



Dear MII Member,

\Merry Christmas and Happy New Year! 2018 was an exciting year for the Institute as you can see from the accomplishments of the last six months. But I am more excited to talk about plans for 2019!

- With the success of our **HS Masonry Day** in October, we the are currently planning eight more masonry days around the state this spring. I'm excited about the number students we can reach this way and give them the opportunity to explore careers in masonry!
- At our last board meeting, the MII board voted to go forward with having the Institute become accredited to teach the **NCCER masonry apprenticeship program**. This training program can be brought into the high schools, community college and prison system. To learn more visit [www.nccer.org](http://www.nccer.org).

Lastly, thank you to all the members who donated time, talent and materials to our many events this past year.

Here is a to a productive 2019!

Jenny Stephenson

MI Association Director

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From the MII President

Scott Ellingson, TCC Materials

As President of the Masonry Institute I would like to thank all our members for their contributions & assistance in promoting masonry to the design community along with exposing the craft of masonry to the high schools, junior colleges & state colleges. As we end 2018, I congratulate the MII & it's members for the successful year of promoting all areas of masonry. This promotion of the industry will continue in 2019 as we look to influence designers to use more masonry & help recruit the next generation of Masons needed to build the workforce.

Thank you for your support in 2018 and look for more good things in 2019 as the MII Builds a Better Iowa.

Merry Christmas & Happy New Year,

Scott Ellingson



MII has reserved the Elwell Center and Varied Industry Building Conference Center at the Iowa State Fairgrounds on Wednesday, March 13 for its 2019 Masonry Seminar. MII is currently working on the speaker line-up. If you have ideas for a great masonry speaker, please email Jenny [jstephenson@masonryinstituteofiowa.org](mailto:jstephenson@masonryinstituteofiowa.org). The Annual Meeting will be held at the Laborers 177 office on the evening of March 12. Please watch your inbox for upcoming information!

## 2019 Dues Renewal

Just a reminder that statements have been sent electronically for 2019 dues. If you have not received your notice, please contact MII at [admin@masonryinstituteofiowa.org](mailto:admin@masonryinstituteofiowa.org). Thank you to those that have already renewed!

## 2019 MII Foundation Golf Outing

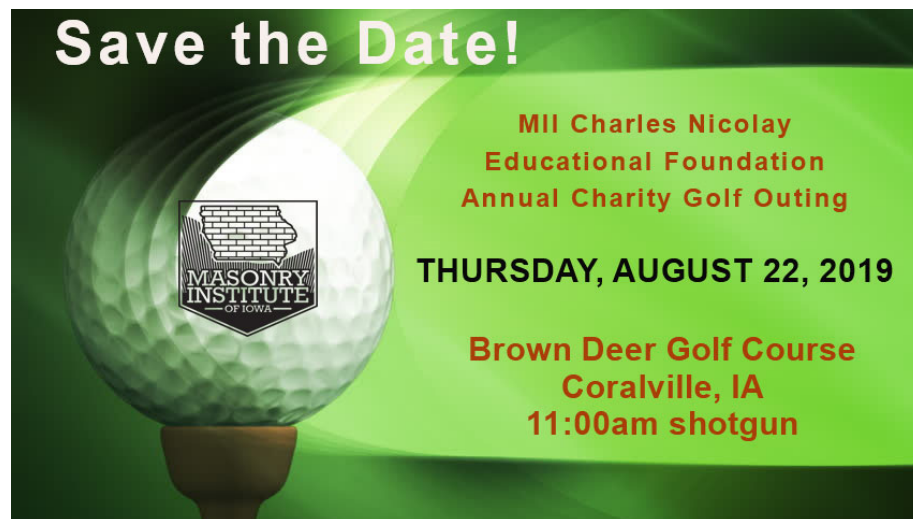
The MII Charles Nicolay Educational Foundation hosted its annual charity golf outing at the Tournament Club of Iowa on Thursday, August 30. Approximately 90 golfers took the course to raise money for student scholarships and initiatives. The outing raised over \$13,000 for the Foundation. Thank you to everyone who golfed and sponsored this annual event.



