



American Society for Engineering Education Illinois-Indiana Section Newsletter

ASEE IL-IN Travels to Puerto Rico for Zone 2 Conference: “Engineering Everywhere for Everyone”

For the first time since 1988, the Illinois-Indiana Section will collaborate with all Zone II Sections for a joint Zone II Conference in the Southeastern Section location of beautiful San Juan, Puerto Rico, March 2-5, 2017. All three sections will jointly host the Zone II conference instead of individual sectional conferences. Zone II consists of the North Central Section, the Illinois-Indiana Section, and the Southeastern Section. Conference chairs include Section president Tom Trusty and ASEE Zone II National Board of Directors member Gary Steffan.

The conference will include a variety of paper presentations, panels, invited workshops from Puerto Rican facilitators, an undergraduate poster session, and, possibly, a graduate recruitment fair, in addition to several receptions and meals for socializing and networking. This Zone II conference is a wonderful opportunity for academic and industry representatives to discuss and share relevant topics in improving the engineering experience. Participants include college deans, department chairs, student service professionals, advisors, faculty in engineering and engineering technology, K-12 teachers, and industry leaders from throughout the Zone. The conference schedule can be found at <http://zone2.asee.org/>.



The conference venue is the Caribe Hilton Hotel in San Juan, Puerto Rico, a beachfront hotel located on a lovely 17-acre peninsula with easy access to UN World Heritage Site Old San Juan. The hotel has numerous amenities, including a spa, a bird sanctuary, water sports, and children's activities.

The conference will include an optional half-day visit to the Arecibo Observatory (left), the world's current largest single-dish radio telescope, located outside San Juan. Another optional excursion will take conference attendees to the 400-year-old El Morro fortress in Old San Juan.



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Highlights from ASEE IL-IN 2016 at WIU Quad Cities

Valparaiso University professors Mark M. Budnik (left) and Stewart Thomas (right) share the award for the Best Paper at the conference. Others in the photo are Carmine Polito, Awards Chair (to the left of the winners), and Tom Trusty, Section President, and Khaleed Zbeeb, Section Treasurer and 2016 Conference Co-Chair.



James Hanson, Rose-Hulman professor and Section Secretary, displays his Service award (below).



Maria Gershutz (above), biomedical engineering professor at Trine University, is the 2016 recipient of the Section's Outstanding Teacher-of-the-Year award. She will speak at the next ASEE Illinois-Indiana Section Conference in spring 2018.



Cinda Heeren (left), the 2015 Section Outstanding Teacher-of-the-Year from the University of Illinois Urbana-Champaign, gave an animated presentation at the 2016 conference.



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**To learn more,
contact**

Tom Trusty

**trustyt@trine.
edu**

**Office phone:
260-665-4266**

Greetings Illinois-Indiana Section Members,

We enter the fall season with excitement knowing that our spring conference will be held in the beautiful and sunny location of San Juan, Puerto Rico! The conference is scheduled for March 2-5, 2017 at the Caribe Hilton and the theme will be "Engineering Everywhere for Everyone". Logon here to learn more: <http://zone2.asee.org/>. This is a Zone II conference that will replace our typical section conference this year. It should be an exciting time to share with those from the other sections in our zone in at a still intimate, yet larger conference than our typical spring section event. I am looking forward to seeing you there to experience the event and learn from those who are sharing their education research.

The conference at Western Illinois University last spring was a great success. It was so nice to hold it back in the state of Illinois again. WIU was able to showcase their great facility and help us all see why they have such interest in their programs. The technical sessions shared great information and the student poster session was excellent, showcasing the quality of students and faculty from the institutions in the section.

Award winners from the conference included Outstanding Teacher-of-the-Year, Dr. Maria Gershutz from Trine University; Campus Representative, Ashley Bernal, Rose-Hulman Institute of Technology; and Service Award, James Hansen, also from Rose-Hulman. The Best Paper, "Is It a MOOC? Or Is It a Textbook for the 21st Century?" was written by Mark M. Budnik and Stewart Thomas from Valparaiso University.

As we look forward into our next conference back in the section we are excited to be currently working out the details with Purdue University in West Lafayette in preparation for them to be our host site in 2018. It will be great to see the growth and advancement that has taken place at the campus since our last visit.

Remember there are annual award opportunities offered by the section that are recognized at the upcoming conference. In order to qualify, you must be a member of the ASEE and the Illinois-Indiana section, so get your renewals processed! This year the conference will recognize the Best Paper and Best Student Posters with awards. The Best Paper award, which includes a \$250 stipend for the winner, is selected from papers submitted to the conference as nominated by the reviewers and the program chair. The selection is based on both the written manuscript and the presentation. In addition, the section presents the following section awards annually: Outstanding Campus Representative, Outstanding Service, and Outstanding Teacher.

To apply for the Outstanding Teaching Award, which includes a \$750 stipend, you must follow the guidelines as presented on the national ASEE website <https://www.asee.org/member-resources/awards/full-list-of-awards/section-awards> and submit an electronic nomination packet me as the Section Chair. The Awards Committee will then review the nominations and select who it considers the most notable. The recipient agrees to present a keynote address on a topic of their choosing at the following year section conference. If you know of someone deserving of this honor, please nominate that individual prior to January 10th, 2017.

As always, if you are interested in learning about becoming more involved in the section leadership and guidance, I encourage you to let me know.

I look forward to seeing you all in Puerto Rico!

Tom

ASEE IL-IN Officers (2016-2017)

Name	Position	Institution	Email
Tom Trusty	Chair & webmaster	Trine	trustyt@trine.edu
Jamie Canino	Chair-Elect	Trine	caninoj@trine.edu
Carmine Polito	Past Chair & awards	Valparaiso	Carmine.Polito@valpo.edu
Gary Steffen	Section Campus Representative	IUPUI Fort Wayne	steffen@ipfw.edu
Khaled Zbeeb	Treasurer	Western IL Quad Cities	K-Zbeeb@wiu.edu
James Hanson	Secretary	Rose-Hulman	James.hanson@rose-hulman.edu
Joanne Lax	Newsletter editor	Purdue W. Lafayette	jlax@purdue.edu



Actually, no specific date has been set yet for the 2018 ASEE Illinois-Indiana Section Conference. We will update you with the location and date by March 2017. In the meantime, start thinking about research you would like to present when the conference comes home to the Midwest!

The second place student poster winner, represented by Warren Burkhart and Russell Cooper, Trine University (right), presented their work on “ShopBot CNC Router to 3D Printer Conversion.”

Below, the third place team of Andrew Hambin, Evan Leong, and Andrew Hamblin, Bradley University, displayed a poster on “Music Production World.”

First place winner Rachid Lagzouli, Western Illinois University-QC is not shown. His poster was titled “Load Cell Design for Soil Consolidation Testing.”



Acknowledgements

Photography—James Hanson

First-page conference information—

Barbara Bernal, 2017 Zone II Conference Chair

Hodge E. Jenkins, Southeastern Section President-Elect & Newsletter Editor