



IIE Connection

PAGE I

JULY 2010

Inside this issue:

- 1. July Meeting 1
- 2. September Meeting Preview 1
- 3. News from Headquarters 1
- 4. President's Message 2
- 5. Membership Update 2
- 6. Career Development 3
- 7. Chapter Update 3-4
- 8. Officer Listing 4

1. July Meeting - Social Outing, TBones game



Please join us for some fun and laughs at an IIE Baseball Game for the Summer Meeting of 2010. This is an opportunity to bring your family and enjoy an evening of fun as the Kansas City T-Bones take on The Schaumburg Flyers.

Current members and their families, along with prospective members, are invited to attend!

When: Wednesday, July 21st, '10
7:05pm

Where: Community America Ballpark; Legends at Village West (Kansas City, KS)

Cost: Tickets are \$8.50 each (bleacher select) ; Children under 2 years get free admission

RSVP: by Monday, July 19th to Kyle Grabill at kyle.grabill@garmin.com

2. September Meeting Preview - Garmin

What began as a brainstorming session of a handful of engineers around a card table in 1989 has evolved into a worldwide collaborative effort of thousands of colleagues. Garmin's goal, as it was then, remains simple: To create navigation and communication devices that can enrich our customers' lives. Our innovative products

span various areas of interest, including automotive, aviation, marine, fitness, outdoor recreation and wireless applications.

Join us for a tour of the Garmin Olathe Manufacturing and Warehousing facil-



ity. Date, time and additional information will be included in the next newsletter. Stay tuned!

3. News from Headquarters

PE Exam Review for IEs

Are you considering taking the PE exam? IIE can help you prepare by refreshing your knowledge of in-

dustrial engineering topics, terminology, and formulas.

For more information, go to

<http://www.iienet2.org/Seminars/SeminarSummary.aspx?id=12654&seminar=PEI&grp=PDS&type=ih>

Call for Volunteers! Looking to get more involved in IIE? The Conference Planning Committee is a great way to help your local chapter as well as helping the chapter to raise money for student scholarships! We are looking for volunteers to help plan our annual Fall Conference in November. Please email Jennifer at jhedbe2@hallmark.com.

Do you have a great idea for a conference topic or speaker? The Conference Planning Committee is also looking for ideas for our conference as well as speakers. If you have been to a great conference lately or know of a great speaker with a topic that relates to IE, please email Jennifer at jhedbe2@hallmark.com with your suggestions!

4. President's Message

One of the advantages of being an IIE Member is receiving the monthly IE magazine. As a recipient of this publication, I have been very impressed with the last few months' issues. There has been some very thought provoking articles and editorials. The topics shared are diverse so there is typically something for all no matter what your interests may be. Members can checkout recent articles online at IIE's website (link below):



<http://www.iinet2.org/Landing.aspx?id=973>

Another advantage of being an IIE Member is the member rates on training programs and seminars offered by IIE. These programs range from Lean and Six Sigma Certifications and to more specific programs in Health Care Management and Supply Chain Management. If you are looking to enhance your skills, I would encourage you to check out the various programs offered. More information can be found at the following URL:

<http://www.iinet2.org/Landing.aspx?id=127>

In a recent conversation with a young IE, the topic of "what is an Industrial Engineer" came up. This is a seemingly simple question and can be defined loosely with concepts like process improvement and driving systems to an "optimal" state. However, an answer only begins to have real meaning for a larger audience when it is attached to something with which can be identified by the audience at hand. This is where it becomes very difficult since IEs find themselves in many different industries and roles. As Industrial Engineers, we are tied with common threads of our history and the education we have received, but from there our paths become very diverse based on career choices and interests. As a result, the discipline of Industrial Engineering has become very broad and difficult to define in relevant terms.

