

March 16, 2022

Items included in this ACEC Missouri Weekly Update are listed below.

- **Upcoming Events** (*Deadline Extended to Register for ACEC/MO & PSMJ A/E/C Principals Bootcamp on April 12-13; Register for ACEC/MO 1st Annual CECMO/PAC Golf Tournament on May 2; Save the Date - ACEC Midwest States Conference on June 8-13 in St. Croix, U.S. Virgin Islands*)
- **Industry News** (*ACEC Research Institute Study Shows QBS Saves Clients Time and Money; MSD Disparity Study Update Community Presentation on March 23; Cybersecurity Preparedness Update; Mental Health in the Workplace Podcast*)
- **Liaison Committee News** (*Missouri Department of Transportation - St. Louis Liaison Committee*)
- **Past Meeting Highlights & Awards** (*Highlights from ACEC/MO's Winter Meeting & Awards Banquet on February 24-25; ACEC/MO 2022 Engineering Excellence Awards; ACEC/MO Strategic Plan Retreat on March 10*)
- **Member Information & Calendar** (*Member News; Calendar of Events*)

If there is something you would like us to include in the weekly updates, or if you need anything else, please contact the ACEC/MO staff: [Morgan Mundell](#) or [Dawn Hill](#).

UPCOMING EVENTS

Deadline Extended to Register for ACEC/MO & PSMJ A/E/C Principals Bootcamp on April 12-13

WHEN: **April 12-13, 2022 in Columbia, MO**
WHERE: **Drury Plaza Hotel Columbia East**
REGISTRATION DEADLINE: **March 21, 2022**

A/E/C
PRINCIPALS
BOOTCAMP®

ACEC/MO, for the first time, is partnering with PSMJ Resources, Inc., a leading source for the latest on design management consulting, to host the renowned A/E/C Principals Bootcamp scheduled for **April 12-13, 2022**. It will be held at the **Drury Plaza Hotel Columbia East, Columbia, MO**. This 2-day workshop is guaranteed to give you proven skills to improve project delivery, financial performance, client satisfaction, and much more. For detailed information on this exceptional program or to register for the program, [click here](#). The deadline to register has been extended to **March 21, 2022**, to receive a special member discount. Registrants have the option to pay by check or by credit card. If you have any questions, please contact Dawn Hill at 573-634-4080 or email at DawnHill@acecmo.org.

Register for ACEC/MO 1st Annual CECMO/PAC Golf Tournament on May 2

ACEC/MO is hosting the 1st Annual CECMO/PAC Golf Tournament scheduled for **Monday, May 2, 2022**. It will be held at the The Club at Porto Cima, 133 Club House Drive, Sunrise Beach, MO 65079. Registration begins at **10:00 AM** followed by a shotgun start at **10:30 AM**. ACEC/MO members can also bring clients and guests to play in the tournament. There is a maximum of 60 players available. If you have any questions, please contact Dawn Hill at 573-634-4080 or email at DawnHill@acecmo.org.



REGISTRATION INFO:

The cost is **\$200** per person, which includes green fees, cart, lunch, prizes and more. You can register as an individual or you can register up to 8 people. The deadline to register is **April 14, 2022**. Register **online** for the golf tournament or **download the form** to send with a check. *Individual and corporate checks are welcome for payment.* Information is also available on our [website](#).

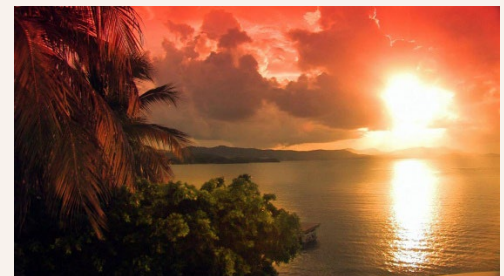
SPONSORS:



Save the Date - ACEC Midwest States Conference on June 8-13 in St. Croix, U.S. Virgin Islands

We are working on programs for the ACEC Midwest States Conference scheduled for **June 8-13, 2022** in **St. Croix, U.S. Virgin Islands**.

