

TWIN CITIES

QUARTERLY CONNECTION

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MAY 2018
VOLUME 12 ISSUE 1



MAYO CLINIC TOUR

Join us for a tour of Mayo Clinic in Rochester, MN on June 12th. We will meet at the Heritage Hall in the Mayo Building (attached to Gonda) at 1:55 pm.

Tour agenda:

- Example IE projects at Mayo
- Overview of Inpatient & Outpatient Flow
- Proton Beam Facility
- Department of Laboratory Medicine & Pathology
- Walking Tour of Main Campus

We will end the tours around 4 or 4:30 pm at Dooley's Pub (255 1st Ave SW, Rochester, MN) for a networking happy hour with Mayo Clinic Industrial Engineers.

DATE



Tuesday, June 12th

TIME



2:00-5:30 PM

PLACE



200 1st Street Southwest
Rochester, MN 55902

COST



FREE for members
FREE for students
\$10 for non-members

RSVP

An e-invitation has been sent. If you did not receive the invite, please send your RSVP to IISE.TwinCities@gmail.com

IISE TWIN CITIES CHAPTER 38

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PRESIDENT'S MESSAGE

As we reflect on 2017 for the Twin Cities IISE Chapter, it was another successful year for the organization, winning the Gold Chapter Award—one of only 8 U.S. Professional IISE Chapters to do so. I would like to say thank you to last year's President, Kayla Bosak for keeping the chapter on track and to all of our Board Members who volunteer their time in addition to their full time careers to make our chapter a success!

For those who may not know who we are or what we do, I thought I would explain more about IISE Twin Cities. We are a non-profit organization that is guided by the IISE worldwide organization. In order for our chapter to be recognized by IISE and remain in good standing with the organization, we must follow set requirements including: providing member communications, hosting general meetings/events for members and administratively holding chapter officer meetings, as well as submitting IRS Tax Filing in accordance with non-profit regulations.

To ensure we meet our goals for the year, we are looking for ideas for events that our members want to see. If you would be interested in hosting a tour, have an idea of something you would like to learn about or would be willing to present an education topic of interest, please let us know by emailing your idea to us at iise.twincities@gmail.com

We look forward to seeing both familiar and new faces at our events this year!

~Chris



CHRIS HEINZE

IISE TWIN CITIES PRESIDENT



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MEMBER NEWS

MEMBERSHIP UPDATE

Welcome new, transferred or reinstated members!

- Thomas Albin
- Chris Althoff
- David Busacker
- Ryan Cannon
- Matthew Cox
- Alyssa Hennen
- Zachary Mallory
- Blaine Nelson
- Aaron Ophoven
- Charles Ruemping
- Charles Schlegel
- Joe Schuster
- David Sellner
- Douglas Snyder
- Dustin Szumowski
- Jonathon Taylor
- Hannah Verdon

STATUS   156 MEMBERS



**KATIE
ERDMANN**

IISE TWIN CITIES
STUDENT LIASON
DIRECTOR

MEMBER PROFILE

I grew up in the northwest suburbs of Chicago, before making the move to Minnesota for college. I graduated from the University of Minnesota with my bachelor's degree in Industrial and Systems Engineering.

In college, I interned with Boston Scientific and was fortunate enough to continue working there full time after graduation. I am currently working as a consultant for continuous improvement in two of our divisions, supporting a wide range of functions outside of operations. This entails facilitating kaizens to drive value improvement efforts, as well as teaching and mentoring in lean principles and process improvement methodologies. I love working in the medical device industry and seeing the impact we have on patients every day.

I look forward to continuing to build our Chapter's partnership with college students and help support the next generation of Industrial Engineers! Outside of work, I enjoy baking, traveling, and spending time with friends and family.



LOCAL JOB OPPORTUNITIES



**DIRECTOR OF
ENGINEERING & FACILITY PLANNING**
PARK NICOLLET, ST. LOUIS PARK, MN

SENIOR DEMAND PLANNING SPECIALIST
WURTH ADAMS, BROOKLYN PARK, MN

**ENGINEERING MANAGER
IMMERSION PROGRAM**
TARGET, MINNEAPOLIS, MN

ADVANCED QUALITY ENGINEER
3M, MAPLEWOOD, MN

INDUSTRIAL ENGINEER INTERN
DELTA AIRLINES, BLOOMINGTON, MN

For more information on these jobs go to iisenet.org, click on 'Career Center' and search jobs by location.

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CHAPTER ACTIVITY REPORT

FOCUS ON: INSTITUTE SUPPORT

Our IISE Twin Cities Chapter earned a Gold Award for our efforts in 2017. This was the 8th year in a row we have received the Gold Award!