**Thank you to our 2018 Golf Outing Sponsors!**



## 2018 MASONRY INSTITUTE OF IOWA CHARLES NICOLAY EDUCATIONAL FOUNDATION CHARITY GOLF CLASSIC SPONSORS



### Rise & Shine CE: Initial Cost of Construction Program

MII created a presentation titled "Initial Cost of Construction – Building with Masonry" that offers one-hour of HSW learning units through AIA, and this summer presented this powerpoint as 'Rise & Shine CE' – a morning presentation with breakfast. MII presented to 18 architectural firms from across the state so far and is still currently adding architectural firms to the calendar. With the success of these breakfast presentations, MII will continue to promote this program to architectural firms across the state.



## 2018 Architectural Design Awards

MII had 20 entries from 13 firms for this year's Architectural Design Awards in Masonry, which were presented in September at the AIA Annual Convention.

MII Member, Seedorff Masonry Inc., received MII's **Golden Trowel Award** for the Grand Award project - *A Monumental Journey*. MII contractor members receive a Golden Trowel award as mason contractor on the Grand Award. Congratulations Seedorff!



**Grand Award** – A Monumental Journey, Substance Architecture

**Award of Merit with Distinction:** Bloomfield Library addition, ASK Studio

**Award of Merit,** UnityPoint Health Ankeny Medical Park, Shive-Hattery, Inc.

### Honorable Mentions:

- Merrill Hotel, Solum Lang Architects
- Liberty High School, SVPA

Specialty Awards:

- Masonry Detailing Award: Sacred Heart Cathedral, BHMM
- Adaptive Reuse Award – Safe Compliance, Studio Melee
- Technical Historic Restoration Award – Iowa State Capitol, OPN
- People's Choice Award - Prairie Ridge Integrated Behavioral Health, Accord Architecture

[Click here to view photos from the awards ceremony.](#)

A red rectangular graphic with a pattern of small white dots. At the top, the text "2019 Appreciation Awards" is written in a white, cursive font. Below this, on the left, is the logo of the Masonry Institute of Iowa, which features a brick wall and the text "MASONRY INSTITUTE OF IOWA". To the right of the logo, the text "MII Members -" is followed by "Nominate a masonry project for our annual Appreciation Awards today!". Below this, it says "Complete details can be found at [www.masonryinstituteofiowa.org](http://www.masonryinstituteofiowa.org)." and "Awards will be presented at the annual meeting in March." At the bottom of the graphic, the text "Nominations Due Now!" is written in a bold, white, sans-serif font.

**2019 Appreciation Awards**

**MII Members -**  
**Nominate a masonry project**  
**for our annual Appreciation Awards today!**  
**Complete details can be found at**  
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**Nominations Due Now!**

[Click here to nominate a project today!](#)

## 2019 Scholarship Program Announced

The Charles Nicolay Educational Foundation was set up to support Iowa students continuing their education in the construction/architecture/engineering/masonry field. One way we do this is through student scholarships. We are pleased to announce our 2019 scholarship program and application. Last year we awarded 9 students with \$7,000 in scholarship money. We had over 50 applicants! Please encourage the students you know to apply!

**Applications can be filled out online at <https://masonryinstituteofiowa.wildapricot.org/Scholarships>.**

Scholarship requirements:

- Must be an Iowa high school student or college student;
- Must attend an Iowa institution;
- Attend a program related to construction/architecture/engineering/masonry field;
- Complete the entire application and submit with accompanying documents; and
- ***Application deadline has been extended to March 1, 2019***



## Student Field Day Recap

**UNI/HAWKEYE COMMUNITY COLLEGE** – On September 18, students from Hawkeye Community College's construction program and UNI's construction management and interior design program participated in a day-long student field day. Nearly 50 students participated in MII's third field day. Students toured King's Material block plant in Cedar Rapids, toured a school job site in Tiffin with Seedorff Masonry and visited Jorgenson Plaza, a finished job site in Waterloo. The afternoon was spent at Carl Schuler Masonry trying their hand at bricklaying. The students divided into small groups and were tasked with designing, then building, monuments or sculptures. The designs were judged and winners announced from each school.

