

TWIN CITIES

QUARTERLY CONNECTION

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JULY 2018
VOLUME 12 ISSUE 2



SHUTTERFLY TOUR

Join IISE Twin Cities for a tour of Shutterfly. The topic of the tour will be: Leveraging a Lean and Continuous Improvement Culture to "Share Life's Joy."

Attendees will hear how IEs at Shutterfly empower the work force and influence continuous improvement in order to achieve quality assurance. The manufacturing environment experiences highly variable demand, commits to a short turn time with every product being unique and personal.

We will follow the tour with an optional networking happy hour at nearby Muddy Cow (1244 Canterbury Rd S).

DATE



Tuesday, July 24th

TIME



4:00-6:00 PM

PLACE



5005 Dean Lakes Blvd
Shakopee, MN 55379

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

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PRESIDENT'S MESSAGE

I hope everyone is enjoying our wonderful summer so far! It was great to see many chapter members at the Mayo Clinic tour in June. It is a bit of a drive to Rochester, but a great tour! I think we all were amazed by the Proton Beam Therapy facility and I heard a lot of comments regarding how the Lab and Pathology processing area workflow resembled a traditional manufacturing facility. There was some good conversation at the social afterwards, which is always a great way to network with other IEs.

That brings me to my message for this newsletter: NETWORKING! I feel that one of the greatest benefits that our chapter of IISE has to offer is the networking opportunities. A strong professional network is priceless. It is great for job hunting, but it also gives you an opportunity to learn what other IEs do in similar (or different) industries and helps you to be able to discuss various work challenges with your peers who may have an insightful suggestion on how to approach your challenge.

Now is the time to build or strengthen your professional network! It is easy to become complacent with historically low unemployment and seemingly more jobs than applicants to fill them. However you could be missing out on great opportunities. By attending any of our IISE events, you will have the opportunity to network with IEs and similar professionals in an informal, social setting. We sincerely hope to see you at our upcoming events!

- Chris



CHRIS HEINZE

IISE TWIN CITIES PRESIDENT



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MEMBER NEWS

MEMBERSHIP UPDATE

For this month we have no new, transferred or reinstated members.

STATUS



158 MEMBERS



DANIELLE PETERSON

IISE TWIN CITIES WEBSITE DIRECTOR

MEMBER PROFILE

I recently graduated from the University of Iowa with my B.S.E. in Industrial Engineering and moved up here to St. Paul to start my job at Andersen Corporation.

I work for Renewal by Andersen in Cottage Grove as an industrial engineer dedicated to supporting a product line. During my college career I interned at CIVCO Medical Solutions, Stratasys and GE.

I am excited to join the board this year and have the opportunity to meet new people! During these summer months you can usually find me on a patio or finding new places to eat in the Twin Cities.

I enjoy being in the outdoors and visiting my family out in Colorado when I can.



LOCAL JOB OPPORTUNITIES

CONSUMER RELATIONS OPERATIONS MANAGER
GENERAL MILLS, MINNEAPOLIS, MN

GLOBAL PROCESS LEAD
3M, MAPLEWOOD, MN

MANUFACTURING ENGINEER
EMERSON, SHAKOPEE, MN

INDUSTRIAL ENGINEER
UPSHER SMITH, PLYMOUTH, MN

PROCESS ENGINEER
HOOD PACKAGING CORP, ARDEN HILLS, MN

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

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LOCAL JOB OPPORTUNITY

SENIOR PROCESS CONSULTANT
BOSTON SCIENTIFIC, ARDEN HILLS, MN

**Boston
Scientific**

Advancing science for life™

ABOUT THE ROLE:

Responsible for supporting the profitable and sustainable growth of Boston Scientific through the management of key projects and value improvement initiatives within the Global Business Services organization. Responsibilities include business analysis, facilitating process kaizens, end to end process mapping, organizational design and driving process improvement initiatives.

KEY RESPONSIBILITIES INCLUDE:

- Partner with Service Delivery teams to drive global end to end processes, translating to 3-year roadmaps with event charts to drive consistency and improved cost metrics.
- Collaborate with leaders and their organization to inspire a continuous improvement culture by deploying process improvement/operational excellence roadmaps, methods and tools across the enterprise.
- Build a strong pipeline of value improvement projects to achieve operating income goals.
- Partner with leaders, champions and employees to share best practices to further accelerate the rate of improvement.
- Facilitate kaizen events to target key enterprise improvements and provide instant offense when necessary to drive strategic business priorities.
- Facilitate best in class Value Improvement, Lean, Lean Business Process (LBP) and VIP training for employees at all levels.
- Collaborate with Global Councils to drive and improve value improvement culture and toolkits.
- Work cross-functionally to develop and refine Essentials Guidebooks/Handbooks.
- Develop departmental performance metrics, track and facilitate countermeasure creation/ fulfillment.
- Guide teams to manage organizational change through careful consideration of stakeholder needs and interests, strategic relationships and persuasive communications.

