

# MCC SPONSORS

## PLATINUM SPONSORS

 <b>Adolfson &amp; Peterson Construction</b>		 <b>AMERICAN ENGINEERING TESTING, INC.</b>	
 <b>BASF</b> The Chemical Company		 <b>CEMSTONE</b> ESTABLISHED 1927	
			
 <b>Knutson Construction</b>			<b>MEYER   BORGMAN   JOHNSON</b> STRUCTURAL DESIGN + ENGINEERING
			

## SILVER SPONSORS



# 2015 MINNESOTA CONCRETE COUNCIL AWARDS & ANNUAL REPORT



STRUCTURAL DESIGN MERIT

INDUSTRIAL/AGRICULTURAL



PAVEMENTS

TRANSPORTATION  
INFRASTRUCTURE

ARCHITECTURAL FLOORING  
OR HARDSCAPE



ARCHITECTURAL MERIT

RICHARD STEHLY INDUSTRY  
ADVANCEMENT AWARD



minnesota Concrete Council  
Dedicated to Cast-in-Place Concrete

## FROM THE PRESIDENT



As my term as President of the Minnesota Concrete Council comes to a close, I would like to relate what an honor it has been to serve as part of such an amazing organization! My gratitude goes out to the entire board, committee chairs and especially to Margaret Mills! 2015 was a year of many changes which could not have taken place without the hard work of many individuals throughout the organization.

To start the year off, MCC altered the process of registration to a new software program called CVENT. This software allows MCC to reach out to a broader group of our membership and potential future members through technology that is more compatible with filters and security protocols of our membership's electronic communication. The software also allows for smart phone usage and can put events onto your calendar.

The monthly educational program put forth by our education committee was again exceptional. The topics are relevant and forward thinking. This has been the driving force in our greatly increased attendance with MCC reaching a record number of 240 attendees at our November ethics meeting. 2015 also saw a renewed interest in our Owner's Circle. This group will continue to provide valuable insight to our organization.

A couple of special events were held in 2015. In the spring, we toured the Lehigh Cement plant to offer the membership an up-close-and-personal view of the manufacturing of portland cement. During the fall, MCC hosted an educational riverboat cruise that featured a lead design engineer speaking about the St. Croix River Crossing bridge. The idea for both of these events was to combine educational opportunities and a social aspect, ultimately allowing our more senior members the opportunities to connect with our newer members. I've often stated that there is no other organization with monthly gatherings that can provide this level of networking opportunities in the local concrete industry. Watch for more of these events in 2016.

The research committee continued their efforts through monitoring our late placement exterior concrete durability study. For 2016 they will be taking on a new focus to study the use of recycled concrete aggregates in ready mix concrete.

One of the greatest achievements of the MCC for 2015 was provided through you, the membership, by your generous donations to our scholarship opportunities. MCC was able to expand the number of scholarships. The recipients for 2015 included engineering students, finishers, laborers, and a high school student that will go on to compete for a National Ready Mix Concrete Association scholarship. A large thank you goes to all of you that participated, volunteered and organized the two exceptional scholarship fundraising events - the annual Golf tournament and the Big Shoot!

I look forward to passing the gavel to Greg Bauer who is the 2016 MCC President. MCC has an exciting future and I look forward to many more years of opportunities it provides. It has been a great honor to serve as your President. Thank you for your involvement!

### CONTACT MCC

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[www.mnconcretecouncil.com](http://www.mnconcretecouncil.com) • 651-482-9549 (office)

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# ABOUT MCC

The Minnesota Concrete Council (MCC) is a non-profit organization that was founded in 1989. MCC is dedicated to advancing education, technical practice, scientific investigation and research into cast-in-place construction by organizing the efforts of its members for a non-profit public service. MCC's membership base represents design, construction and support industries associated with reinforced and post-tensioned concrete construction.

MCC was created to bring proven methods and new ideas together, and to educate its members on how to improve the quality and use of concrete in our structures, and to educate decision-makers on the benefits of quality concrete construction. MCC's first educational meeting in 1989 consisted of about 20 people. Currently, MCC's continuing education monthly breakfast meetings provide quality education and networking opportunities to 125 or more industry professionals each month.

MCC is governed by a Board of Directors that is elected annually by voting members of the council. (Each corporate member may designate up to three voting members and each individual member is granted one vote.) Directors serve two year terms. MCC's board oversees the activities of committees and delegates the responsibility of the day-to-day operation of the council to MCC's Administrator, Margaret Mills.

MCC hosts two major social events each year (a golf outing and a sporting clay shoot), holds numerous monthly education-based breakfast meetings, conducts research and sponsors an awards program that recognizes excellence in cast-in-place concrete construction. MCC invests in the future of the industry by funding scholarships for engineering students and concrete finisher and laborer apprentices. MCC provides vital networking opportunities for industry leaders.

For additional information about MCC, contact the MCC office at 651-482-9549 or visit [www.mnconcretecouncil.com](http://www.mnconcretecouncil.com).

## ABOUT MCC'S ADMINISTRATOR



Margaret Mills

Margaret Mills began working for MCC on a contract basis in May, 2009. Margaret is responsible for overseeing the day-to-day operations of MCC including bookkeeping, event planning, communications, and supporting the board of directors and committees.

Margaret is a native of Belle Plaine, Minnesota and a 1992 graduate of Buena Vista University where she earned a Bachelor of Arts degree in English and Speech Communication. She worked in residential real estate in Seattle right out of college and then later as the Program Director of the Piqua Area Chamber of Commerce in Piqua, Ohio. After relocating back to Minnesota, she was employed by the Aggregate & Ready Mix Association of Minnesota and the Minnesota Concrete Masonry Association. In addition to her contract with MCC, Margaret also currently provides support to PCA North Central, PCI Midwest, The Coleman Law Firm and others.

# MCC LEADERS

(Companies listed were current during term and may have changed in subsequent years)

## MCC Past Presidents

- 1989-90: Dave Pace, Cemstone Products Company
- 1991: Ed Johnson, Jesco
- 1991-92: Terry Swor, American Engineering Testing, Inc.
- 1993: Jim Paquin, CECO Corporation
- 1994: Tom Downs, BKBM, Inc.
- 1995: Pat Kinsel, Cemstone Products Company
- 1996: Daniel Kelly, Rochester Ready Mix Company
- 1997: Roger Oberg, BKBM, Inc.
- 1998: Mark Bintzler, Aggregate Industries, Inc.
- 1999: Michael Ramerth, Meyer, Borgman, & Johnson
- 2000: Bruce Wallace, Tioga, Inc.
- 2001: Kevin MacDonald, Cemstone Products Company
- 2002: Richard Dufresne, Walker Parking Consultants
- 2003: Michael Johnson, McGough Companies
- 2004: Gerard Moulzolf, American Petrographic Services
- 2005: Anthony Polusny, Meyer, Borgman & Johnson
- 2006: Tom Dykhoff, Adolfson & Peterson
- 2007: Amy Trygestad, Portland Cement Association
- 2008: Dean Stroschein, Knutson Construction Services
- 2009: Bill Frazier, AVR Inc. & Affiliates
- 2010: Terry Babcock, Construction Midwest, Inc.
- 2010-11: Dave Meyer, Lafarge Cement
- 2012: Keith Jacobson, VAA, LLC
- 2013: Jeff Coleman, The Coleman Law Firm, LLC
- 2014: Josh Edwards, AVR Inc. & Affiliates
- 2015: Mike Ward, Cemstone Products Company
- 2016: Greg Bauer, Concrete Paving Association of Minnesota

## MCC Past Treasurers

- Ed Curtiss, Knutson Construction Services
- Ken Peterson, HGA
- Carl Schneeman, Walker Parking Consultants