MI, along with Justin Wenger and Austin Norberg from Seedorff Masonry, presented to UNI's construction management club on November 1 to announce the bricklaying winners and talk about communication with the mason contractor on the job site.

**ISU** – October 11 marked MII's 33<sup>rd</sup> student field day. Approximately 80 architectural students and 30 engineering students participated in this year's event. Schedule for the day included: Rhino Materials block plant tour, Bondurant-Farrar School job site tour, Vintage Main finished masonry project tour, Sioux City Brick plant tour and bricklaying demo. Students were broken into small groups to design and build a brick wall (engineers built campaniles). Projects were judged and winners were awarded prizes.

The architectural students also had the opportunity to carve unfired brick, where then fired and passed back out to the students as a memento for the day. A friendly competition for the brick carving was held and Sioux City Brick awarded several students prizes for their creative bricks!



## ISU Unit Design Competition Team Places 2<sup>nd</sup> in National Contest

Earlier this year, MI, along with King's Material and Midland Concrete Product, hosted its annual unit design competition at Iowa State University with lecturer Bo-Suk Hur's third year students. The students are divided into small groups and tasked with designing a new concrete block. Entries are judged and top three teams awarded a monetary prize. The first place team then advanced to the national contest, with the top three teams invited to present their design at the NCMA mid-year meeting. ISU's teams was one of the top three teams and presented this past August in Chicago. ISU received second place this year (last year ISU placed 1<sup>st</sup> and in 2015, they received 2<sup>nd</sup> place).

This year's winning ISU team created Seismic-Block. The design used a triangulated form since it is more effective in combating forces in multiple directions and in seismic events.





## MIl Summer Masonry Webinar Series Recap

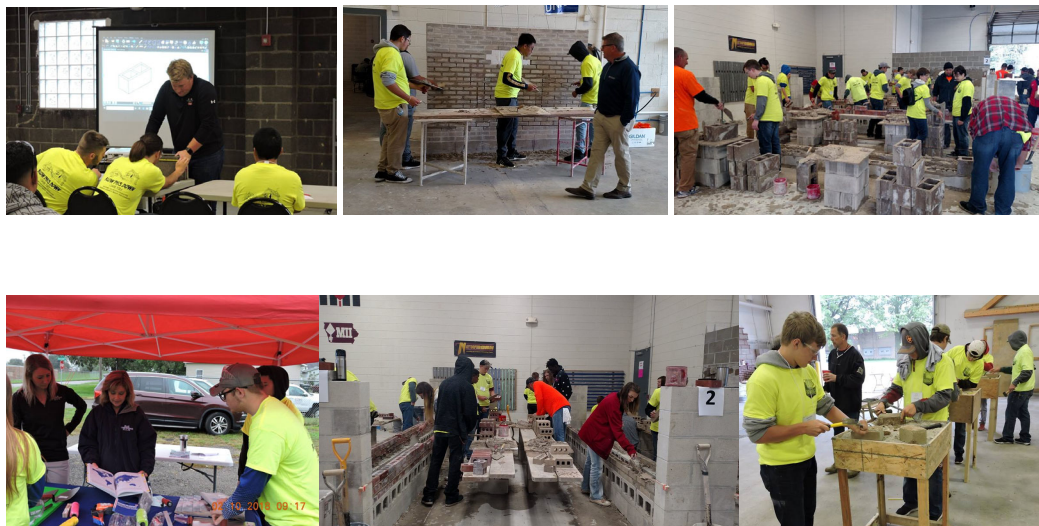
For the first time, MII brought additional masonry speakers to the design community with webinars this past summer. Each webinar qualified for one hour of continuing education credit. Nearly fifty architects and engineers participated in the four webinars that MII hosted this summer. Programs included: *Tornado and High Wind Design with Masonry* with Dr. Mark McGinley, *Structural Brick* with Jeff Elder, *3D Printing Ceramic* with Leslie Forehand and *BIM-M update* with Fred Kinkader.