WHAT WE'RE LOOKING FOR:

MINIMAL QUALIFICATIONS:

- BS/BA Degree in related field and/or equivalent experience, MBA preferred
- 5+ years of enterprise and process improvement/lean related experience
- Proven results applying lean in enterprise-wide and transactional environments
- Self-starter and entrepreneurial/consultant mindset
- Demonstrated strong project management skills
- Travel requirements 10-15%

PREFERRED QUALIFICATIONS:

- Project management experience
- Global enterprise experience
- Analytical capabilities, ability to interpret data and make recommendations

For more information, please visit this link: <https://jobs.bostonscientific.com/job/Marlborough-Senior-Process-Consultant-Job-MA-01752/484155500/>

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CHAPTER ACTIVITY REPORT

FOCUS ON: INSTITUTE SUPPORT

The IISE Annual Conference this year was at the Universal Resort in Orlando, FL from May 19th – 22nd. This is the largest industrial and systems engineering event of the year, with a range of industrial engineers in attendance from students to industry professionals to academics. Each day was packed with a variety of offerings, with something for everyone which made it a fantastic conference:

- **NETWORKING EVENTS**
- **KEYNOTE SPEAKERS**
- **FACILITY TOURS (Universal's Volcano Bay Water Park, Amazon Fulfillment Center and Tompkins International Emerging Technology Center)**
- **20+ TRACKS (ranging from Engineering Management, Lean Systems and Transforming the Profession)**

Jeremy Knapp and I, both IISE Twin Cities Board Members, attended the Volunteer Leader Training (VOLT) the first day. The main objectives of the training were to:

1. **Conquer chapter management and project management challenges**
2. **Develop and enhance individual professional and leadership skills**

The training had a good balance of content, break out sessions where chapter topics such as increasing membership were discussed and ended with a panel session of industry professionals where they discussed "being a good leader: how do you do it?"

We also presented during the conference. Jeremy presented on 3D printing from his experience working at Stratasys. I presented "Patient Wait Time Reduction in a Proton Therapy Facility" from my experience working at Mayo Clinic. I discussed the process for developing a discrete-event simulation model for a real-world problem.

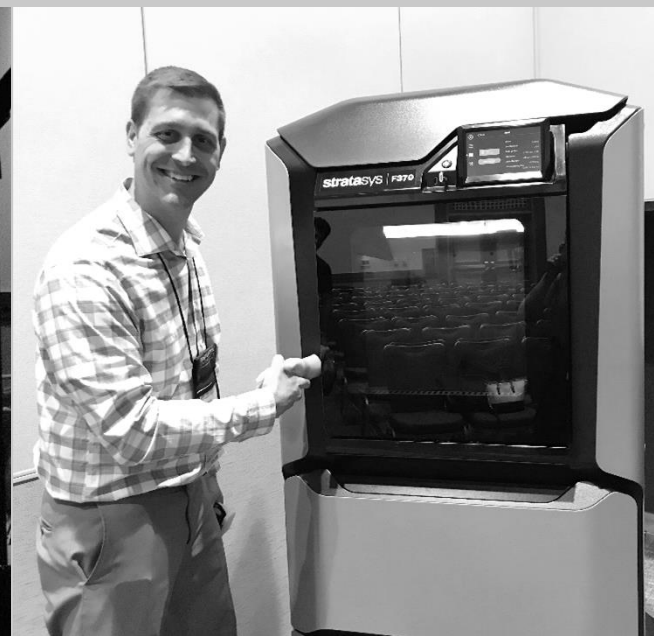
After attending the IISE Annual Conference we felt energized with many new ideas we can start implementing in this chapter and in our jobs. We hope you will join us next year!

- Kathryn



**KATHRYN
ECKHARDT**

IISE TWIN CITIES
EVENTS DIRECTOR



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PAST EVENT SUMMARY

MAYO CLINIC TOUR

JUNE 2018

On June 12th IISE Twin Cities members and students traveled to Mayo Clinic in Rochester for a tour and networking social.

Attendees met with other industrial engineers to learn about how IE work is applied at Mayo Clinic in clinical practice, quality and research. The presenters were asked great questions about how quality improvement is implemented at such a large organization.



Then everyone was split into groups for a walking tour of the Mayo Clinic campus that highlighted the Proton Beam Therapy facility and the Lab and Pathology processing area. When the formal tour was over the group had a networking social at Dooley's Pub in downtown Rochester.

UPCOMING EVENT

SUMMER SOCIAL

THURSDAY, AUGUST 16, 2018

Please join us for the IISE Twin Cities Summer Social at Bauhaus Brew Labs in Northeast Minneapolis on Thursday, August 16th, from 5-8 PM. This event is free to attend. We cannot think of a better way to spend a beautiful summer evening than meeting new people and trying some delicious beer, so we hope to see you there!



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FIND US:  IISE.TwinCities@gmail.com  <https://www.iietwincities.org/>  Facebook  @IISetwinCities



UPCOMING EVENTS

JULY

24 IISE Shutterfly Tour

AUG

16 IISE Bauhaus Brewery Social Event

SEPT

6 IISE Boston Scientific – Minnetonka 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.

ENGINEERING LEAN & SIX SIGMA CONFERENCE 2018



SEPTEMBER 24-26, 2018 ATLANTA, GA



ANNUAL CONFERENCE & EXPO 2019

May 18-21, 2019 • Rosen Shingle Creek Hotel • Orlando, Florida

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.

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