A Letter from the Chapter President

Hi Everyone,

I am very excited to take over for Tanya as President of IIE. We have a great board this semester and have already accomplished a lot. Over the next year my goals are to create more opportunities for our members to get involved at Purdue and grow professionally, to get more general members involved in the organization, and to develop new company relationships with IIE that will be both beneficial to IIE and the companies. We are already starting to accomplish these goals with our outstanding committees this semester.

Our Professional Development committee, directed by Sam Johnson, has done a great job of reaching out to new companies. They have already organized our annual Intern Night this spring, where we had Halliburton and Danaher present on their job opportunities for IEs. They are also working on organizing skill builders for preparing for interviewing and for how to use and benefit from LinkedIn. This past fall we found that many of our members are very interested in consulting, and we are trying to cater to their interests. Our Professional Development Committee is also working on organizing an informational session and case study with a consulting firm, to give our members more information on the opportunities consulting has to offer.

Our programs committee, directed by Amy Swenson, has already done a great job this semester organizing our annual Technical Paper Contest, sponsored by Cummins, as well as our Faculty Luncheon.

Mission Statement:

The mission of the Institute of Industrial Engineers is to help our members succeed academically, grow socially and professionally, and discover the opportunities within Industrial Engineering.
A Letter from the Chapter President

A Successful Start to the Term for IIE Executive Board

We had a great turnout for the Technical Paper contest with six papers entered into the competition. The 1st and 2nd place winners at our Purdue competition went on to take 1st and 2nd in the Regional Conference Technical Paper Contest at Ohio State this past February.

Our Programs Committee has also done a great job planning our Faculty Luncheon this semester. We had a great turnout of faculty and students that would not have been possible without our board members’ hard work and dedication to making it happen.

Our Public Relations and Marketing Committee (PRM), directed by Carlos Hinojosa, has taken a proactive role in getting our general members more involved with the organization and making sure everyone in the school of Industrial Engineering, including faculty, know what is going on with IIE. Carlos and his team have done a great job and we have already seen an improvement in the turn-out at events. They are currently working on planning our outreach event with a local high school, where we will speak with future college students about why they should pursue engineering (IE in particular).

PRM is also working with the Purdue Rube Goldberg Team to bring their Guinness-World-Record-breaking machine to the outreach event at the high school. This semester we are trying to reach out not only to our general members, but also to other organizations and the community. This would not be possible without our incredible PRM committee.

Our Grand Prix Team, lead by Directors Andrew Powell and Allison Scheidegger, is doing a great job of preparing for this year’s race. The team had a great race last year that was cut short by an unfortunate crash, but this year they are going to have a great finish!

I hope everyone has had a chance to check out our new website, [www.purdue.edu/iie](http://www.purdue.edu/iie). It has more information on what is going on with IIE and ways to get involved for students, alumni, and company representatives. Also be sure to keep an eye out for our new website for IE apparel sales! Our Treasurer, Brandan Lewallen, and Assistant Treasurer, Forrest Foster, have been working very hard with Freckles Graphics, a local graphics printing company to make a website to sell our IE and IIE shirts. The “Legend” Barany shirts will be one of the first things on the new website. All in all, I am looking forward to an exciting semester!

Presidential Shout-Outs

- Congratulations to Tim Duket on winning the Technical Paper Regional Conference and good luck at the National Conference this summer!
- Congratulations also to Tanya Nagatani for placing first in the Purdue Technical Paper Contest!
- Keep an eye out for the “Legend” Barany T-shirts, which should be for sale soon on the website or at the next board meeting!
- Don’t forget about the Grand Prix BBQ coming soon! It will be the Friday before Grand Prix on the Grissom Lawn facing Grant St. Details will be on the website soon. Alumni are welcome!
Faculty Luncheon

Intern Night

Technical Paper Contest
Duket Accepts Position as IIE Faculty Advisor
Continuing the Exceptional Legacy of Purdue IIE

By Jake Christian
Managing Editor

The older I become, the more apparent it becomes that mentors are incredibly important. Intelligent, skilled people who can give sound counsel, yet who are approachable and who truly care; these people are hard to find. To make matters worse, finding someone with all of those qualities who has a sense of humor can be nigh impossible. That is just one of the many reasons that losing Dr. James Barany as IIE faculty advisor was such a blow to both the students and the organization as a whole.

Just when finding a new advisor who could live up to the legacy of Barany seemed hopeless, however, Mr. Steve Duket volunteered for the job. Duket is the Managing Director for the Purdue School of Industrial Engineering and has a long legacy at Purdue, having earned both his BSIE and MSIE from Purdue University. He is no stranger to IIE either.

