



**April 2019**

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## 2019 Annual Meeting Hold the Date – Thursday, May 16



Hold the date for the Annual Meeting on Thursday, May 16, 2019 at the new University of Minnesota Bell Museum!

ACEC/MN President, Dan Larson of American Engineering Testing, Inc., will highlight significant ACEC/MN accomplishments and introduce the 2019-20 Board of Directors. The 2019 Tom Roche Award winner will be recognized, as well as the recipients of the President's Award, Firm of the Year, and the Emerging Leader Award. Before the evening comes to a close, our current president will pass the gavel to incoming president, Sirish Samba of Sambatek, Inc. You won't want to miss the festivities!

ACEC/MN members will have exclusive access to the museum, including exhibits, dioramas, and the planetarium. Enjoy drinks and hors d'oeuvres with your friends, wander through the exhibits, and take in a show in the planetarium.

Parking is \$5 in the [Bell Museum's](#) parking lot on site.

2088 Larpenteur Avenue W  
St. Paul, MN 55113

A special thanks to our Museum Sponsors - **Alliant Engineering, Inc.**, **Barr Engineering Co.**, and **Palanisami & Associates, Inc.**



Thank you to our Planetarium Sponsor, **McGough Construction!**

Check out our website for more information on [registration and sponsorship](#).

## Forecasting Seminar: Client Groups – May 17, 2019

ACEC/MN has invited government agencies and client groups to discuss their project plans for the next 3-5 years. This is your opportunity to hear project and budget forecasts from the client groups your firm works with!

### Attendees will learn about the following:

- Current projects in the pipeline (buildings, sewers, streets, vertical construction, etc.)
- Long-term construction plans (3-5 years)
- Future challenges
- New design standards
- Changes to policies
- Intergovernmental agreements

**Invited agencies include** Army Corps of Engineers, Metropolitan Airports Commission, Metropolitan Council (environmental services), Metro Transit (LRT), and Minnesota State Colleges and Universities System.

Friday, May 17, 2019

8:00 – 8:30 am Registration and Continental Breakfast

8:30 – 11:00 am Program

[Marriott Minneapolis West](#) 9960 Wayzata Blvd., Minnetonka

[Register online today!](#)

## ACEC/MN Partnered with Kimley-Horn Scholarship Golf Tournament – Save the Date!



The 16<sup>th</sup> Annual ACEC/MN Partnered with Kimley-Horn Scholarship Golf Tournament is Monday, June 17, 2019 at Oak Marsh Golf Course in Oakdale. The scholarship golf committee is always seeking volunteers. If you or someone you know is interested in joining the committee that plans this annual tournament, please contact the ACEC/MN office.

Golf sponsorship opportunities are available. In the meantime, bookmark this date in your calendars and we'll see you in June.

## Brown Bag: Large Diameter CMP Storm Pipe Rehabilitation Case Study: Hurricane Harvey Damage and Repair– April 12

Three adjacent large diameter, 84 and 96 inch corrugated metal pipes (CMP), were severely compromised due to the devastating effects of hurricane Harvey. The damage to the pipes was so great in some areas that the owner, Harris County Flood Control District (HCFCD), was fearful the road could collapse. The road impacted, Clay Road, is a major artery in a very heavily traffic section of Houston, Texas. The rehabilitation process employed a multi-prong approach to address the gaps, voids and missing sections prior to the structural geopolymer liner being applied. Multiple repair techniques and products were used to structurally rehabilitate the entire pipe runs.

Friday, April 12, 2019

11:30 am – 1:00 pm

[Marriott Minneapolis West](#) 9960 Wayzata Blvd., Minnetonka  
[Register online](#)

## Leadership Breakfast: President and CEO of Zweig Group– April 16

Join us at the next Leadership Breakfast with Chad Clinehens, President and CEO of Zweig Group, to learn more about today's increasingly competitive AEC industry where data is a powerful story teller. This session will focus on Value, Strategic Goal 2 of ACEC/MN's strategic plan. Through a presentation of statistics and stories, attendees will learn what award winning engineering firms are doing today to communicate, educate, and demonstrate value to clients, employees, and the industry. [Register](#) today by visiting the ACEC/MN website.