## 2015 Outgoing Board Members

- Bill John, TK Products
- Willy Morrison, American Engineering Testing

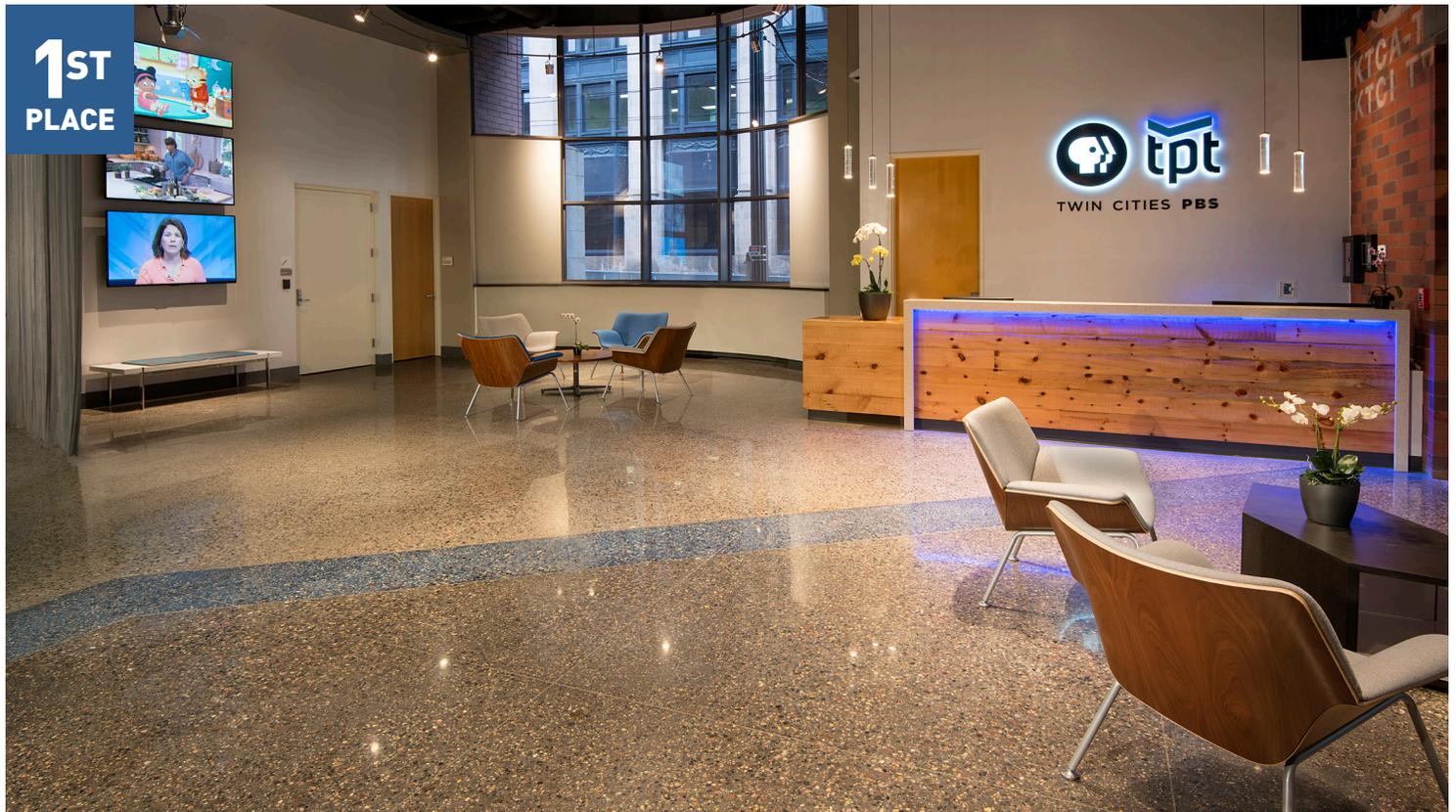
## 2016 Board of Directors

- President:* Greg Bauer, Concrete Paving Association of Minnesota
- Vice-President:* Murphy Curran, Meyer Borgman Johnson
- Treasurer:* Gary Hahn, Walker Parking Consultants
- Assistant Treasurer:* Carl Schneeman, Walker Parking Consultants
- Past President:* Mike Ward, Cemstone Products Company
- Directors:* Mike Johnson, Cemstone Products Company; Chris Kehl, Braun Intertec; John Lewis, Knutson Construction; Pat Sims, Graham Construction; April Stier, Portland Cement Association; Mary Vancura, Beton Consulting Engineers



# 2015 MCC AWARDS PROGRAM

## ARCHITECTURAL FLOORING OR HARDSCAPE



**Minnesota Public Media Commons (tpt).** Formerly a storage area, the newly renovated TPT Twin Cities PBS' street level entrance uses colored concrete flooring to help connect the building to the Lowertown neighborhood.

**Project Team Members:** *Owner:* TPT Twin Cities PBS *Owner's Representative:* Milestone Real Estate Partners *Architect of Record:* Cunningham Group Architecture *Engineer of Record:* Dynamic Structures, PC *Concrete Supplier:* AVR, Inc & Affiliates *General Contractor and Concrete Subcontractor:* McGough Construction *Cement Foreman/Finisher:* Tim Stanton – McGough Construction *Location:* St. Paul, MN



**Edina Promenade.** This concrete walkway in Edina is a beautiful addition to Edina's already very attractive landscape. The concrete work was performed by Bulach Custom Rock and involved 360 cubic yards of Solomon 2% Smoke and 2% Toffee colored concrete supplied by Aggregate Industries.

**Project Team Members:** *Owner:* City of Edina *Architect of Record:* AECOM *Engineer of Record:* City of Edina *General Contractor:* Peterson Companies *Concrete Supplier:* Aggregate Industries *Concrete Subcontractor:* Bulach Custom Rock Jim Turitto *Location:* Edina, MN



**Fitzgerald Residence.** This high profile driveway was done by Jensen Decorative Concrete for Larry Fitzgerald, who plays wide receiver for the Arizona Cardinals. The biggest challenge was the timing of the project, because it did not start until mid-October. The new driveway including curb and stoops consisted of 110 cubic yards of concrete.

**Project Team Members:** *Owner:* Larry Fitzgerald *Architect of Record, Concrete Subcontractor, and Engineer of Record:* Jensen Decorative Concrete *Concrete Supplier:* Aggregate Industries *General Contractor:* JT Streeer LLC *Location:* Eden Prairie, MN

# TRANSPORTATION INFRASTRUCTURE

1<sup>ST</sup>  
PLACE



**I-90 Dresbach Bridge.** The new bridge currently under construction provides a reconstructed interchange that improves traffic flow, safety, capacity and access on and between Highway 61/14 and I-90.

**Project Team Members:** *Owner:* MnDOT *Engineer of Record:* Figg Engineering *General Contractor:* Ames Construction, Inc. *Concrete Supplier:* Croell Redi-Mix *Concrete Consultant:* American Engineering Testing, Inc. *Location:* Dresbach, MN – LaCrosse, WI



**Hwy 101 Bridge – Southwest Reconnection Project.** The project constructed a new four-lane Hwy 101 spanning the flood plain between the existing Hwy 101 Minnesota River Bridge in Shakopee and County Road 61/Flying Cloud Drive in Chanhassen. The goal was to minimize transportation disruptions caused by seasonal flooding of the Minnesota River.

**Project Team Members:** *Owner:* Carver County *Engineer of Record:* MN Department of Transportation *General Contractor:* Ames Construction *Concrete Supplier:* AVR, Inc. & Affiliates *Location:* Chanhassen, MN



**Lindau Lane Grade Separation.** The project safely separates pedestrian and vehicular access to the Mall of America's front entrance from through traffic by lowering Lindau Lane and building a bridge across the roadway.