To see the draft schedule of events, [click here](#). Details to make your sleeping room reservations are listed below. As soon as we have the programs finalized for the meeting, we'll send out registration information. If you have any questions, please contact Dawn Hill at 573-634-4080 or email at DawnHill@acecmo.org.



HOTEL INFORMATION:

The Buccaneer Beach & Golf Resort, St. Croix, U.S. Virgin Islands

Room Rate: \$325 - Oceanview / \$521 - Oceanfront

Reservations: Call 800-255-3881 and refer to "ACEC Group". Book online at www.TheBuccaneer.com by going to "Meetings", then clicking the "group code booking engine" button. Enter "ACEC22" promo code. Email reservations@thebuccaneer.com and refer to the "ACEC Group".

Deadline to make your sleeping room reservation: **May 2, 2022**.

INDUSTRY NEWS

ACEC Research Institute Study Shows QBS Saves Clients Time and Money

The ACEC Research Institute released a comprehensive study today that found federal and state projects using Qualifications-Based Selection (QBS) procurement methods had lower project costs and better on-time delivery versus selecting firms based on the cheapest bid. The study, conducted jointly by Paul S.

Chinowsky of the University of Colorado Boulder and Gordon Kingsley of the Georgia Institute of Technology, builds upon previous research which found similar benefits in the use QBS by government agencies in terms of cost savings and project success.

Key findings include:

- QBS saves money—projects where QBS was used to procure engineering services experienced less cost growth (3 percent) versus the national average (6 percent).
- QBS saves time—QBS projects perform better in terms of project delivery time, experiencing less schedule growth versus the national average (7 percent with QBS versus 10 percent without).
- QBS produces higher levels of client satisfaction—(89% of QBS projects receiving “high” or “very high” satisfaction ratings from project owners).
- QBS promotes innovation—Projects incorporating QBS have a greater likelihood of producing innovative solutions.

Click [here](#) to view the free report.

SAVINGS, INNOVATION & EFFICIENCY

An analysis of QBS
in the Procurement of
Engineering Services



MSD Disparity Study Update Community Presentation on March 23

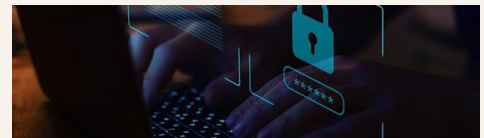
The Metropolitan St. Louis Sewer District along with Mason Tillman Associates, LTD will deliver its Disparity Study Update results virtually on

Thursday, March 23rd at 1:00 PM. The presentation is open to the public, but registration is required. [Click here](#) to register. To see more details on the presentation, [click here](#). Following the presentation, Disparity Study documents including the presentation will be made available on MSD’s website www.msprojectclear.org.



Cybersecurity Preparedness Update

by the ACEC Business Insurance Trust / Greyling Insurance Brokerage Risk Consulting, a Division of EPIC



The crisis situation in Eastern Europe involving the countries of Russia and Ukraine has erupted into an armed conflict. There is a very high probability of the cyber-attacks moving to anyone Russia deems a possible ally such as NATO countries including the United States. As an organization you should be prepared and reviewing your business continuity plans (BCP). This should also include reaching out to critical vendors and partners to determine how they are preparing for the impact of this potential threat. Work with stakeholders to identify critical systems/data & ensure offline backups are sufficient. Some key areas to review in this process:

- Detect lateral movement: Focus on a) enabling additional logging for SMB, RDP & SSH, b) disabling these protocols where not required & c) deploying internal network monitoring.
- Position network monitoring: Enable firewall logging at the perimeter & on Windows endpoints, configure NetFlow collectors inside the perimeter & configure DNS logging on DNS servers.
- Secure business-to-business VPNs: Inventory all B2B VPNs, implement monitoring & determine triggers for disconnecting them to limit risk exposure.

Resources for reference:

- [CISA](#)
- [Free Cybersecurity Services and Tools from CISA](#)
- [UK's National Cyber Security Centre](#)
- If you are concerned about a critical service, [Down Detector](#) may provide insight as to the impacted area and duration of the service outage.