7:30 – 9:30 am  
Golden Valley Country Club  
7001 Golden Valley Rd  
Minneapolis, MN 55427

## Engineering Ethics: Let's Talk About It – April 18

Attorney Kristie A. Kubes will provide you with a refresher on understanding the Minnesota rules of professionalism and ethics at this Thursday morning session. You'll learn how ethical practice protects the public health, safety, and welfare, as well as more about the Licensure Board's Complaint Process.

This is a popular presentation that satisfies the licensing board's continuing education requirements for ethics, which is needed every two years.

[Register](#) today by visiting the ACEC/MN website.

7:30 – 10:00 am  
Sheraton Minneapolis West  
12201 Ridgedale Drive  
Minnetonka, MN 55305

## Women In Engineering: Conflict Management – A New Model for Engineering Firms – April 22

Organizations need to create the space for conflict to occur in a constructive way, for people to raise difficult and contentious issues, and for leaders to be exposed to often uncomfortable disagreements. If this doesn't happen, problems fester, important views are silenced, and effective communication is inhibited.

Effectively using conflict and how we respond to conflict is critical to our effectiveness as leaders. This professional development event will talk about the benefits of workplace conflict, how to identify issues that cause conflicts, describe the 5 conflict-handling modes, and leave attendees with some practical tools to more effectively engage in workplace conflict.

Presenter Christine Wiegert is a senior executive with 25 years of experience in the consulting engineering industry. She currently is Vice President / Area Manager at HDR in Minneapolis. Christine holds a Civil Engineering degree from Marquette University, and master's degree in Organizational Leadership from Bethel where she focused her studies on workplace conflict management.

Monday, April 22, 2019  
11:30 am – 1:00 pm  
Location: [WSB & Associates, Inc.](#) (701 Xenia Ave S, Minneapolis)  
[Register online.](#)

## Brown Bag: Advanced Drainage Systems – May 3

As the nature of regulations for water quality and quantity evolve and advance, best management practices (BMP's) continue to be adopted without appropriate regard for the native soils. The majority of low impact design (LID) practices are implemented to use natural vegetation such as bio-swales and rain gardens to both enhance the landscaping of a

site and also provide on-site runoff reduction. While these BMP's can potentially work well on sites with in situ free draining soils, there are significant limitations to these practices in regard to maintenance, areas where rock is close to the surface, or sites that contain native soils not conducive to infiltration.

The incorporation of structural underground detention systems (and other BMP's) into bio-retention practices provides engineers an effective way to counteract poor infiltrating native soils while also significantly reducing the amount of sediment, nitrogen, and phosphorous (TMDL's) that leaves a developed site. Not only can this blend be beneficial from both a water quality standpoint and achieving the desired infiltration, but it also provides an optional avenue for more effective maintenance of these systems post-installation.

Friday, April 12, 2019

11:30 am – 1:00 pm

[Marriott Minneapolis West](#) 9960 Wayzata Blvd., Minnetonka  
[Register online.](#)

## MNSEA Seminar and Trade Show – May 14

The Minnesota Structural Engineers Association (MNSEA) annually holds a seminar and trade show. ACEC/MN members are welcome to attend. This year's topic is "Structural Engineering Technology: Past, Present & Future"

**LOCATION:** [Marriott Minneapolis West](#) 9960 Wayzata Blvd, MN Minnetonka (952/544-4400)  
(Located on the north frontage road of I-394 between Hwy 169 & Hopkins Crossroad – directly across from the ACEC/MN office)

[Click here](#) for full event details or to register. **Space is limited, so register early.**

## Forecasting Seminar: Client Groups – May 17

ACEC/MN has invited government agencies and client groups to discuss their project plans for the next 3-5 years. Join us on May 17 from 8 am – 11 am to learn more about current projects in the pipeline, long-term construction plans, future challenges and more. This is your opportunity to hear project and budget forecasts from the client groups your firm works with!

