

**April 2024 Newsletter**

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*The Arch* April cover

- [Gary R. Lucy](#)

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## April

- 1 - The Arch April 2024
- 2 - St. Louis Section Board Meeting
- 7 - World Health Day
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- 18-20 Mid-America Student Symposium
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- 23 - Cities of the Future: STL Showing
- 24 - G-I GeoLegends Panel Event

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## 2024 Section Board of Directors

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### *From the President*

Like all Americans, I was horrified to wake up on the morning of March 26 to the images of the [collapse of the Francis Scott Key Bridge](#) over the Patapsco River in Baltimore after being struck by the container ship, *Dali*. This tragedy is difficult for all who work to protect public health, safety, and welfare, as civil engineers do. It especially hits home for anyone that has found themselves wearing a safety vest, hard hat, and PPE during nighttime lane closures of a roadway project. I pray for the victims and their families. God bless the first responders. We will surely learn a great deal from this horrible accident. There is no doubt that the civil engineering and construction communities will rise to the occasion to recover from this tragedy, reopen the Port of Baltimore, and rebuild the bridge over the Patapsco River.

As we come to grips with the heartbreak in Baltimore, we look forward to April for the ASCE St. Louis Section. It is important to honor the people that have led the way in our profession. We will do just that at our [April Luncheon on Wednesday, April 10](#) when we honor **11 new life members**. These individuals have contributed to the Civil Engineering profession for a

**Past President**  
[Alison Graves](#)  
Civil Design, Inc.

sustained period. They have served as mentors many of us. I'm proud to say that two of this year's honorees, **Ken Burg** and **David Beardsley**, were mentors of mine early in my career.

The wait is almost over for the [Mid-America Student Symposium](#) that will be co-hosted by Missouri S&T and Missouri State University on April 18–20. Seventeen (17) student chapters will convene on the campus of Missouri S&T to compete, learn, and get to know new people. The best-known competitions are the **Concrete Canoe** and **Steel Bridge**; however, there will be a wide array of events. Other events include a Surveying Competition, a Concrete Bowling Ball Competition, and a 3-D Printed Bridge competition, among others. What a great opportunity for our student members to make memories that will last a lifetime. There may still be opportunities to volunteer if you are interested in getting involved.

Finally, I am very excited to announce that ***Cities of the Future***, ASCE and MacGillivray Freeman Film's giant screen feature film, will show at the Saint Louis Science Center on May 3; but, as an ASCE member you don't have to wait that long! The ASCE St. Louis Section will be hosting a private screening of the film on the evening of **Thursday, April 25 at the Saint Louis Science Center that will be free to our members!** Check out the [film's trailer here!](#) We will be joined by Missouri middle and high school students that have competed in the Future's City competition as well as other students from the area. You will also be able to explore [ASCE's virtual reality experience Mega City and Floating City](#). Popcorn and soft drinks will be served, doors open at 5:30, and the film will start at 6:30. Seating is limited so register today!

I look forward to seeing many of you at the *Cities of the Future* screening on April 25!

## **Christopher Toenjes**

2024 St. Louis Section President

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### **April 2024 Section Luncheon**

ASCE St. Louis Section is proud to partner with [Missouri Society of Professional Engineers \(MSPE\)](#) to host **Michael Buechter** at our upcoming April luncheon, presenting ***David Bernard Steinman and the Power of the PE.***



#### **Michael Buechter**

Michael T. Buechter, P.E., BC.WRE, F.EWRI, is a Program Manager at the [Metropolitan St. Louis Sewer District \(MSD\)](#) where he manages a diverse and talented team responsible for the preparation of construction documents for small to mid-sized projects, administration of several



consulting engineering contracts, and administration of [MSD's Small Contractor Program](#).

Michael received his BSCE degree from Missouri S&T in 1990, as well as specializing in Water Resources with his MSCE degree from OSU in 1997. He has served as Director of the [Engineers' Club of St. Louis](#) from 2013-2015, [2016 Section President of ASCE St. Louis](#), Past Chair of EWRI St. Louis Chapter from 2013-2015, past member of the EWRI Governing Board (Society-Level), Past Chair of the [Member Service Executive Committee of the EWRI](#) (Society-Level), and 2020 Chapter President of [MPSE St. Louis Chapter](#). He current serves as [Vice President of MSPE](#) (state-level).