**Project Team Members:** *Owner:* City of Bloomington *Engineer of Record:* SRF Consulting Group, Inc. *General Contractor:* C.S. McCrossan, Inc. *Concrete Supplier:* Aggregate Industries US *Concrete Subcontractor:* Curb Masters, Inc. *Additional Participants:* Kimley-Horn & Associates, Inc., Braun Intertec Corporation, Baker Engineering & Risk Consultants, Inc. *Location:* Bloomington, MN

OTHER ENTRIES

# PAVEMENTS

1<sup>ST</sup>  
PLACE



**Elevator Expansion Project.** The Pipestone project included upgrades to each component of the facility. Conventional concrete pavement was selected for the main roadway as the best option in the face of continuous stress.

**Project Team Members:** *Owner:* Cargill, Inc. *Engineer of Record:* VAA, LLC *General Contractor:* DD Gravel *Concrete Suppliers:* Buffalo Ridge Concrete, Inc. and Hoffman Concrete, Inc. *Location:* Pipestone, MN

OTHER ENTRIES



**5th Ave SW Reconstruction Project.** The City of Pipestone completed a reconstruction project on part of 5th Ave SW during the summer of 2015. Work included upgrading the underground utilities, sidewalks, curb and gutter and replacement of the existing asphalt street section with a new 6 inch concrete pavement.

**Project Team Members:** *Owner:* City of Pipestone *Engineer of Record:* Bolton & Menk, Inc *General Contractor and Concrete Subcontractor:* Thorstad Companies *Concrete Supplier:* Buffalo Ridge Concrete *Location:* Pipestone, MN



**Dakota Meadows RV Park Improvements.** The project consisted of replacing 24 concrete RV pads at the Dakota Meadows RV Park. 1,014 CY of concrete covering an area of approximately 53,000 sf was poured in seven days.

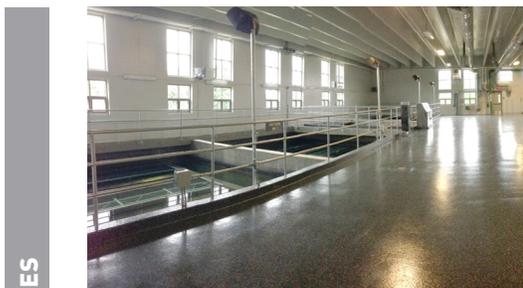
**Project Team Members:** *Owner:* Shakopee Mdwankanton Sioux Community *Engineer of Record:* Bolton & Menk *General Contractor:* NW Asphalt *Concrete Supplier:* AVR, Inc. & Affiliates *Concrete Subcontractor:* Rice Lake Construction Group *Location:* Prior Lake, MN

**1<sup>ST</sup>**  
**PLACE**



**Rahr Malting – Malt House #6.** Rahr Malt House #6 is a 68 million dollar expansion to its malt processing facility at Shakopee. The expansion is expected to make the plant the world's biggest single-place malting facility.

**Project Team Members:** *Owner:* Rahr Malting *General Contractor:* Rice Lake Construction *Concrete Contractor:* Todd & Sargent Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Shakopee, MN



### **Fairmont Water Treatment Plant**

The Fairmont Water Treatment Plant is a 95,000sf water plant and museum. Nearly 9,000 cys of concrete was placed taking 23,428 man-hours. The project was completed in July 2015.

**Project Team Members:** *Owner:* City of Fairmont *Architect and Engineer of Record:* AE2S *General Contractor and Concrete Subcontractor:* Rice Lake Construction Group *Concrete Supplier:* GCC Ready Mix *Location:* Fairmont, MN



**Grain Cleaning Expansion.** General Mills constructed a new, seven-story slipformed concrete facility dedicated to processing grains to make gluten-free Cheerios. Slipform concrete meets both the sanitary and structural needs of the building.

**Project Team Members:** *Owner:* General Mills Inc. *Architect and Engineer of Record:* VAA, LLC *General Contractor and Concrete Subcontractor:* McCormick Construction, Inc. *Concrete Supplier:* Marshall Concrete Products, Inc. *Additional Participants:* Marcy Construction, W. Gohman Construction Co. *Location:* Minneapolis, MN



### **West Duluth Reservoir Roof Reconstruction.**

The West Duluth Reservoir is a ten million gallon drinking water storage reservoir measuring 321' x 261' with a depth of 25' below grade and consisting of 3,761CY of concrete.

**Project Team Members:** *Owner:* City of Duluth *Engineer of Record:* LHB *General Contractor and Concrete Subcontractor:* Rice Lake Construction Group *Concrete Supplier:* Arrowhead Concrete Works *Location:* Duluth, MN

# STRUCTURAL DESIGN MERIT

1<sup>ST</sup>  
PLACE



**Ordway Center for the Performing Arts – Concert Hall & Production Wing Expansion.** The Ordway Center for the Performing Arts Concert Hall expansion is an aesthetically stunning 1,100 seat hall, acoustically tailored for chamber orchestra.

**Project Team Members:** *Owner:* Ordway Center for Performing Arts *Architect and Engineer of Record:* HGA Architects + Engineers *General Contractor and Concrete Subcontractor:* McGough Construction *Concrete Supplier:* Cemstone (As hired by E-Con Placer) *Additional Participants:* E-Con Placer, Harris Rebar, Ambassador Steel Fabrication LLC, Sowels Co., NTH, a·ku·stiks, Schuler Shook *Location:* St. Paul, MN

OTHER ENTRIES



**Fairview Southdale Emergency Department Renovation.**

Three-story emergency center expansion, which included the addition of 42 treatment rooms and 20 observation rooms. Project also included an ambulance garage, helideck, and power plant expansion.

**Project Team Members:** *Owner:* Fairview Southdale Hospital *Architect and Engineer of Record:* HGA *General Contractor and Concrete Subcontractor:* Knutson Construction *Concrete Supplier:* Cemstone *Location:* Edina, MN



**Metropolitan State University Parking Structure.** The Metropolitan State University Parking Structure is a cast-in-place, post tension structure consisting of 773 parking spaces on 4 ½ levels with a stand-alone stair tower structure.

**Project Team Members:** *Owner:* Metropolitan State University *Architect of Record:* Miller Dunwiddie Architects *Engineer of Record:* Kimley-Horn *General Contractor and Concrete Subcontractor:* Adolphson & Peterson Construction *Concrete Supplier:* Cemstone *Additional Participants:* Reger Companies, Harris Rebar, Amsysco *Location:* St. Paul, MN



**BTD Lakeville.** PrimeComposite SOG provided the best value to our customer in regards to price, quality, durability and flatness. It also introduced a superior and unique product to the flooring market.

**Project Team Members:** *Owner:* Fulford Group *Architect of Record and General Contractor:* Appro Development *Engineer of Record:* LS Engineers *Concrete Supplier:* Cemstone *Concrete Subcontractor:* Gresser *Additional Participant:* Beton Consulting Engineers *Location:* Lakeville, MN



**Latitude 45.** Latitude 45 is a thirteen story post-tensioned cast-in-place concrete apartment building located in the heart of downtown Minneapolis. The building has approximately 409,000 GSF of housing, parking, and amenities.

**Project Team Members:** *Owner:* Alatus LLC *Architect of Record:* Elness Swenson Graham Architects *Engineer of Record:* Meyer Borgman Johnson *General Contractor:* Doran Construction *Concrete Supplier:* Cemstone *Concrete Subcontractor:* Kelleher *Location:* Minneapolis, MN

# ARCHITECTURAL DESIGN MERIT

1<sup>ST</sup>  
PLACE



**CHS Field.** CHS Field in Lowertown forms a transitional use from St Paul's vibrant arts district of 19th century warehouses into the natural amenities of riverfront parks and trails. The ballpark will be the home of the Saint Paul Saints, a leader in reinventing sports entertainment.

