

ChE Humanitarian Presentation and Student Scholarship Award Dinner Meeting

Date & Time: Thursday, May 12, 5:30-8:00 PM

Location: "Bear's Den" at the Hersheypark Arena, 100 W Hersheypark Dr., Hershey, PA 17033 - see directions below and map opposite

Directions: From the intersection of Hersheypark Dr. (Rte 39) and Park Blvd. – follow Park Blvd. toward the Giant Center and take the curve to the right around the Giant Center. Keep to the outside as the road loops around the Giant Center and passes under Park Blvd. Follow signs for "*Hersheypark Arena*" and stay to the right of the Hersheypark Stadium. At the back of the Stadium, you will see the Arena. Park near the lamp post marked # "1". The *Bear's Den* entrance is the small door that is two doors to the left of the large "Entrance 3" sign. Once inside, the *Bear's Den* room is on the right.

Parking map: <http://www.hersheypark.com/assets/pdf/park-info/parking.pdf>.
There is no charge for parking as Hershey Park is not in operation on this day.

Program:	5:30-6:00	Guests arrive and register, Introductions
	6:00-6:45	Buffet Dinner
	6:45-7:45	Presentation on Humanitarian Service Opportunities for ChEs
	7:45-8:00	Scholarship Awards, and Adjournment

Menu: Caesar Salad, Penne Pasta, Meatballs and Sausage in Marinara, Grilled Chicken Breast, Chef's Blended Vegetables, Breadsticks, Assorted Deserts, Regular & Decaffeinated Coffee, Hot Tea, Assorted Beverages

Presentation: **Humanitarian Service Opportunities for Chemical Engineers**

AIChE is the "global home of chemical engineers" and chemical engineers are uniquely qualified to address global needs. Worldwide, 800 million people are chronically undernourished, 1.4 billion people have no access to electricity, and more than two billion people lack clean water and adequate sanitation. Most sustainable solutions to these horrific problems entail very basic technologies, which chemical engineers are well qualified to address. However, there are often seemingly insurmountable social, political and economic barriers. Chemical engineering science and methods, with an interdisciplinary approach, can bring essential benefits to address these world challenges. We will take a look at some personal case studies in humanitarian service, and then discuss the meaning of sustainability in the context of global humanitarian service, the role for chemical engineers, the profound personal and professional benefits, and some specific ways to get involved now.

Speaker Bio: **John Cirucci, FAIChE, Spatial Analytics**

John Cirucci is a process technologist and geospatial scientist, consulting in the field of geospatial analysis, decision support and data visualization. He is retired from Air Products where he most recently served as manager of corporate exploratory technology.

John is an AIChE Fellow and serves on the AIChE Foundation Board of Trustees, Fellows Council, and Global Societal Initiatives Committee. He is a past AIChE Board Director and Societal Impact Operating Council Chair. As an

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active member of Engineers Without Borders-USA he founded the EWB Lehigh Valley Professionals Chapter, and is currently working with communities in Africa and Central America to build basic human needs infrastructure.

John received a BS and MS in chemical engineering from Penn State and Lehigh University, respectively, and a Master's Degree in Geographic Information Systems from Penn State.

Cost: \$20 Susquehanna Section Members, \$10 Students, \$30 Non-members, payable upon arrival (cash or checks made out to "Susquehanna Section AIChE") or in advance by PayPal at <http://www.aiche.org/community/sites/local-sections/susquehanna>

RSVP: RSVP by 6pm Thursday May 5 to Peter Kabatek, pkabatek@aol.com. Indicate in your RSVP if you require a PDH certificate.
Note: Because we have to reserve dinner after the RSVP deadline, any no-shows will be invoiced for payment.

Acknowledgement: Susquehanna Section AIChE thanks our 2016 Scholarship Donors:

- **The Hershey Company** (Hershey, PA)
- **Palsgaard Inc.** (Morris Plains, NJ)
- **Stephens & Krizner Co., Inc.** (Lenhartsville, PA)
- **Graybill Machines, Inc.** (Lititz, PA)
- **Maggs & Gallagher, LLC** (West Chester, PA)



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Hersheypark Arena History:

The *Hersheypark Arena* is the original home of the *Hershey Bears*. Today it is a multi-purpose indoor sports venue that hosts local teams and public skating sessions.

Since 1936, *Hersheypark Arena* has hosted memorable concerts and family shows. Beginning in 1936 and continuing until their move to *Giant Center* in 2002, the *Hershey Bears* called this 7,225 seat arena home for many years!



When built in 1936 as the Hershey Sports Arena, the building was the largest monolithic structure in the United States in which not a single seat suffered from an obstructed view. For 66 years it was the home of the Hershey Bears hockey team from 1936 to 2002. The second sport at the arena was basketball. On March 2, 1962, Philadelphia Warriors center Wilt Chamberlain recorded a record-setting 100 points in an NBA game against the New York Knicks, a record that still stands today. It hosted the PIAA basketball and wrestling championships, and it also served as the home of the Hershey Impact, a National Professional Soccer League team from 1988 to 1991. It has also hosted the Ice Capades, Disney on Ice, professional boxing, tennis competitions, and the fifth WWF In Your House pay-per-view in 1995. Previously it hosted the third ever WWF Saturday Night's Main Event on October 31, 1985 (aired November 2) with the main event being a tag-team match featuring WWF Champion Hulk Hogan teaming with André the Giant facing the team of Big John Studd and King Kong Bundy.

On October 13, 1953, the arena also hosted an extravagant birthday celebration for President Dwight D. Eisenhower whose farm and "weekend White House" was located in nearby Gettysburg. Phish performed and recorded their show there on December 1, 1995, which was later released as a live album, entitled *Live Phish 12.01.95*.

The "Bear's Den" is the 1936 version of a private room where some of the well-heeled and fortunate customers sometimes got to mix with the celebrities who performed at the arena. The walls are covered with autographed pictures of the famous. There is barely an inch or two of open space and a quick tour shows: Johnny Mathis, Minnie Pearl, Englebert Humperdinck, James Taylor, George Burns, the Spinners, Bonnie Raitt, Phil Collins, John Mellencamp, Natalie Merchant, Johnny Cash, Fleetwood Mac, Frank Sinatra, Bob Hope, and Benny Goodman, among many others.