**Register for this event!**

**Register by April 3rd!**

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

**When:** Wed, April 10th @ 12:00

Registration at 11:30, lunch served at 11:45, and program begins at 12:00. One (1) PDH is available from this program.

**Where:** [IL Monastero Banquet Center](#), Saint Louis University

**Special thanks to our venue host**

[Saint Louis University](#) and [SLU Department of Civil, Computer and Electrical Engineering!](#)



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## 2024 ASCE Legislative Fly-In



On February 28-29, more than 250 ASCE members from 47 states, the District of Columbia and Puerto Rico, attended the [2024 Legislative Fly-In](#) in Washington D.C. **Dennis Boll** and ASCE President **Marsia Geldert-Murphey** participated from the St. Louis Section, along with **Otto Lynch** from Springfield, and **Bayley Brooks** and **Danny Hotson** from Kansas City. The event started at the Hyatt Regency Capitol Hill with a welcome address from Marsia, a keynote presentation from U.S. Representative Rick Larson (WA-02), and National Journal Editor in Chief Jeff Dufour, and a panel discussion on Building for the Future, developing resilient infrastructure. Day 2 started with a keynote from Sarah Kapnick, Chief Scientist with the National Oceanic and Atmospheric Administration (NOAA), and panel discussions with Biden administration officials. In the afternoon, we walked to Capitol Hill and met with Senators

and Representatives of Missouri, where we shared our civil engineering experiences and issues briefings on [Federal Aviation Administration \(FAA\)](#) and [Water Resources Development Act \(WRDA\)](#) reauthorizations, building resilient infrastructure, and finding and educating engineers for the future. We capped off the day at a reception regaling our stories from our Capitol visits.

To get more involved with our Drive-In and Fly-In programs, contact Government Relations Chair [Dennis Boll](#) or State Advocacy Captain [Alison Graves!](#)



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## Engineers Day at the St. Louis Rotary Club

On March 7th, members of ASCE STL attended the [St. Louis Rotary Club's Engineer's Day](#) luncheon at the Missouri Athletic Club downtown featuring Missouri S&T Chancellor [Mo Deghani](#).



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## Eads Bridge at 150 years old - Opening Day Celebration



Be the first to see this special atrium exhibit celebrating 150 years of St. Louis' most famous bridge. While most associate him only with the historic bridge that bears his name, **James Eads** spent his life solving complex engineering problems and defying expectations at every turn. Follow Eads's fascinating story up, down, and even under the Mississippi River and beyond. At the opening celebration of [Eads Bridge at 150](#), enjoy

light pastries at 10:00 followed by an 11:00 presentation by [STL Public Historian Amanda Clark](#).

**Register for the event!**

**When:** Sat, April 6 @ 10:00

[Jeffrey Fouse](#), History & Heritage  
Chair

**Where:** Lee Auditorium, [Missouri History Museum](#)

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### **See you at the movies!**

Join ASCE STL as we show [ASCE's brand new feature film: Cities of the Future](#) at the Saint Louis Science Center on April 25th. Tickets are *free* but *limited*, so grab yours today!

Secure tickets here! [#CitiesOfTheFuture](#)