“I have been associated with IIE for 35 years; I’m a Fellow of IIE and so it’s a very important organization for me,” said Duket.

In addition to his fantastic academic qualifications and impressive length of time as an IIE member, he also has years of essential experience as a practicing engineer. In fact, Duket has over 35 years experience in the application of simulation, planning, and scheduling techniques to industrial and military logistics, materials handling, manufacturing, and transportation systems.

While Purdue IIE’s executive board was thrilled with his offer to become faculty advisor, many were curious as to why he decided to take the extra responsibility, with such a demanding job for the university already.

“IIE is the organization of IE’s that encompasses everything that we teach here at Purdue, and it includes elements of human factors, elements of manufacturing . . . so it’s a very convenient mechanism to bring everything together. It also gives me an opportunity to get direct input on how the department is doing from the students.”

From just that statement, it is easy to see that Duket both cares about the goals of IIE and the students themselves. However, while it is clear that he is interested in interacting with students, his views on the recent Regional Conference also show an interesting side of him; a side that knows what age-group he is working with and that a laissez-faire attitude can be just as helpful as good advice. When asked if he got to know the students better on the regional conference trip, he replied,

“No, not on this particular trip, because I was more trying to act as an observer of what happens at these conferences, instead of as an active participant. I think it’s a student regional conference, so it’s more appropriate for the students to interact with one another.”

Indeed, it is clear that Duket understands students, the goal set of IIE, and Purdue Industrial Engineering better than most, and this provides a unique and very appropriate skill set for being an advisor. While he admits to being new to the position and says he is still getting the hang of things, it is obvious that his dedication to his IIE students and Purdue IIE as a whole will continue the legacy of Dr. James Barany, and help to keep Purdue IIE as one of the best chapters in the country.
Student Thoughts on IIE Regional Conference 2012

“My favorite part about conference was the bonding time with IIE members, especially because I’m new this year. I loved going out in the evenings, exploring Ohio State, going to events, and eating meals with everyone.”
- Mary Belwood

“Let’s see, my favorite part about conference . . . It was probably being able to listen to all the speakers, the leading minds in IE, and see where this field is heading.”
- Luke Schreiber

“My favorite part was getting to know the younger people on the IIE board. It was nice to talk to them about other things than IIE advice, and break away from business. There was an hour of downtime where five of us went on a self-guided tour around OSU, and it was just fun to see their campus.”
- Lane Konkel
IIE Member Commendations of Excellence
Recognizing the Achievements of Purdue IIE Members

Tim Duket
Tim Duket placed second in the Purdue Technical Paper Contest out of six papers, which was enough to send him to the Regional Technical Paper Contest. After a close battle with the three other competing papers, Duket came in first place and is now going on to the National Contest in Orlando, Florida. His paper and presentation dealt with an agent-based model simulation to determine, for instance, the optimal number of chapters for a non-profit organization such as the American Red Cross. Wish him luck as he continues on to the finals!

Tanya Nagatani
In addition to doing a fantastic job as IIE Chapter president for the Spring/Fall 2011 Presidential Term, Nagatani also competed in the Purdue Technical Paper Contest with a group of her colleagues, including last term’s vice president Craig Brissman. She and her group took first place out of six papers! She then went on to the Regional Technical Paper Contest, achieving second place out of four papers. Her group’s paper was an industrial engineering analysis on improving the undergraduate class selection process, a pressing need.

Carlos Hinojosa
Carlos is the Public Relations and Marketing Director for the Spring 2012 Semester, and has done a fantastic job so far. Ironically enough, while Carlos is possibly the most efficient director IIE has ever seen, his claim to fame comes from inefficiency: an extreme amount of it. Carlos and his team from the Purdue Society for Professional Engineers created a Rube Goldberg Machine that took first place at the Regional Competition. This year’s machine took 300 steps to perform 25 different tasks. Congratulations to Carlos!
Executive Board & Directors

Executive Board

President: Ryan Tuomenoksa
Vice President: Vindhya Tumati
Treasurer: Brandan Lewallan
Secretary: Yujiao Lei
Assistant Treasurer: Forrest Foster

Directors

Professional Development: Sam Johnson
Public Relations and Marketing: Carlos Hinojosa
Programs: Amy Swenson
Grand Prix: Andrew Powell

IIE Board Members - Spring Term 2012

Do you have questions, concerns, suggestions, or feedback? Please don’t hesitate to contact Jake Christian, Managing Editor, at christi2@purdue.edu with any or all of them.