Ensure Your Team is Prepared

Have your team increase their diligence both at work and home to unusual or suspicious activity. Look at emails, links, and websites closely before clicking or responding. Specific actions:

1. Be extra vigilant on emails and forward suspicious emails following your entities specific IT guidelines.
2. [Practice good cyber hygiene.](#)
3. Ensure all passwords on your home systems such as routers, wifis, and any other Internet of Things (IOT) are not factory default.
4. Review your passwords on standalone systems both at work and at home.
5. [Do not reuse passwords and ensure the passwords are complex.](#)

In Summary

A major cyber-attack resulting from the conflict is a likely result to break up communications and supply lines. It is a much easier, non-kinetic, deniable attack method that can be launched from anywhere in the world. These attacks could easily interrupt your daily activities. As you go through your day-to-day routine, try to think of what you would do in the event of an attack that might take down your systems.

Mental Health in the Workplace Podcast

by Michael Creamer, Executive Account Director, Cushman & Wakefield

Rianne Appel is an Associate Professor in Corporate Real Estate & Workplace at the Department of the Built Environment (Eindhoven University of Technology). Rianne researches the management of Corporate Real Estate (CRE). She focuses on location, building and workplace design choices as drivers of user experience.



As mental health problems continue to increase across the world, any return to a physical workspace must focus on supporting employees. Listen in as Michael Creamer and Rianne Appel discuss how research can help us to understand some of the challenges businesses now face. [Click here](#) to listen to the podcast.

LIAISON COMMITTEE NEWS

Missouri Department of Transportation - St. Louis District Liaison Committee

The ACECMO / MoDOT (St. Louis District) Liaison Committee met virtually on February 3, 2022. ACEC/MO members in attendance included: Dan DeArmond, Buddy Desai, Mike



Erdtmann, Howard Gotschall, Nate Leach, Tom Lohman, Linda Moen, J.C. Murray, and Don Wichern. The committee discussed the below items along with more discussion items.

- MoDOT Staff Changes Since Last Meeting
- Discussion with Tom Blair
- Discussion with Tom Evers
- Consultant Update
- St. Louis Upcoming Consultant Opportunities
- Major Project Update.

The next meeting should be scheduled for some time in June. [Click here](#) to see the minutes from this meeting. You can also go to our [website](#) to see these meeting minutes along with the most recent meeting minutes.

PAST MEETING HIGHLIGHTS & AWARDS

Highlights of ACEC/MO's Winter Meeting & Awards Banquet on February 24-25

ACEC/MO's Winter Meeting & Awards Banquet was recently held on February 24-25, 2022 in Kansas City. Highlights from the meeting are shown in the photos below.



Environmental Committee Meeting with guest speaker Rebecca B. Losli, P.E., Director of Engineering, Missouri American Water Company.



Governmental Affairs Committee Meeting with guest speaker Mark Rhoads, lobbyist for ACEC/MO.



Luncheon with speaker Ed Hassinger, P.E., Deputy Director/Chief Engineer, Missouri Department of Transportation.



Breakfast Program on Generational Differences in the Workplace with speaker Mark Williams, P.E., Midwest Aviation Leader, Garver.



CEO Roundtable (Small/Medium Firms).



CEO Roundtable (Medium/Large Firms).



Members attended our annual Awards Reception to honor EE award winners.



Quarterly Board of Directors / Membership Meeting.

Meeting Sponsors:

Please help us thank the below list of sponsors for our meeting and awards banquet. They helped us make the meeting a huge success.

GOLD SPONSORS



SILVER SPONSORS



ACEC/MO's 2022 Engineering Excellence Awards

As part of ACEC/MO's Awards Banquet on February 24th, we recognized member firms that won an Engineering Excellence Award. This past November, we had a panel of 6 judges that had the challenging task of judging the project entries and selecting the award winners.



Below are photo highlights of firms that won an award and were presented awards during our awards banquet on February 24th in Kansas City. If you would like to see more information on the winning project entries, go to our [website](#). Congratulations to all the winning firms!

GRAND CONCEPTOR AWARD

CDM Smith Inc.

Project: Co-Digestion to Renewable Gas (RNG)
Pipeline Injection
at the Des Moines, Iowa, Water Reclamation Facility

SMALL FIRM AWARD

Reitz & Jens, Inc.