The way that our performance is measured by IISE is via the Chapter Activity Report (CAR). The CAR form tracks categories and assigns a numerical score if various categories had been met in the previous year which allows the IISE Headquarters to use our overall score to determine our chapter status. The categories include the following:

- 1) CHAPTER STRATEGIC PLANS AND OPERATIONS
- 2) CHAPTER PROGRAMS
- 3) MEMBERSHIP COMMUNICATIONS, GROWTH & RETENTION
- 4) STUDENT OUTREACH & COMMUNITY AFFAIRS
- 5) MEMBER / CHAPTER / INSTITUTE SUPPORT

More information regarding Professional Chapters, including the Chapter Activity Report can be found at <http://www.iise.org/details.aspx?id=10372>

Speaking of awards, last year we nominated Christy Strong for the National Special Award to recognize her many contributions to our chapter and to our profession – and she won! In the nomination we highlighted Christy's role in setting up the hierarchy and framework that has led our chapter to earn the gold award for 8 years in a row.

In addition, we mentioned how Christy and Jenna Weiland (our Platinum Award winning newsletter director) developed an amazing workshop to introduce school aged girls to the industrial engineering profession called Brilliant Bracelets. The Brilliant Bracelets workshop has been a huge success and teaches hundreds of girls about our profession every year. I have no doubt that this workshop is generating future IEs!

These awards will be presented at the upcoming National Conference in Orlando this month. We will have two chapter member there to represent us and accept the awards: Jeremy Knapp and Kathryn Eckhardt.

Congratulations to Christy on winning this award and thank you for all you have done for our chapter! Congratulations to the IISE Twin Cities Board for all your hard work in running a top tier chapter year after year!

Kayla



KAYLA BOSAK

PAST IISE TWIN CITIES
PRESIDENT



**IISE TWIN CITIES
GOLD AWARD
RECIPIENT**

CHAPTER RECOGNITION
PROGRAM



**CHRISTY STRONG
SPECIAL AWARD
RECIPIENT**

IISE NATIONAL ANNUAL
AWARDS & HONORS

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PAST EVENT SUMMARIES

YEAR END SOCIAL

DECEMBER 2017

The IISE 2017 Year-End Social was a success! We checked out a new venue this year, Hop21 Table Tennis Club in downtown Minneapolis. The venue was a nice, casual place and a perfect setting for our annual social event. It was a snowy December day, but despite the weather, we had a wonderful time playing table tennis, eating delicious pizza, and celebrating another year of tours, learning events and networking. Thank you to all who were able to make it out for the event.



STRATASYS TOUR

MARCH 2018

IISE Twin Cities had our first tour of 2018 at Stratasy, the global leader in 3D printing and additive solutions, materials and services.

We kicked off the event with an overview of Stratasy and met some of the Industrial Engineers working at the company. During the tour, we saw the Customer Experience Center and the Application Engineering Lab. Stratasy 3D printers use two main technologies to meet the need of customers – FDM (Fused Deposition Modeling) and PolyJet. We saw these two different types of printers and the different types of products that these printers create. As we moved through the facility, we learned that some of the biggest uses of 3D printing are for prototyping, manufacturing aids, and production parts. 3D printing is also used in a wide variety of industries including healthcare, consumer goods, automotive, and aerospace.

Overall, this was a great way to kick off 2018. We are looking forward to many more exciting tours!

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UPCOMING EVENTS

MAY

24 SWE-MN Awards & Recognition Banquet

JUNE

9 SWE-MN Ice Cream Social

12 IISE **Mayo Clinic Tour**

13 ASME Ethics in Professional Practice

JULY

20 SAME-MSP Industry Day and 33rd Annual Golf Tournament

24 IISE **Shutterfly Tour**

Details on all IISE Twin Cities events can be found at www.iietwincities.org. Details on all other events can be found at www.mfests.org. Events are subject to change.

WHAT IS IISE?

IISE is the world's largest professional society dedicated solely to the support of the industrial engineering profession and individuals involved with improving quality and productivity. Founded in 1948, IISE is an international, non-profit association that provides leadership for the application, education, training, research and development of industrial engineering.

With approximately 15,000 members and 280 chapters worldwide, IISE's primary mission is to meet the ever-changing needs of industrial engineers, which includes undergraduate and graduate students, engineering practitioners and consultants in all industries, engineering managers, and engineers in education, research and government.

WHAT IS IISE TWIN CITIES?

The IISE Twin Cities Chapter 38 provides a network for individuals within Minnesota and surrounding areas to collaborate about industrial engineering. Our members include professionals with industrial engineering degrees, both working in IE and non-IE roles and professionals working in IE related functions.

We provide monthly events which include topics in professional development, Lean, Six Sigma, Quality, process improvement and tours at distribution centers, manufacturing facilities, hospitals and consulting firms. We also promote the industrial engineering profession by providing scholarships to IE students and becoming involved with several student IISE chapters.

ENGINEERING LEAN & SIX SIGMA CONFERENCE 2018



SEPTEMBER 24-26, 2018
ATLANTA, GA

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