This very issue has led to many broader questions regarding the name of the discipline and the brand which it represents. All of these questions have their place which is beyond this editorial. However, I would like to suggest that IEs will make

their impact and find their meaning in the work that they perform and leadership that they provide. In my opinion, there has been no better time to be an IE than the current situation in which we find ourselves. While the problems and challenges may be large throughout business and government, there is a need for holistic solutions that are implemented in a journey of continuous improvement. As a discipline, Industrial Engineers are well equipped to handle these challenges and can provide direction through a very difficult time. Just as we refer to Industrial Revolutions which have fundamentally changed economies, I think it is fitting that we look to this time and pursue an "Industrial Engineering Revolution" where IEs provide leadership and direction to turn around the current situation and a result define the discipline for a larger audience. This is a broad vision but is ultimately carried out by the IEs in their current work space. Perhaps you can help lead this revolution...

Kyle Grabill, KC IIE Chapter President

5. Membership Update

South Central Region

Chapter 92

Membership 86

Congratulation Anita Ranhotra!

Our local chapter's member and officer, Anita Ranhotra has been named the recipient of the 2010 Outstanding Young IE - Business/Industry Award. The award was presented June 7 at the IIE Annual Conference & Expo 2010 in Cancun, Mexico.



Anita Ranhotra with IIE President, Roman Hlutkowsky

The Outstanding Young IE Award recognizes engineering contributions in the application, design, research or development of IE methods. It recognizes individuals in business or industry who have shown outstanding characteristics in leadership, profession-

alism and potential in the field. The award's competition is open to IIE members who are members of an IIE chapter and who are not older than 40 years of age on the Dec. 1 nomination deadline. Only one award is presented each year.

Anita, supply chain quality manager - systems strategy and execution at Hallmark Cards, is an industrial engineering and supply chain professional with more than 15 years of professional experience. She has held positions with Payless ShoeSource Distribution Inc., The Limited - Logistics Services Inc. and Hallmark Cards Inc. She holds a bachelor's degree in industrial and manufacturing systems engineering and a master's degree in engineering management, both from Kansas State University.

Anita has held various leadership positions at the local, regional and national level of IIE, including serving as the senior vice president of chapters on the IIE Board of Trustees. She has been actively involved in the Kansas City chapter since 1995 and has held most of the chapter's officer positions at some point in the past 15 years, including chapter president. She also is involved with Kansas State University and serves on the advisory councils for both the Department of Industrial and Manufacturing Systems Engineering and the Multicultural Engineering Program.

6. Career Development



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Job Opening—
Industrial Engineer

Basic Function

Participates in lean engineering activities, analyzing models, space utilization, flow charting, materials handling systems and equipment to assist management with improving productivity, associate welfare and reducing costs.

Principal Responsibilities

1. Participate with operations on process and methods improvements to drive operational excellence.
2. Support senior engineers concerning lead-times, delivery and installation schedules; reviews supplier bids, prepares purchase orders and follows up on receipt and delivery problems. Compares construction and installation are taking place as scheduled, on budget and according to established specifications.

3. Assists engineers to develop, implement and maintain productivity standards.

4. Conducts analysis of space and equipment utilization. Use industrial engineering skills to research and recommend techniques that will increase space and equipment capacity.

5. Conducts benefit analysis of proposed capital projects including evaluation of methods, ergonomics, equipment layout and design. Standards – Assists engineers to develop, implement and maintain productivity standards.

6. Works with senior engineers gathering information from Factory Mutual, OSHA and government municipalities to ensure facilities are conforming to all codes and insurance requirements. Provides engineering support to the safety and energy team.

7. Works with internal and external resources to identify potential issues that could negatively impact the use of the facility.

8. Provides support in the development facility and corporate wide studies.

Position Requirements

Education: Bachelors of Science in Industrial Engineering

Experience: 2+ years in the development and application of engineering techniques and procedures. Experience with distribution centers a plus.