**Project Team Members:** *Owner:* City of St Paul – Operated by St. Paul Saints *Architect of Record:* Ryan Architecture & Engineering *Architect:* Snow Kreilich Architects *Engineer of Record:* Ericksen Roed & Associates *General Contractor:* Ryan Companies US *Concrete Supplier:* AVR Inc. & Affiliates *Location:* St. Paul, MN

OTHER ENTRIES



**Hyland Ski Chalet.** Stahl Construction recently completed construction of a new 36,000-square-foot chalet facility at the Hyland Ski and Snowboard Area for the Three Rivers Park District in Bloomington, MN.

**Project Team Members:** *Owner:* Three Rivers Park District *Architect of Record:* Partners and Sirny Architects *Engineer of Record:* BKBM Engineers *General Contractor:* Stahl Construction *Concrete Contractor:* Kelleher Construction *Concrete Supplier:* AVR Inc. & Affiliates *Location:* Bloomington, MN



**Rochester Fire Station 2.** The new facility includes a dispatch center, emergency operations center, office space, and a communications as well as four apparatus bays, dormitories, kitchen and dining space, a fitness room, and offices.

**Project Team Members:** *Owner:* Rochester Fire Department *Architect of Record:* BKV Group *Engineers of Record:* BKV Group (Structural), WSB & Associates, Inc. (Civil) and MEP Associates, LLC (MEP) *General Contractor and Concrete Subcontractor:* Knutson Construction *Concrete Supplier:* Ready Mix Concrete Company, LLC *Additional Participant:* Legends Concrete Inc. *Location:* Rochester, MN

# RICHARD STEHLY INDUSTRY ADVANCEMENT AWARD BESTOWED ON JEFF COLEMAN



Jeffrey W. Coleman, PE, FACI, attorney at law, is both a licensed Professional Engineer and Attorney at law and principle partner in the The Coleman Law Firm, LLC. He is an ACI Fellow and has been an ACI member for over 30 years.

Jeff received his BS in Civil Engineering in 1976 and MS in Structural Engineering in 1977 - both from Iowa State University. He is licensed as an Engineer in Iowa, Minnesota and Wisconsin and as a lawyer in Minnesota,

Wisconsin and North Dakota, however he practices regularly in other states thru admission "Pro Hac Vice". His Masters Degree Thesis work involved research funded by the Iowa Department of Transportation and studied fatigue behavior of air entrained concrete. This led to his early involvement with ACI Committee 215 Fatigue of Concrete.

Jeff is currently a member of the ACI national Board of Directors and also has served as an active member of Committee 301 Specifications for Concrete, of which he is currently a consulting member. Mr. Coleman is a current member of the Contractors Liaison Committee (CLC), TAC Specifications Committee, Financial Advisory Committee (FAC), Conventions Committee and is chairman of Responsibility in Concrete Construction (RCC now Committee 132).

After receiving his Masters Degree in Structural Engineering, Jeff moved to Minneapolis/St. Paul, where he practiced as a Structural Engineer with Ellerbe Associates, Inc. After completing his law degree in 1984, he served as general counsel for Ellerbe, Inc. (later Ellerbe Becket, Inc. and now part of AECOM). After spending two years with Hart Bruner & O'Brien, a Minneapolis boutique construction law firm, he started his own firm in 1991 which was quickly merged and renamed Coleman, Hull & van Vliet, PLLP. In 2013, he founded The Coleman Law Firm, LLC committed to continuing his representation of Engineers, Architects and the Concrete Industry. Jeff represents Concrete Contractors, Engineers, Architects, and Building Owners in all aspects of construction. He is consistently recognized as a construction "Super Lawyer" by Thomson Reuters publications.

Jeff is the past President of the Minnesota Concrete Council (MCC) and a former board member. He is also a sustaining member of the American Society of Concrete Contractors (ASCC). Jeff served five terms on the Board of Directors of the American Council of Engineering Companies, Minnesota and is one of the only two non-practicing engineers to receive the Tom Roach Award for Outstanding Service and Motivation to the Consulting Engineering Professional Community. Coleman is a past member of the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design (the Minnesota Licensing Board) having served from 2000 to 2004 and the Board of Directors of the Consulting Engineers Council of Minnesota (numerous terms). He is a past member of the University of Minnesota Concrete Conference Planning Committee. He is a frequent lecturer on topics involving construction law, but also is a regular practitioner who is involved daily with construction disputes involving concrete. He is the author of the books Legal Issues in Concrete Construction published by the American Concrete Institute in 2004 [second edition published in 2015]. He is the only attorney who is also a Fellow in the American Concrete Institute, former chairman of ACI Committee RCC, and past President of the Minnesota Concrete Council. His phenomenal leadership and vision in leading the ACI committee on Responsibility, 132, included the SCC subcommittee, has been recognized by ACI by the award of the Delmar Bloem Award, given to recognize leadership in technical committees.

Jeff is a prolific worker and an important contributor to our local community, both as a working professional and as a volunteer. While many of us know of his contributions locally, where he is a former member of the board and past president of the Minnesota Concrete Council, Jeff is a great ambassador for Minnesota and is very active in the national and international community.

Jeff was a close colleague and personal friend of the late Richard Stehly. Together they worked on many high-profile projects in and outside of Minnesota. Our community and our industry are touched almost daily in many ways, both seen and unseen, by Jeff's activities.

## Previous Winners



Richard Stehly - 2010



Jack Gibbons - 2012



Terry Swor - 2013

# MCC COMMITTEES

Committees are the heartbeat of MCC. As with any organization, it takes the commitment and dedication of volunteers to move things from the “talking about it” phase to the “accomplishing it” phase. MCC is fortunate to have member companies who encourage their employees to be actively involved with MCC by giving of their time and talent.

If you'd like to volunteer to be on a committee or have an interest in helping out at any of our events, please contact the MCC office.

## MCC COMMITTEE CHAIRS



Bauer



Dvergsten



Edwards



Heimdahl



Jacobson



Johnson



McCullum



Meyer



Moulzolf



Ramerth



Swor



Vruno



Ward

<b>Membership Committee</b>	Randy McCullum - Aggregate Industries Mike Ward - Cemstone Products Company
<b>Golf Committee</b>	Mike Johnson - Cemstone Products Company
<b>Big Shoot Committee</b>	Dave Meyer - Continental Cement Gerard Moulzolf - American Engineering Testing
<b>Scholarship Committee</b>	Terry Swor - American Engineering Testing
<b>Research Committee</b>	Mike Ramerth - Meyer Borgman Johnson Dan Vruno - American Engineering Testing
<b>Awards Committee</b>	Josh Edwards - AVR, Inc. & Affiliates Keith Jacobson - VAA, LLC
<b>Education Committee</b>	Greg Bauer - CPAM Josh Edwards - AVR, Inc. & Affiliates
<b>Owners Circle</b>	Siobhan Dvergsten - Encompass Thor Heimdahl - Ericksen Roed & Assoc. Keith Jacobson - VAA, LLC

## 2016 MCC EVENTS

**SAVE THE DATE!** MCC has a variety of educational, networking and social events scheduled for 2016. Remember, dates, times and locations are subject to change. Registration information and final details are always available on the MCC website. We're always looking for sponsors! All events are held at Midland Hills Country Club unless otherwise noted.