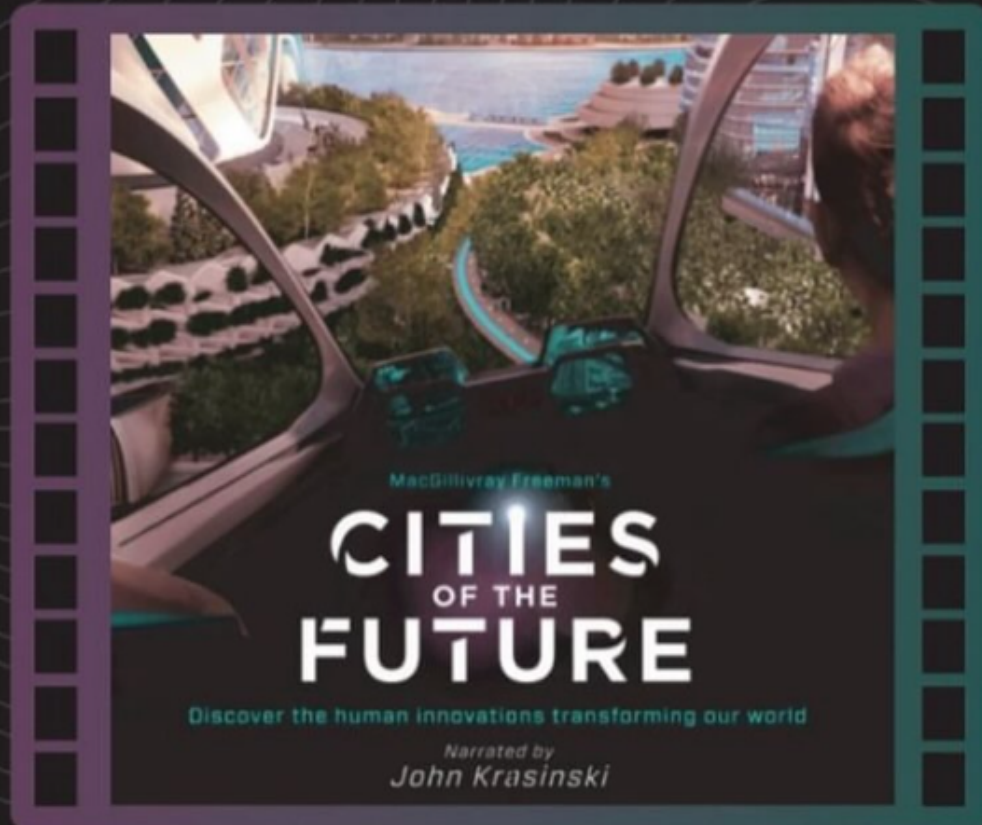
# American Society of Civil Engineers St. Louis Section presents

Thursday April 25, 2024

St. Louis Science Center OMNIMAX Theater

Doors open at 5:30PM Movie at 6:30PM

Complimentary snacks



**A PRIVATE SCREENING for student groups and ASCE Members**

Join us before the showing for interactive displays and VR experience!

For more information contact Chris Toenjes at [chrisatoenjes@gmail.com](mailto:chrisatoenjes@gmail.com)

Sign up here



**ASCE**  
AMERICAN SOCIETY OF CIVIL ENGINEERS

View trailer



## Call for Section Volunteers



The Section is looking for more volunteers to become involved and lead our amazing committees. Build leadership skills, give back to your Section, meet new friends... it's wins all around! We're here to serve ASCE STL, but come serve alongside us.

Reach out to [any Board of Director or Section volunteer](#) to get involved!



- Government Advocacy
- Membership Champion
- Pre-College (K-12) Outreach
- Student Involvement Outreach
- Sustainability
- Specialty Institutes & Groups
- Annual Dinner & Awards
- Communications & Website
- Diversity & Inclusion
- Fundraising
- History & Heritage
- Life Members
- Programs
- Scholarships

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## Call for Region 7 Award Nominations



ASCE Region 7 is seeking nominations for outstanding projects and individuals to be recognized from Sections and Branches in Region 7. Categories include:

- Outstanding Younger Member
- Outstanding Faculty/Practitioner Advisor
- Lifetime Achievement
- Outstanding Student Leadership

Highlight a project or colleague deserving recognition - **nominations are due April 30th!**

Nominate someone for Region 7 Awards!



### Younger Members Group (YMG)

Thank you to all who attended our recent webinar: Road to Professional Engineering Licensure. Alicia Padilla, P.E., spoke to younger members and students about how to obtain a P.E. license and what to expect when taking the FE and PE exams.

The presentation was well-received with plenty of questions after the webinar. We look forward to having more technical events specifically for younger members!

#### Upcoming YMG Events

- [April Happy Hour - Westport Social](#)
  - Thu, April 11 @ 17:30
- [May Happy Hour - City Foundry](#)
  - Mon, May 11 @ 17:30

#### Younger Members Chair

[Alicia Padilla](#)

Special Inspections & Design



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



**ENVIRONMENTAL & WATER RESOURCES INSTITUTE**

St. Louis Chapter

***Spring Symposium is a wrap!***

Thank you for attending and presenting at our 2024 Spring Symposium and Monthly Speaker series!

***Upcoming EWRI STL Events***

- Check back in Mid-Month Update!

**EWRI STL Chair**

Jiaman Xu

Civil Design, Inc.



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



**GEO-INSTITUTE**

St. Louis Chapter

***Geo-Legends Panel Discussion & Student Projects***

Join Geo-Institute St. Louis Chapter for our upcoming [Geo-Legends Panel Discussion](#) night with student project presentations! Suggestions on future speakers of topics from research or case histories are welcome!