Core Competencies:

Strong oral and written communication skills

Above average drive for results

Strong relationship building skills

Solid knowledge of logistics operations

Ability to manage multiple projects simultaneously

7. Chapter Update

CAR Update

This past June, I had the great pleasure on our chapter's behalf of accepting the Gold Award for Outstanding Professional Chapter at the 2010 IIE

Annual Conference. Our chapter is in great company with only six other professional chapters receiving this top award

for the 2009 chapter year: Detroit (MI), National Chapter (DC), Pittsburgh (PA), Richmond (VA), Twin Cities (MN) and IIE South Jersey Delaware Valley. Our Chapter Board hopes to continue to serve our professional members in the Greater Kansas City area with outstanding programs and support in 2010.



Jennifer Hedberg with IIE President, Roman Hlutkowsky

The Gold Award is one of the seven professional chapter awards each year, with the Gold Award being the highest awarded. One of the ways our Greater Kansas City Chapter obtains this award is by continuing to support our local student chapters. In section 4.2 of the CAR (Chapter Activity Report), we highlight the areas in which our chapter has helped with Student Regional Conferences, Other Student Outreach and Other Student Financial Support. These three categories are worth 15 total points of the 100 point CAR report.

4.2.a: Student Regional Conference

We received only 1 of 5 total points by sending a KCIIE member to a student conference. We have aimed to improve in this category by sponsoring more student conferences in 2010.

4.2.b: Other Student Outreach

We received 5 of 5 total points by participating in University student guidance days, National Engineers Week, supporting stu-

dent programs and providing speakers for university meetings. In addition, many of our chapter members have volunteered in local science fairs and engineering development seminars.

4.2.c: Other Student Financial Support

We received 5 of 5 total points in this category by consistently providing a monetary donation for scholarships of \$1,250 a calendar year to the IIE programs at Kansas State and University of Missouri.

Although our Greater KC chapter consistently receives IIE's top awards, we still have many areas in which to improve. Every member's continued support of the chapter through attending tours and our annual conference helps our chapter to support our community and also our local student chapters.

Jennifer Hedberg
KC IIE Chapter President-Elect

2010 May IIE Meeting—Boulevard

7. Chapter Update Cont.

Chapter Celebration & Tour at Boulevard Brewery

On May 25, the Kansas City IIE Chapter hosted a celebration at Boulevard Brewery for the chapter's awards in 2009. Kansas City IIE received the Gold Award for chapter performance and the Platinum Award for the newsletter competition. Both awards are the highest possible that a chapter can receive from IIE headquarters.

Attending members and their guests enjoyed a tour of the Boulevard Brewery, tasting, and treats. Everyone enjoyed seeing the changes that have occurred at Boulevard Brewery including a new bot-

tling line and room where beer is aged in barrels.

Union Hill Cemetery Clean Up

On May 22nd, the KCIIE chapter hosted their annual community service activity at Union Hill Cemetery.

In addition to appreciating the history of the cemetery, chapter volunteers spent the morning cleaning and preserving tombstones.

Please answer the following questions using a scale 1-5, with 5 being "Highly Satisfied" and 1 being "Improvement Needed."

Answer Options	5	4	3	2	1	Response Count
Overall event experience	5	0	0	1	0	6
Location of event	3	2	0	1	0	6
Day of the event	3	2	1	0	0	6
Presentation by the event leader	4	1	0	1	0	6
Length of event	5	0	0	1	0	6
Ability to ask questions	5	0	0	1	0	6
Networking opportunities	4	1	0	1	0	6
Informative	4	1	0	1	0	6

Boulevard Brewery tour



2010 IIE Union Hill Cemetery Clean Up

Please complete the following question using a scale

Answer Options	5	4	3	2	1	Response Count
Overall event experience	3	0	1	0	0	4
Location of event	3	0	1	0	0	4
Day of week of the event	3	0	1	0	0	4
Presentation by the event leader	3	0	1	0	0	4
Length of event	3	0	1	0	0	4
Ability to ask questions	3	0	1	0	0	4

Union Hill Cemetery



8. Officer Listing

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