### January

13 - Board of Directors Meeting  
21 - Breakfast Meeting

### February

11 - Board Meeting  
25 - Awards Program

### March

10 - Board Meeting  
17 - Symposium

### April

14 - Board Meeting  
21 - Breakfast Meeting

### May

12 - Board Meeting  
19 - Breakfast Meeting  
24 - Dakota County Tour  
(Depart from Fischer Sand & Aggregate)

### June

9 - Board Meeting  
16 - Breakfast Meeting

### July

14 - Board Meeting

### August

11 - Board Meeting  
22 - Golf Outing @ Mendakota Country Club

### September

8 - Board Meeting  
15 - Breakfast Meeting  
22 - Clay Shoot @ MN Horse & Hunt Club

### October

13 - Symposium  
20 - Board Meeting

### November

10 - Breakfast Meeting  
17 - Board Meeting

### December

8 - Board Meeting  
15 - Breakfast Meeting

# 2015 MCC EVENTS

## MCC GOLF OUTING SELLS OUT IN RECORD TIME

In 2014, the MCC golf outing stunned everyone by selling out in a record four hours. The shock was even greater in 2015 when the golf outing sold out in less than TWO hours on the day registrations opened over three months in advance of the event. Golfers enjoyed a chilly day on Monday, August 24 at Mendakota Country Club in Mendota Heights. The golf outing, which is a scholarship fundraiser for MCC, raised over \$3,500 for the scholarship fund which was \$1,000 more than the previous year.



## 8TH ANNUAL "BIG SHOOT" IS BIG FUN IN SPITE OF BIG RAIN!

For the fourth year in a row, Jack Webber of Adolfsen & Peterson Construction walked away with the title of "Top Gun" at the MCC Big Shoot sporting clays event. The Big Shoot, which is a scholarship fundraiser, was held September 24 at the Minnesota Horse & Hunt Club in Prior Lake. A steady light rain did not phase the group of 90 people who came out ready to prove they weren't "fair weather" fans of sporting clays. The rain proved "lucky" for the MCC scholarship fund! For the first time ever, the Big Shoot raised more money for the scholarship fund than the golf outing! Over \$4,600 was raised this year which was \$1,000 more than was raised at the golf outing. Thank you to all who supported this event.



## MCC MEMBERS ENJOY UNIQUE VANTAGE POINT FOR TOUR OF ST. CROIX RIVER BRIDGE CROSSING

On Tuesday, October 13, 2015 over 125 MCC members and their guests enjoyed an amazing experience aboard a Stillwater-based St. Croix Boat & Packet paddleboat. The paddleboat cruise provided attendees a very unique vantage point from which to view the St. Croix River Bridge Crossing construction close-up. MnDOT Bridge Design Engineer Kevin Western provided a very detailed description of the St. Croix Crossing bridge work and Wisconsin approach work underway. The new river crossing is anticipated to open to traffic in fall 2016.



## LEHIGH CEMENT PLANT AND FALKSTONE QUARRY TOUR

On May 7, 2015 the Minnesota Concrete Council invited its members to a tour of the Lehigh Cement Plant located in Mason City, Iowa and a tour of the Cemstone Falkstone quarry in Northwood, Iowa. Approximately 40 people attended the bus tour that started in Burnsville, MN. Many of the attendees have been involved with the cast-in-place concrete industry for decades but had never toured a cement plant. All were impressed by the technology involved in the cement manufacturing process. The highlight of the tour of the Falkstone quarry was being able to witness a blast. The day was educational and fun-filled.



# MCC SCHOLARSHIP PROGRAM

The MCC Board of Directors is dedicated to supporting our industry via scholarships.

In 2015, MCC funded a \$3,500 scholarship for Amy Thu Nguyen, a Civil Engineering student from Minnesota State University, Mankato. Nguyen, then a sophomore, is seeking a Geographic Information System (GIS) certificate. Nguyen, in a thank you letter written to the MCC Scholarship Committee, wrote "The scholarship motivates me to work even harder, not only in the classroom, but in extra-curriculum activities and organizations."

A scholarship was granted to Tucker Wilkendorf, an apprentice with the Construction Craft Laborers' Apprenticeship Program who was also employed by Kiffmeyer. The scholarship was in the form of a \$500 gift certificate to MCC contractor supply member Esch Construction Supply. Tucker visited Esch and picked out \$500 worth of tools that will help him in his training and career.

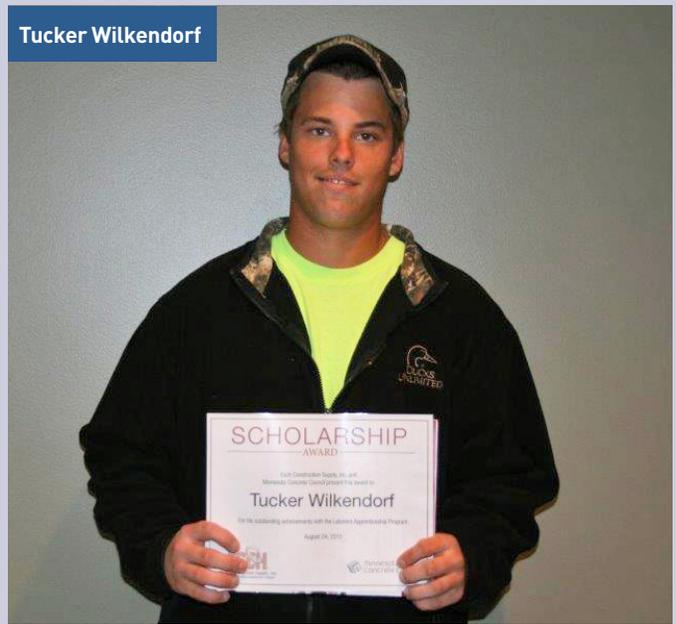
Amy Thu Nguyen



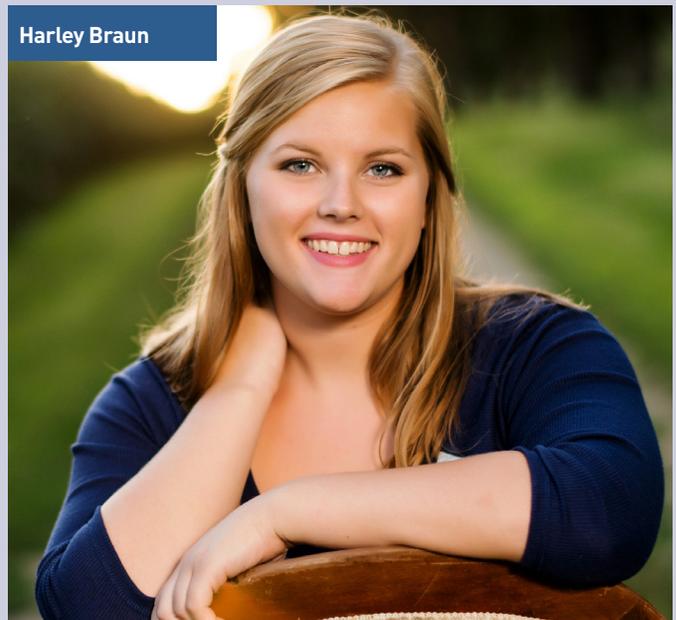
MCC participated in the National Ready Mix Concrete Association's National High School Essay Contest by awarding a \$500 scholarship to Sleepy Eye High School student Harley Braun. Harley, whose essay centered around the theme of concrete's benefits to society, will compete at the national level for a NRMCA scholarship of up to \$5,000.

The MCC Scholarship Committee, in reaction to the upward trend of funds being raised in support of the MCC scholarship fund, decided to put together an application form and application process for students and organizations who request funding from MCC. For information on how to receive an application, contact Margaret Mills, MCC's Administrator – [margaret@mnconcretecouncil.com](mailto:margaret@mnconcretecouncil.com).

Tucker Wilkendorf



Harley Braun



# 2016 MCC BREAKFAST MEETING DETAILS

All MCC meetings are held at Midland Hills Country Club in Roseville. Cost to attend breakfast meetings is \$20 and the cost to attend a symposium is \$50. Both include a full, hot breakfast buffet, materials and continuing education credits. MCC members and their guests may register online with a credit card via the MCC website. Or attendees may pay at the door provided they've registered prior to the meeting with the MCC office.