Lessons learned and panel discussions with our local Geotechnical legends.

- [Marsia Geldert-Murphey, P.E.](#), ASCE President
- [Tom Cooling, P.E.](#), D.GE
- [Allen Minks, P.E.](#), F. ASCE

Student research posters will be on display, and selected students will give brief presentations.

**Register here today!**

GeoLegends Panel Discussion  
April 24th @ 17:00

**Register today!**

**When:** Wed, April 24th @ 17:00

Registration and networking at 17:00, dinner served at 17:30, student posters presented at 18:00, program begins at 18:30. 2.5 PDHs are available from this program.

**Cost:** \$40.00 for ASCE Members; \$50.00 for Non-ASCE Members; \$20.00 for Full Time Students. RSVP needs to be completed online. Registration includes dinner and two drinks. Vegetarian meals are available upon request.



Where: [IL Monastero Banquet Center](#), Saint Louis University

A limited number of sponsorship opportunities are available for this event. If interested, please contact [Travis Kassebaum](#) or [Zachary Fallert](#)!

### Upcoming GI STL Events

- Geo-Legends Panel Discussion & Student Projects Showcase
  - [Wed, April 24 @ 17:00-21:00](#)

### G-I STL Chair

Xiaomin (Sophie) You  
WSP USA



## ST. LOUIS 2024 WORK ZONE AWARENESS RUN

*Timed 5K, 1-Mile Fun Run,  
or Virtual Participant*

**SAT., APRIL 20 @ 8 A.M.**

**MoDOT Transportation  
Management Center**  
14301 S Outer Forty Road  
Chesterfield, MO 63017

**Register to run [here.](#)**

[runsignup.com/Race/MO/Chesterfield/WorkzoneAwareness5K](https://runsignup.com/Race/MO/Chesterfield/WorkzoneAwareness5K)

**#STLWZARUN**





**I STRUCTURAL  
ENGINEERING  
CONFERENCE**

### **About the Conference**

The conference is designed for professionals in structural engineering to gather in Champaign-Urbana to discuss exciting new developments in the field, gain timely job-related information, network with colleagues, and renew their sense of professional purpose. The participants are a diverse group of engineers from local, state, and federal agencies; consulting and contracting firms; and universities.

### **Conference Planning Committee**

The Conference program was developed by a distinguished group of practicing structural engineers from the Chicago, Central Illinois, and St. Louis regions, in cooperation with the structural engineering faculty of the University of Illinois at Urbana-Champaign.

### **Professional Development Hours**

The conference will provide 7.0 professional development hours (PDH) for professional engineers.

### **Register Today!**

<https://my.cee.illinois.edu/isec-2024>

**Thursday, April 4, 2024**

**I Hotel and Conference Center**

**1900 S. First Street, Champaign, IL 61820**

<https://structures.cee.illinois.edu/structural-engineering-conference/>

**I ILLINOIS**

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Join us and our distinguished group of regionally and nationally known speakers at this year's conference.  
In cooperation with the Department of Civil, Architectural and Environmental Engineering at Missouri S&T and Missouri LTAP.

# MISSOURI CONCRETE CONFERENCE



## REGISTRATION OPEN

APRIL 23-24, 2024 | Havener Center, Rolla, Missouri

[CONCRETE.MST.EDU](https://concrete.mst.edu)



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### 2024 Mid-America Student Symposium - Sponsorships

Last month to donate to support our students!



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](mailto:gac8cx@mst.edu) or [kabng6@mst.edu](mailto:kabng6@mst.edu).

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NOTICE: Due to increasingly amazing content, we're formally splitting *The Arch* into a biweekly publication with the *Mid-Month Update* delivering Section updates and student chapter news to you!

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CIVIL/TRANSPORTATION ENGINEER  
WATER/WASTEWATER ENGINEER  
STRUCTURAL ENGINEER

MILITARYWORKS - VARIES

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UMSL/WashU JOINT ENGINEERING - ST. LOUIS, MO

**UMSL** Joint Engineering  
University of Missouri—St. Louis  
with Washington University in St. Louis

CIVIL ENGINEER POSTINGS

ROESLEIN & ASSOCIATES - ST. LOUIS, MO



ENGINEERS • MANUFACTURERS • CONSTRUCTORS

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### ASCE St. Louis Section

Engineering Center of St. Louis  
St. Louis, MO  
[asceSTL.org](http://asceSTL.org)

[Unsubscribe](#)

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