouri S&T Steel Bridge Design Team earned 1st place in categories of Aesthetics, Stiffness, Construction Speed, Construction Economy, Structural Efficiency, and Cost Estimation. Additionally, the team placed 2nd in Lightness. The team earned 1st place overall, making this their 5th consecutive regional victory!

## Concrete Canoe Design Team

The Missouri S&T Concrete Canoe Design Team earned 4th place with their Project Proposal and 5th place with their Technical Presentation. Despite the canoe cracking in transit to the competition and being ineligible to compete in races and the display portion, the team placed 7th overall out of 12 teams!



[asce.mst.edu](http://asce.mst.edu)



ASCE at Missouri S&T



asce\_mst

## ASCE SLU Student Chapter

[ASCE SLU Student Chapter](#) participated in the ASCE Mid-America Student Symposium in Manhattan, Kansas April 13-15, 2023. It was great to meet ASCE student members from other universities in the region and make connections with judges and professionals. The SLU chapter earned an



overall ranking of **second place out of 16 teams** and earned first or second place in six competitions! The chapter looks forward to continuing their success at next year's conference. The chapter members would like to thank industry partners who supported SLU's participation in the symposium.



**Platinum sponsors:**

Seiler Geospatial, M3 Engineering Group, Lochmueller Group

**Gold sponsors:**

Gray Manufacturing Industries (GMI), CBB Transportation Engineers + Planners, Civil Design Inc. (CDI), Badger Plug Co., HDR, Visual Pack, Wallace Design Collective; Silver sponsors: Prairie Engineers

**Bronze sponsors:**

Keller, HG Consult, Special Inspection and Design.

**Employment Opportunities**

ASSISTANT PROFESSOR - CIVIL ENGINEERING (ENVIRONMENTAL ENGINEERING)

OPEN RANK, PROFESSOR OF TRANSPORTATION ENGINEERING - TAYLOR GEOSPATIAL INSTITUTE

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