## **January 21, 2016 (Breakfast Meeting) – “Wood vs. Concrete Buildings”**

*Gregg A. Lewis, AIA, LEED AP - Senior Director, Building Innovations – NRMCA.* There is strong movement nationwide to legislate the use of wood over other building materials for state funded projects. This legislation is referred to as Wood First Initiative. Clearly, the effects of this legislation are potentially devastating to the concrete industry and NRMCA has developed a strategy to stem the adoption of more Wood First legislation in other regions. This presentation will cover this movement and how the concrete industry is uniquely positioned to meet the challenges of sustainable development.

## **March 17, 2016 (Spring Symposium)**

**“Prescription to Performance and Responsibility”** *Dr. Kevin MacDonald, PhD, PE – Beton Consulting Engineers*

**“New Test Methods for Performance Criteria”** *Willy Morrison – American Engineering Testing*

**“Prescription to Performance Experience – Lessons Learned”** *Maria Masten, PE – MnDOT*

Over the last 100 years in the industry considerable progress has been made in material properties and technology to improve concrete by using admixtures, partial replacement of cements with fly ash, silica fume etc. to result in better structures. The specifications in the concrete mix on the other hand have stayed pretty much as “prescriptive”. The prescriptive specifications tend to stifle innovation by limiting the types and quantities of ingredients in the mixture and material proportions. On the other hand, performance specifications are a set of instructions that outline the functional requirements for hardened concrete depending on the application. These may include strength, permeability, scaling, cracking and other criteria related to durability. These presentations will discuss the change from prescriptive to performance mixes, responsibility and testing issues, as well local project experience and lessons learned.

## **April 21, 2016 (Breakfast Meeting) – “Protection and Maintenance of Exterior Concrete Flatwork”**

*Kim Basham, PhD, PE - KB Engineering LLC.*

In most cases concrete is a durable, long lasting product without maintenance. So it often raises eyebrows when the subject of curing and maintaining concrete is brought up. Properly maintaining concrete, however, can greatly extend the life and beauty of the concrete. This presentation will discuss how to properly maintain the concrete to protect your investment, particularly if you've poured late season, fly ash, or slag concrete.

## **May 19, 2016 (Breakfast Meeting) – “Historical Concrete Preservation/ Renovation”**

*Paul Gaudette - Principal - Wiss, Janney, Elstner Associates, Inc.* There are many challenges unique to repairing historic concrete, not the least of which is matching the color, finish, and texture of the existing concrete as closely as possible. Repair of historic concrete should begin with an investigation of the concrete to evaluate the existing condition and determine the causes of distress and deterioration. This presentation will cover the history of concrete preservation, common failure mechanisms, and the methods involved in the restoration and preservation of iconic concrete structures.

## **June 16, 2016 (Breakfast Meeting) – “Aggregates & ASR – Types, Properties, & Testing”**

*Larry Sutter, PhD – Professor, Materials Science and Engineering - Michigan Tech.* The physical and chemical properties of aggregates play an important role in determining their suitability for use in portland cement concrete (PCC). Mechanical strength, coefficient of thermal expansion, possible chemical reactivity, and soundness are a few aggregate properties that significantly affect the long-term performance and durability of portland cement concrete. This presentation will cover the mineralogical characteristics of different aggregates as well as discuss known deleterious issues. Alkali-Silica Reaction (ASR) and Alkali-Aggregate Reaction (AAR) mechanisms, contributing factors, and mitigation will also be covered.

## **September 15, 2016 (Breakfast Meeting) – “Economizing Concrete Pavements”**

*Jerome Montgomery - Nebraska Concrete & Aggregate Association.* Economizing Concrete Pavements: The value and performance of concrete has long been recognized by engineering and design professionals; now learn proven techniques to economize concrete pavement sections without

significant impacts on performance and service life. Optimizing reinforcing and base materials are just two examples of engineered solutions that will be covered. Whether new construction or overlays of existing asphalt pavements, concrete is the low maintenance cost solution while providing superior performance and beauty. Join us for the latest design methodology, construction techniques, and cost information from around the country.

## **October 13, 2016 (Fall Symposium) – “Concrete Distress, Assessment & Repair for Contractors & Engineers”**

## **November 10, 2016 (Breakfast Meeting) “Fraud Against the Government & Public Corruption”**

*Tim Wittman - FBI.* Does your project or the project on which you're working have federal funding? FBI Special Agents will present examples of cases worked by the FBI relating to corrupt public employees in the State of Minnesota and business persons that have defrauded the government. This breakfast meeting will: 1) provide a better understanding of what comprises public corruption and fraud against the government 2) explain the FBI's role in investigating public corruption and fraud against the government 3) explain how to report potential corruption or fraud. The agents will discuss past investigations, the penalties imposed, and the types of government-related crimes that the FBI investigates. The presentation will include examples of people accepting bribes and engaging in fraud and corruption.

## **December 15, 2016 (Breakfast Meeting) – “Geopolymer (Alternate Binder) Concrete”**

*Dr. Mary Christiansen – Assistant Professor - University of Minnesota Duluth.* Geopolymer concrete—an innovative material that is characterized by long chains or networks of inorganic molecules—is a potential alternative to conventional port-land cement concrete for use in construction. It relies on minimally processed natural materials or industrial byproducts to significantly reduce its carbon footprint, while also being very resistant to many of the durability issues that can plague conventional concrete. This presentation will briefly describe geopolymer concrete materials and explore some of their strengths, weaknesses, and potential applications.

## HISTORY OF THE MCC RESEARCH COMMITTEE

The Minnesota Concrete Council (MCC) has sponsored several research projects which have addressed the needs of our members. One of the first studies that the Research Committee worked on was "Best Practices to Resist Popouts." The results of this study were presented at an MCC meeting. The most extensive research MCC sponsored was the Concrete Durability Study. The original intent of this research was to conduct a comprehensive study which would prepare our local industry for the increased use of recyclable by-products. The research was a collaborative effort by a diverse group of MCC members which included a laboratory study and a large field study over three phases. The findings of this study were published in the very first "International Conference on Sustainable Construction Materials and Technologies" and presented in Coventry, UK in 2007. This research was also presented at the University of Minnesota Concrete Conference in 2008 and to the MCC members in 2009.

Another collaborative study the research committee performed was "Optimum Slab-on-Ground Concrete." MCC partnered with the Target Corporation in conducting a laboratory and field phase study. The findings of this study were published in the July 2012, "Concrete International Magazine of the American Concrete Institute." The findings were also presented to the MCC members.

The current MCC study that the Research Committee is working on is "Scaling of Late Season Concrete Placement." The study was the result of the excessive amount of surface defects that occurred as a result of the winter of 2013-2014. Preliminary findings of this study have been presented both at the ACI Fall 2015 Convention in Kansas City and to the MCC members. Data will be continued to be collected through at least this winter.

The Research Committee will continue to provide research studies that further the technological advancement of the ready mix concrete industry and that educate and provide technical advice to its members. The next study will be "Evaluation of Use of Recycled Aggregates in Concrete Production."