## HS Masonry Day Recap

MII, along with its members, hosted its first HS Masonry Day on October 2 at the BAC3 Training Center in Marshalltown. Approximately 150 high school students from 13 area schools attended. Students were divided into small groups and rotated through 15-minute stations. Stations included: bricklaying, stone laying, tuckpointing/caulking, safety/scaffolding, masonry estimating, BAC apprenticeship, brick demo, block demo, masonry tools, heavy equipment, and mortar.

CHECK OUT ALL THE PHOTOS FROM THE DAY ON FACEBOOK!



## MII Presents at the Iowa School Counselor Association Annual Meeting

MII also presented during the ISCA breakout sessions. MII moderated a panel discussion: ***BRINGING SKILLED TRADES BACK INTO THE CLASSROOM*** with BAC3 apprenticeship coordinator Chris Busch, Senior Estimator Don Pasker from Sedorff Masonry, Jeff Frost from the Waterloo Career Center and Micah Loveless from Build Iowa.



## MII Expands Exhibit Hall Participation

MII exhibited at the AIA and Iowa Association of School Board's annual conventions this past fall to promote masonry construction. Congratulations to Michael Clausen from Allers Associates Architects for being the lucky architect who stopped by the MII booth and signed up for our drawing and won a \$400 VISA gift card.

MII also participated in the Iowa School Counselor's annual exhibit hall for the first time. This event, which took place at Prairie Meadow's convention hall was a great success. MII was able to talk to student counselor's about careers in masonry and making important school contacts. MII has also signed up to exhibit at the MBI annual meeting next year.

## MII Hosts Summer Camp in Masonry

MII partnered with BAC3 this summer to host several summer camps that gave students the opportunity to explore masonry and careers in bricklaying:

- **DMPS Girls Camp**: The Des Moines Public School district hosted a girls construction camp this summer with MII participating. Approximately 30 girls spend the afternoon at Rhino Materials learning about bricklaying as a career and touring the plant facilities
- **YMCA Summer Camp**: Middle schoolers from the YMCA summer camp visited the BAC3 training center this past June to participate in an afternoon of bricklaying. The kids were divided into groups and rotated through a few stations for a hands-on experience on bricklaying.
- **Limelight Summer Youth Event**: High school students from around the Marshalltown area participated in a week-long skilled trades construction camp that included a presentation by MII on masonry and a hands-on demo at the BAC3 training center in June.





## New Member Spotlight - Midwest Cast Stone



Midwest Cast Stone has been a family-owned and led, privately-held Midwestern company since 1989. We are unique in the cast stone business in that we do all of our own sales, estimating, CAD drafting, project management, carpentry, mold building, production, and shipping. We rely on our team of 40+ highly trained and experienced full-time employees and do not outsource any of this work. We take great pride in our people, our process, and in our consistent, high-quality, hand-crafted product. We know our reputation rests on each customer relationship we build and maintain as well as each and every piece of cast stone we ship out. Notable Iowa projects includes the Bloomfield Public Library addition and Merrill Pioneer Hospital. Midwest Cast Stone joined MII to connect with quality contractors throughout Iowa and provide high quality Cast Stone to the region. Midwest Cast Stone, like the MII, is also passionate about expanding the masonry trade and educating the next generation of skilled craftsman.