Project: Gravois Greenway to River des Peres
Greenway

GRAND AWARDS

Bartlett & West, Inc.

Project: Interstate 70 - Mineola Hill Climbing Lanes

Bartlett & West, Inc.

Project: Using Smart Technologies to Assess KCMO's
Sidewalks

CDG Engineers, Inc.

Project: Laclede's Landing Improvement Project

CDM Smith Inc.

Project: Target Green West Marlborough Green
Infrastructure

Crawford, Murphy & Tilly, Inc.

Project: Webster County US Highway 60 Rail Study

HNTB Corporation

Project: CID Green Infrastructure Project

HONOR AWARDS

Burns & McDonnell

Project: Gravois Trunk Sanitary Storage Facility
(Pardee Ln and Pardee Rd)

CBB

Project: Traffic Management Enhancements Phase 3

Crawford, Murphy & Tilly, Inc.

Project: Stratmann Pump Station Replacement

George Butler Associates, Inc.

Project: Trolley Trail Basin

HDR Engineering, Inc.

Project: I-435 / I-70 Partial Turbine Interchange

Horner & Shifrin, Inc.

Project: Saline Creek Wastewater Treatment Facility
Upgrade

ACEC/MO Strategic Plan Retreat on March 10



Members of ACEC/MO's Long Range Planning Committee and ACEC/MO staff met on March 10, 2022 at Echo Bluff State Park for a strategic planning session to chart ACEC/MO's goals and objectives. Rebecca Gordon, The Rebecca Gordon Group, did an excellent job moderating the meeting.

MEMBER INFORMATION & CALENDAR

Member News

Affinis Corp. is pleased to announce that **Kristen Leathers-Gratton, P.E.**, received the Engineer of the Year award at the KSPE Eastern Chapter E-Week Conference.

Anderson Engineering, Inc. is proud to announce they are listed as one of the Top Engineering Firms in Kansas City by the Kansas City Business Journal. They are also pleased to announce that **Logan Ellis** successfully passed the Professional Engineer exam.

Crawford, Murphy & Tilly, Inc. is excited to announce the following staff additions: **Craig Huckaby** as construction inspector in the Springfield office; and **Erica Waelterman** as aviation engineer in the St. Louis office.

HNTB Corporation is pleased to announce that **Gretchen Ivy, P.E.**, named the firm's Central States office leader, overseeing offices in Missouri, Kansas, Oklahoma and Iowa.

Oates Associates, Inc. is pleased to announce that **Michelle Spillers, P.E.**, was recently appointed as a representative on the WTS Central Region Council. As a member of the Central Region Council, she will help coordinate with the surrounding 10 chapters to share best-practices, leverage programming and continue to advocate for women in the industry

SCI Engineering, Inc. is proud to announce that **Shawna Erter, P.E.**, recently received the Missouri Society of Professional Engineers (MSPE) 2022 Outstanding Professional Engineer in Private Practice Award.



Calendar of Events

April 12-13, 2022 - ACEC/MO & PSMJ A/E/C Principals Bootcamp, Columbia
May 2, 2022 - ACEC/MO 1st Annual PAC Golf Tournament, Porto Cima, Sunrise Beach
May 4-5, 2022 -- ACEC/MO Future Leaders Academy, St. Charles
May 22-25, 2022 - ACEC Annual Convention & Legislative Summit, Washington, DC
June 8-13, 2022 - ACEC Midwest States Conference, St. Croix, U.S. Virgin Islands
June 15-16, 2022 -- ACEC/MO Future Leaders Academy, Independence
July 20, 2022 -- ACEC/MO Future Leaders Academy, Virtual
August 24-25, 2022 -- ACEC/MO Future Leaders Academy, Osage Beach
August 25, 2022 -- ACEC/MO 6th Annual ACEC/PAC Golf Tournament, Osage Beach
August 25-26, 2022 -- ACEC/MO Summer Meeting, Osage Beach
October 16-19, 2022 -- ACEC Fall Conference, Colorado Springs, CO
November 3-4, 2022 -- ACEC/MO Fall Meeting, Columbia



Newly added events are italicized. To see a complete calendar of events, go to ACEC/MO's [website](#).