## MEMBERSHIP COMMITTEE UPDATE

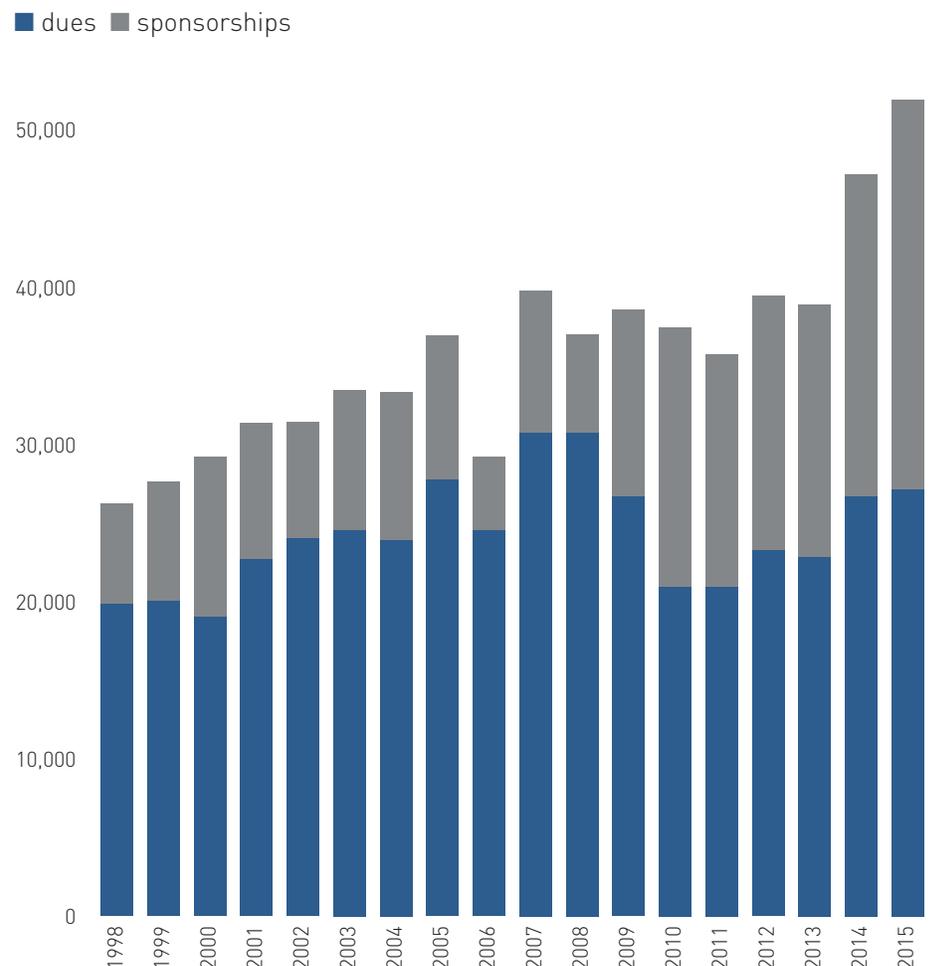
2015 was a banner year for MCC membership. MCC ended the year with 148 members which included 54 Corporate Members, 62 Individual Members, 17 Platinum Sponsors and 15 Silver Sponsors. In 2015, MCC's membership dues and sponsorship income was \$52,285 compared to \$36,030 just five years ago! MCC continues to expand its membership base but at the same time is dedicated to retaining current members by providing quality programs that are not only extremely valuable but very affordable.

Over the past five years, more than 5,000 people have attended our educational programs. As many of you have experienced first-hand, MCC continuing education programs are a fantastic way to learn and earn credits and they provide an incredible opportunity to network with an unprecedented cross-section of the cast-in-place concrete industry in Minnesota.

Although MCC always welcomes non-members to its breakfast meetings and symposiums, MCC also encourages non-members to join the organization. MCC is able to offer such incredible programs at a very low cost because of the investment its members make in MCC. The registration fee for the breakfast meetings and symposiums barely covers the cost of the meal and venue, so any other costs related to the continuing education programs (speaker fees and expenses, handouts, administration, etc.) are paid for by membership dues.

A membership application that provides details on each membership level is found in this annual report. Individual memberships are only \$100. Corporate memberships cost \$375. Silver sponsorships are \$500 and Platinum sponsorships are \$1,000. Dues are billed on a calendar year. Compared to other organizations, the value of a Minnesota Concrete Council membership cannot be beat.

### MCC Membership Dues and Sponsorship Income



# MCC'S CONTINUING EDUCATION PROGRAM GETS HIGH MARKS

In 2015, MCC's continuing education program topics ran the gambit from soup to nuts... Well, almost... We started the year off in January with a presentation titled "Concrete Mixes - Then and Now" by Dr. Peter Taylor of the National Concrete Pavement Technology Center. Our March symposium - "Managing BIM at Different Stages of Implementation" - was a bit more specialized than usual, but the topic was very well received. April's "Special Inspections - What are You Missing?" presentation by MCC board member Chris Kehl, PE of Braun Intertec was followed by May's presentation "Concrete Tolerances" which was presented by MCC Past-President Tom Downs, PE, FACI who is President of Forensic Experts. In May, MCC also led an educational bus tour of the Lehigh Cement Plant in Mason City, IA. In June, Tyler Ley, PE, PhD (Oklahoma State University) presented "A New Test Method to Measure the Freeze Thaw Durability of Fresh Concrete." After the summer break, Peter Craig, FACI, FICRI - Concrete Floor Specialist with Concrete Constructives, presented "The Rise and Fall of Moisture-Related Flooring Problems with Concrete Floor Slabs."

Our fall symposium included the following presentations: "Unique Slab Design & Construction: Superflat + High Volume Fiber Floors & Pavements" by Jerry Holland, PE, FACI (SSI); "Troubleshooting Concrete Floors and Surface Defects with Petrography" by Gerard Moulzolf, PG (American Engineering Testing); "MCC 'Scaling of Late Season Concrete Placements' Study Recap" by Dan Vruno, PE (American Engineering Testing) and "Project Considerations for Fiber Reinforcement and Fiber Material" by Cliff MacDonald, FACI (FORTA Corporation).

MCC ended the year strong in November by offering a two-hour presentation by Jeff Coleman, PE, FACI of The Coleman Law Firm. The presentation, titled "Ethics for Architects and Engineers"

sold out over two months prior to the event. The standing-room only crowd of 240 met the new "ethics" continuing education requirement by attending this event.



## OWNER'S CIRCLE UPDATE

Minnesota Concrete Council Owner's Circle, co-chaired by Siobhan Dvergsten (Encompass), Thor Heimdahl (Erickson Roed & Associates) and Keith Jacobson (VAA, LLC), provides a forum for owners to discuss their ideas, thoughts, concerns, successes and struggles related to concrete construction. This forum provides access to knowledgeable members of MCC regarding specific topics of interest and provides a network of compatriots and experts that can be tapped for information to enhance infrastructure and facility decisions that are critical to success.

The Minnesota Concrete Council (MCC) is a volunteer-driven, not-for-profit, professional organization. Founded in 1989, MCC is an extraordinary group of professionals and craftsmen who are devoted to the promotion and improvement of cast-in-place concrete construction in Minnesota. Many MCC members are experts in their fields, have been involved in concrete design and/or construction for their entire working career and have a deep passion for excellence in concrete. MCC provides them with a forum and opportunity to educate themselves and others as they strive for continuous improvement.

MCC has many partners in the building industry. Among some of the most important are end-users of buildings and facilities. For owners to optimize the value of their buildings, they need ready access to resources related to concrete. In turn, the building industry benefits by engaging in a feedback loop with owners to understand common concerns. In 2012, as a way to enhance this communication, MCC created the Owner's Circle, which brings current and valuable information to owners as they make decisions related to cast-in-place concrete. For owners with retail and warehouse spaces, concrete slabs-on-ground represent a substantial investment and directly impact their operations.

For other owners, the potential to reduce long-term maintenance costs, improve environmental sustainability and better serve their employees and clients by providing concrete parking lots is a significant consideration. For some, vertical construction, infrastructure, concrete repair and an abundance of other capital investment decisions involving concrete present vexing questions that require reliable input from experts experienced in this local marketplace. MCC brings experts in to address all of these issues and more.