## MII Member Star Equipment Celebrates 50th Anniversary

Star Equipment Ltd., a construction equipment dealer with locations in Des Moines, Cedar Rapids, Waterloo and Ames, is celebrating their 50th anniversary this year. The company started out in 1968 at the original headquarters in Des Moines and was founded by Max Bowman, his wife Beverly and their longtime friend, Roger Bills. Star is actually one business that houses three divisions. The first division is their general construction product lines featuring their core products: skid loaders, telehandlers, generators, water pumps and other equipment; the second division is made up of IMT for service trucks, lube bodies, articulated cranes and Elliot HiReach boom trucks; and the third division features GPS machine control through Topcon. Star Equipment has been in the industry so long because of its commitment to its customers. They pride themselves on knowing each of their customers, sometimes even for generations. Some of the Star Equipment's first customers now have children who are buying and renting from the company. "What has kept us going for 50 years is our core management team and the values that were instilled by Max over the years: taking care of the customer and doing what's right."

Star Equipment has been a great supporter of MII with sponsoring at the annual golf outing and lending the Institute equipment when needed at student demos.



## MII Member Project: Marv Pesek Masonry

One of the most important thing MII promotes is 'QUALITY' of its mason contractors and we would like to share a project by one our member – Marv Pesek Masonry.

Before starting the project, this house had basement walls that were severely cracked bowed and sinking including an area of the wall that caved in. It was this area that a previous "mason" started rebuilding the wall. The previous mason laid the block right on the dirt as well as dry stacking the block. In some instances the existing block was laid on top of the concrete floor; however, the concrete floor was only 1/2" thick so the floor broke and the walls settled into the dirt. The previous mason took the homeowners money and did not finish the job or start it correctly until MII member Marv Pesek Masonry came in with quality mason work. Here is a recap from owner Nick Wolf:

We cut out the top of the walls to grout all the way to the sill plate and install anchor bolts. Columns were build in the side walls so we

could dig and pour the new footings without the existing walls caving in. You can also see the footings we poured because the concrete workers dug out about 6" of dirt to pour new floors after we were finished.

Outside on the new wall, you can see we tarred and installed a rubber membrane on the exterior of the wall to prevent moisture in the future. The new masonry on top of the original walls shows how much we jacked the house up to get it back level after the original walls have settled so much. We jacked the house up 6-8" on the lowest corner and got the house fairly level. We left 3 of the original foundation walls because there was no way to excavate and remove them, we poured new footings inside and below the 3 remaining walls, after we poured the footings we built new reinforced 8" masonry walls inside the 3 remaining walls. We tarred and installed a rubber membrane inside the remaining walls before we built the new walls to prevent moisture from getting into the basement. We also filled the gap between the new and existing walls with concrete to prevent the existing walls from bowing any further.



## MII Brings Masonry to the Classroom

MII works with schools across the state to bring masonry into the classroom. This fall MII spent a week with the Waterloo Career Center, presented at Gilbert High School, Davenport High School and Kirkwood Community College.

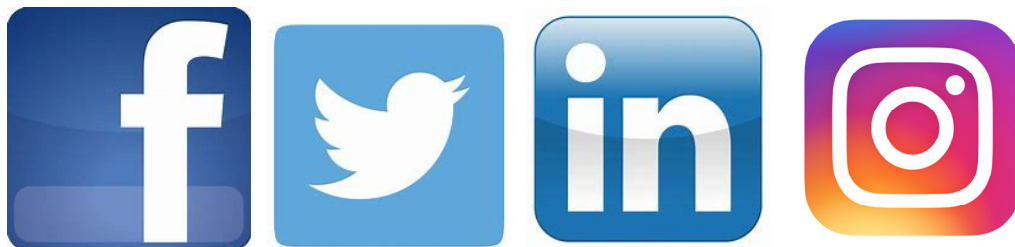
More schools are on the calendar for 2019. Please contact the MII office if you would like to help with these high school demos.

## Call for Changes to MII Bylaws

MII will be sending out official notice after the first of the year for call for changes in its bylaws. Please submit any changes to Jenny at [jstephenson@masonryinstituteofiowa.org](mailto:jstephenson@masonryinstituteofiowa.org) by January 11. [Click here](#) to review the MII bylaws.

## Social Media - Join MII Online

Join MII on social media to keep up to date on happenings! Click on the links below to follow or like.



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