



Institute of Industrial Engineers Chapter 47, Greater Detroit Area, Michigan

NEWSLETTER

Mission: It is the mission of the Greater Detroit Chapter to promote the advancement of Industrial Engineering by providing professional development information and resources to our members and the community.

**October 2011
Volume 55, No. 3**

2011 Officers

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Dave Cottrill
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Regional V.P

Vanda Ametlli

Congratulations to our VP Finance!

The IIE-GDC VP Finance, Kerry Coran, gave birth to her second daughter Elliot earlier this summer on August 5th.

The BOD would like to wish her and her family all the best and big "Congratulations!"

Surgical Robot Demo at Crittenton Hospital Medical Center

IIE was invited on August 4th to Crittenton Hospital Medical Center for a demonstration of the da Vinci surgical robot. Crittenton has leveraged the robot to improve their patient experience and processes. Our president John Preston was in attendance and very impressed with the robot and Crittenton.

For John's insights and a picture, see page 3.....

Cass Corridor Community Service Day

In mid June, some of the IIE BOD, as well as a handful of student and professional volunteers, met on Cass Corridor for a community service day. The group helped plant flowers, lay mulch and do other landscaping to benefit the Cass Corridor Neighborhood Development Corporation.

Picture on page 3.....

2011 Programs

Upcoming Programs

- **Tues, Oct 18th** Harbour Report Presentation
- **Nov TBD** GDC Sponsored Event
- **Wed, Dec 14th** Holiday Party

Check out details at the Greater Detroit Chapter Website:

www.iiedetroit.org

IIE New Member Profile

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New Member Profile: Bryan D. Castleberry

Bryan met a few members of the Greater Detroit Chapter Board of Directors this last August at the Tigers baseball game social event. He is a bright and talented young Industrial Engineer and also very friendly to sit next to while watching Verlander pitch one of his only losses of the season.

Bryan presently works for Ford Motor Company in Dearborn, Michigan as Workshop & Project Management Engineer. Mr. Castleberry holds a Bachelor's degree in General Science and in Industrial Engineering from Morehouse College & Georgia Institute of Technology, respectively. During his spare time, Bryan enjoys cooking, running, reading, mentoring, and helping others.

Along with being a member of IIE Detroit, Bryan serves as Pre-College Initiative & College Initiative chair for the National Society of Black Engineers - Detroit Alumni Extension chapter and active with several committees affiliated with the Engineering Society of Detroit. Bryan is dedicated to creating a pipeline where professionals can give back to the future leaders of Detroit in a creative and meaningful way.

Membership Info

Total Members: 160

New Members: 0

Members Reinstated: 2

Over 20 memberships expire in the next 2 months!
Please check your membership status and renew if needed.

We have a lot of great programs coming in 2011 and you need to be a member to take advantage of discounted pricing!
Visit <http://www.iienet2.org> and go to the "Membership" section to renew.

The IIE Detroit Chapter #047 has 160 members in the greater Detroit metropolitan area. See our website at <http://www.iiedetroit.org/>.

You may contact the following local Greater Detroit IIE Chapter Officer for additional info:
John Preston, President president@iiedetroit.org



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2011 Program Updates

Hands on Surgical Robotics Demo at Crittenton Hospital

By: John Preston

Crittenton invited the IIE GDC chapter to its hospital on August 4th to learn about the da Vinci surgical robot system. Gowning up in scrubs, the IIE attendees joined the nurses in the surgical room. The nurses of Crittenton shared with IIE members their experiences learning and mastering the benefits of surgical robotics. The da Vinci system reduces the patient's pain and risk factors, while shortening hospital stay by reducing recovery time.

The nurses of Crittenton have worked diligently to improve the efficiency of the da Vinci surgical room. Employing lean tools, such as process mapping, the nurses have been able to dramatically reduce turnover time between surgeries; thus, increasing the equipment's availability. After a quick demonstration, each of the IIE attendees was allowed to test-drive the three million dollar robot. With a little practice, IIE members learned quickly how to carefully guide rubber bands (cancers) away from test tubes (arteries). Members who grew up playing videos did seem to have a slight advantage.

IIE is very grateful to the nurses of Crittenton. They were great hosts!

Tiger's Game IIE Social Event

By: Dave Stajninger

On July 15, the IIE Detroit chapter hosted an outing for its members to see the Detroit Tigers take on the Chicago White Sox at Comerica Park in Detroit. While the result was not one the group had hoped for (one of Justin Verlander's few losses this season), it was a great summer evening that everyone enjoyed.

The event provided a great opportunity for existing and new members to socialize and network. The IIE Detroit chapter is committed to providing professional, educational and social activities that provide value to its members.

Please feel free to submit ideas for future events and activities.

IIE Cass Corridor Clean Up Volunteer Day

Wayne State IE Aishwarya Sankar came out to lend a hand planting flowers and beautifying a Cass Corridor neighborhood



The clinical staff from Crittenton Hospital pose in front of the da Vinci surgical robot. This team was gracious enough to give IIE an excellent demonstration of the robot's capabilities.





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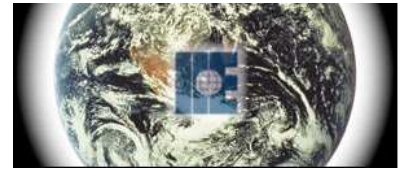
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IIE Greater Detroit Members,

Please consider joining us for the presentation of the 2011 Harbour Report! Jennifer Wong of Oliver Wyman will be presenting on their findings in the report. The cost is \$10 and food will be provided. You can RSVP [here](#). All payments will be on site. See additional details below.



Visit us on the web at
www.iiedetroit.org

Newsletter questions:
communications
@iiedetroit.org

**Thursday, October 18, 2011
5:30 pm**

Lawrence Technological University
Engineering Building, Room E101



21000 West Ten Mile Road
Southfield, MI

<http://www.ltu.edu/map/>

RSVP at Eventbrite

<http://iieharbour2011.eventbrite.com>

Cost: \$10

Payable via cash/check on site

The Institute of Industrial Engineers Greater Detroit Chapter hosts Oliver Wyman's

HARBOUR REPORT™ OVERVIEW

Join IIE in welcoming the Oliver Wyman Group to present findings found in their latest The Harbour Report™. The Harbour Report™, published since 1981, is the authoritative guide to automotive manufacturing in North America, and is a leading competitive analysis tool used by OEMs and suppliers to benchmark performance, develop strategies, and improve operations.©



PRESENTER: JENNIFER WONG

Jennifer Wong joined Oliver Wyman as an analyst for The Harbour Report™ in 2010. Prior to joining Oliver Wyman, Jennifer worked for three years at the Center for Automotive Research in Ann Arbor. She is responsible for data collection, validation, and analysis of all manufacturing data exchanged through the Harbour Report™. She received her bachelor's degree in Industrial and Operations Engineering from the University of Michigan.

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