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Invited agencies include Army Corps of Engineers, Metropolitan Airports Commission, Metropolitan Council (environmental services), Metro Transit (LRT), and Minnesota State Colleges and Universities System.

[Click here](#) for full event details or to register.

## 39<sup>th</sup> Annual Scholarship Softball Tournament – August 17

Mark your calendars now for the 39<sup>th</sup> Annual *ACEC/MN Scholarship Softball Tournament in Memorial of DuWayne "Dewey" Kasma*. This annual event will take place on Saturday, August 17, 2019 at the Dred Scott Fields in Bloomington. The annual tournament raises funds for scholarships that are awarded each year to deserving Minnesota engineering students. The entry fee for members is \$265 for members and \$530 for non-members. **Because of the limited number of fields that are available at the facility, we must limit the tournament to the first 24 teams that enter!** If your firm would like to participate in the tournament, contact Kristine Scott at 952-593-5533.

ACEC worked with the Kasma family to remember "Dewey" by naming the yearly softball scholarship fundraiser after him. In return, the family annually makes a generous donation in memory of Dewey that will be added to the ACEC Scholarship Fund. DuWayne "Dewey" Kasma was a registered civil engineer. He graduated from the University of Minnesota and worked his entire career at TKDA from 1963 until his death at age 48 in 1988. He managed the Municipal Department from 1968 to 1976, established TKDA's Marketing Department and was named Vice President and a member of the Board of Directors in 1978. He was a member of ACEC, MPWA, CEAM and MSPE.

## Save the Date! Upcoming ACEC/MN Events

- April 12 – [Brown Bag: Large Diameter CMP Storm Pipe Rehabilitation Cast Study: Hurricane Harvey Damage and Repair](#)
- April 16 – [Leadership Breakfast: President and CEO of Zweig Group](#)
- April 18 – [Engineering Ethics: Let's Talk About It](#)
- April 22 – [Women In Engineering: Conflict Engagement – A New Model for Engineering Firms](#)
- May 3 – [Brown Bag: Advanced Drainage Systems](#)
- May 14 – [MNSEA Seminar & Trade Show](#)
- May 16 – [Annual Meeting & Awards Presentation](#)
- May 17 – [Forecasting Seminar: Client Groups](#)
- June 17 – [16<sup>th</sup> Annual Partnered with Kimley-Horn Scholarship Golf Tournament](#)
- August 17 – [39<sup>th</sup> Annual ACEC/MN Scholarship Softball](#)

## News From the Membership

**LHB, Inc.** congratulates **Kim D. Bretheim**, who has been elevated by the American Institute of Architects (AIA) to the College of Fellows.

**Michaud Cooley Erickson** is excited to announce that **Mark Rogers** is now a certified Uptime Institute Professional Services Accredited Tier Designer.

The **Short Elliott Hendrickson Inc. (SEH)** Board of Directors named **David E. Ott, PE** as the next SEH Chief Executive Officer (CEO)/President and Chairman of the Board.

**Stantec** is pleased to announce that **Heidi Hamilton, PE**, has been named Managing Leader for Community Development in Minnesota.

**The Coleman Law Firm, LLC** is pleased to announce that attorney **Benjamin J. Kirk** has joined the firm.

### Welcome New Member

Welcome to our newest member, **Obermiller Nelson Engineering**, providing mechanical, electrical, civil, and industrial engineering, as well as plumbing, fire safety, and energy conservation. 1400 Van Buren Street NE, Suite 130, Minneapolis, MN 55016; 612/249-5600; [Kristen.jacobs@obernet.com](mailto:Kristen.jacobs@obernet.com); [www.obernel.com](http://www.obernel.com); Principals: Brent Wavra and Chip Jacobs.

## Follow, Share and Like Us on Social Media

Did you know that more than 56% of online adults use more than one social media platform? Well, so does ACEC/MN. Help us celebrate, advocate, grow, and communicate our message. Follow, share, and like us by clicking the icons below.



If you have an announcement you'd like to see included in the next Parameters newsletter, please contact: Kristine Scott, [Kristine@acecmn.org](mailto:Kristine@acecmn.org) P: 952-593-533 F: 952-593-5552