# MCC MEMBERSHIP ROSTER (As of January 26, 2016)

## PLATINUM SPONSORS

Adolfson & Peterson  
Aggregate Industries  
American Engineering Testing  
AVR, Inc. & Affiliates  
BASF Admixtures  
Braun Intertec  
Cemstone Products Company  
Continental Cement  
Enduracon Technologies  
GCC of America  
Holcim (US) Inc.  
Knutson Construction  
Lafarge  
Lehigh Cement Company  
Meyer Borgman Johnson  
The Coleman Law Firm, LLC  
TK Products  
VAA, LLC

## SILVER SPONSORS

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Cortec  
Ericksen Roed & Associates  
Euclid Chemical  
Graham Construction  
Hage Concrete Works  
JE Dunn North Central, Inc.  
Sika Corp  
Simpson Strong Tie  
Skyway Cement Company  
Temp-Air, Inc.  
WR Grace

## CORPORATE MEMBERS

Advance Shoring Company  
Arrowhead Concrete Works  
Bay & Bay Transfer  
BKBM Engineers  
Buffalo Ridge Concrete  
Buildings Consulting Group  
Composite Rebar Technology  
Concrete Inc.  
Concrete Paving Association of MN  
Construction Heaters, Inc.  
Construction Midwest, Inc.  
Construction Results Corporation  
Cretex Concrete Products  
Element Materials Corporation  
Esch Construction Supply  
Garage Floor Coatings of Minnesota  
Gary Carlson Equipment Rental  
GCC Ready Mix  
Global Specialty Contractors Inc.

GRT Admixtures  
Headwaters Resources  
HGA  
Kasella Concrete, Inc.  
Kelleher Construction Inc.  
Knife River  
Laborers District Council  
Lightweight Distributing  
Maertens-Brenny Construction Co  
Magney Construction, Inc.  
Marshall Concrete  
McGough Construction  
Modern Ready Mix  
Mortenson Construction  
Northern Technologies  
Operating Engineers Local No. 49  
Opus AE Group  
PCL Construction Services, Inc.  
Preferred Concrete Construction  
Prism Pigments  
Propex Concrete Solutions  
Rebarfab  
Rice Lake Construction Group  
Rochester Ready Mix Concrete Co  
RSP Architects  
Ryan Companies  
Scofield  
Shaw Lundquist Associates  
Simcote, Inc.  
Solomon Colors  
SRF Consulting Group, Inc.  
Stockness Construction  
Target Corporation  
Tioga Air Heaters  
Walker Parking Consultants  
Wells Concrete

## INDIVIDUAL MEMBERS

Adams, Christopher - Tennant Company  
Alms, Steve - Hank's Specialties  
Anderson, Elaine - Palmer Holand  
Bartz, Ralph - Bartz, Ralph  
Baumann, Bruce - Anchor Block Company  
(Retired)  
Bell, Joe - Corval Group, Inc.  
Benson, Ron - Stonebrooke Engineering  
Boie, Brian - Industrial Coatings Solutions  
Botzek, Gary - MC&MCA  
Burns, Doug - PCA North Central  
Christopherson, Todd - Brierly Associates  
Clemens, Kyle - Stego  
Clendenen, Joe - Pioneer Engineering  
Corrigan, Fred - ARM of Minnesota  
Detwiler, Rachel - Detwiler, Rachel  
Downs, Tom - Forensic Experts PLLC  
Dvergsten, Siobhan - Encompass  
Dwyer, Eugene - LS Engineers  
Galey, Dave - Galey, Dave

Gibbons, Jack - Ductilcrete Slab Systems  
Hall, Bill - Ardex  
Hanlin, Tim - Envirotech Services Inc  
Jackson, Bill - Beacon Construction  
Johnson, Raoul - Superior Concrete Block  
Kangas, Kevin - Landscape Structures  
King, Chad - Fox Blocks  
Kinsel, Patrick - Kinzler Construction Services  
Knight, Jeff - Diversified Products  
Koland, Brad - Land O' Lakes  
Kourajian, Paul - Molin Concrete Products  
Krage, Bryan - Chris Krage & Associates  
Krage, Joshua - Chris Krage & Associates  
Kusilek, Joe - County Materials  
Lindner, Ralph - GeoTek  
Loeffler, Jim - MF Cachat Company  
MacDonald, Cliff - FORTA - VELLCC  
MacDonald, Kevin - Beton Consulting  
Malm, Lucas - Wiss, Janney, Elstner Assoc  
McCalla, Mac - McCalla, Mac (Retired)  
McConkey, H James - McConkey, H James  
(Retired)  
McMurtry, Larry - McMurtry, Larry (Retired)  
Mikula, Marty - Mikula Group  
Mino, Jim - Hormel Foods  
Morrison, Mike - American Concrete Institute  
Nelson, Brent - CNA Consulting Engineers  
Nicholson, Dave - Maxxon Corporation  
Olson, Douglas - Cy-Con  
Opheim, John - LS Black Constructors  
Pashina, Brian - Wiss, Janney, Elstner Assoc  
Peterson, Scott - Black-Star Contracting  
Reger, Tom - Cement Masons JATC Local 633  
Schreifels, Scott - Restoration Technologies  
Schwartz, Doug (Ret) - Gateway Engineering +  
Training  
Stier, April - PCA North Central  
Theis, Scott - Anchor Block Company  
Thomes, Mike - Thomes, Mike (RETIRED)  
Tinker, John - ESI Engineering, Inc.  
Tufts, Randy - Anchor Block Company  
Vancura, Mary - Beton Consulting  
Vogen, Noel - Vogen Consulting  
Wildenberg, Peter - Merit Construction  
Services, Inc.  
Young, Mike - Cy-Con  
Young, Vikki - Tennant Company

**MCC APPRECIATES THE CONTINUED FINANCIAL  
SUPPORT OF THE PORTLAND CEMENT  
ASSOCIATION NORTH CENTRAL**



America's Cement Manufacturers™

Portland Cement Association  
North Central Region

# YES, I'D LIKE TO SUPPORT MCC!

**PLATINUM SPONSORSHIP – \$1,000**

**SILVER SPONSORSHIP – \$500**

**CORPORATE MEMBERSHIP – \$375**

**INDIVIDUAL MEMBERSHIP – \$100**

**STUDENT / RETIRED MEMBERSHIP – \$15**

Main Contact

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Email Address

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Company

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Mailing Address

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Phone

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## METHOD OF PAYMENT

Check enclosed

Please invoice

Payment will be made online via credit card

## MCC MEMBERSHIP CATEGORIES

**The Platinum Group - \$1,000** Includes the following:

- A full corporate membership and corresponding benefits (see below) (\$375 value)
- one complimentary registration to each monthly breakfast meeting (\$120 value)
- one complimentary symposium registration (\$50+ value)
- Platinum sponsor logos and links to their websites are posted on the MCC website and in the online membership directory
- one complimentary table top display at all breakfast meetings and symposiums (\$300 value)
- Platinum sponsor project profile or company profile slide in the pre-meeting slideshows and breakfast meetings and symposiums

**The Silver Group - \$500.** Includes the following:

- a full corporate membership and corresponding benefits (see below) (\$375 value).
- one complimentary symposium registration (\$50+ value)
- one complimentary table top displays at all breakfast meetings (\$300 value)

- Silver Sponsor logos and links to their websites will appear on the MCC website and their logos will appear in the online directory and on a slide in the pre-meeting slideshows and breakfast meetings and symposiums

**Corporate Memberships - \$375** Includes the following:

- may identify up to three voting members to represent their company in all MCC elections
- full company/employee listing in the MCC online directory

**Individual Memberships - \$100** Includes the following:

- a single vote in all MCC elections
- an individual listing in the MCC online directory

**Student/Retired Memberships - \$15**

- are for college and trade school students interested in cast-in-place construction or for those retired from the cast-in-place concrete industry