Welcome to the 19th Annual Colloquium on International Engineering Education! The focus this year is on global work force preparation. In choosing plenary, workshop and break-out session topics we concentrated on the forum’s core expertise:

• Showcasing the unique blend of academic curriculum design across the disciplines - integrating engineering with foreign language & culture
• Strategizing on best practices for effective study abroad and experiential learning opportunities in industry, both locally and globally.

We devoted ample time for interactive formats such as workshops, Cafés and networking fairs to leverage the experience of seasoned experts in program building and evaluation for new guests of the Colloquium.

At the same time, we chose keynote speakers from the realms of research, academia and industry who each bring their own unique perspective on what it means to prepare a global work force –

• How does a national research lab engage with colleagues in the field world-wide to optimize its own knowledge production by exploring international synergies and technology transfer?
• How must universities change to become major players in building the knowledge economy in their states, and what can they do to help opening global markets?
• What are the dynamics behind corporations whose changed manufacturing needs propel them to reach beyond familiar territory and demand a kind of workforce that is prepared to cross foreign borders, languages, and cultures?

I very much hope that the stimulating exchange of ideas in Newport may lead some of you to further refine your thoughts and reflections and submit an extended version of your presentation to the Online Journal for Global Engineering Education (OJGEE), co-edited by Damon Rarick, Brent Jesiek and myself. OJGEE will thus serve both as an archive for our collaborative exchange and as its extension on the research level.

Many thanks to all of you for giving this Colloquium your consideration, to our corporate, government and academic sponsors for their generous support, and especially to the dedication of the IEP team and our Colloquium Steering Committee:

Melissa Armstrong, Northern Arizona University
Ilka Balk, University of Kentucky
Chris Cooper, University of Cincinnati
Gayle Elliott, University of Cincinnati
John Grandin, University of Rhode Island
Eckhard Groll, Purdue University
Amy Henry, Georgia Institute of Technology
Mark Rectanus, Iowa State University
Gregg Warnick, Brigham Young University

I hope you enjoy this year’s annual meeting!

Sigrid Berka
Thursday, November 3

8:00 a.m. Plenary I: University/Industry Roundtable
9:30 a.m. Ballroom
Gale Spak, New Jersey Institute of Technology (NJIT)
Christine Benz, Trumpf, Inc.
Zachary Cobb, Hexagon Manufacturing Intelligence, Inc.
Sean Randall, Shimadzu Scientific Instruments, Inc.
Greg Case, Taco Comfort Solutions, Inc.
Moderator: Mark Rectanus, Iowa State University

11:00 a.m. Plenary II: Assessing International
12:30 p.m. Engineering Experiences (Ballroom)
Brent Jesiek, Purdue University
Cheryl Matherly, Lehigh University
Larry Shuman, University of Pittsburgh
Mary Besterfield Sacre, University of Southern California
Brian Mitchell, Council of Graduate Schools
Moderator: Greg Case, Taco Comfort Solutions, Inc.

12:45 p.m. Lunch & Keynote by Arthur Carty, Executive Director, Waterloo Institute for Nanotechnology
Ballroom
Introduction by Winifred Brownell, Univ. of Rhode Island

2:30 p.m. Parallel Workshops I and II (with coffee break)

5:30 p.m. How to Get Started with International Engineering and Work Abroad Programs
Salon B/C
Led by: Gayle Elliott & Chris Cooper, Univ. of Cincinnati
Ilka Balk, University of Kentucky
Sigrid Berka, University of Rhode Island
Kathleen Condray, University of Arkansas
Eckhard Groll, Purdue University
Liliane Palm, Northern Arizona University

Friday, November 4

8:00 a.m. Plenary III: How Do Universities Across the Globe Internationalize to Educate the Global Engineering Workforce?
Ballroom
Jeffrey Cross, Tokyo Institute of Technology
Hiroshi Takamatsu, Kyushu University
Peter Rosenbaum, University Alliance Ruhr New York
Jana Freihöfer, Technische Universität Darmstadt
Moderator: Manfred Philipp, (CUNY)

9:30 a.m. Coffee Break (Sponsored by The Asia Institute)
Saltwater Lounge

10:00 a.m. Three Parallel 60 Min. Break-Out Sessions
12:00 p.m. (Pick 2; One Repeat, Switch at 11:00 a.m.)

I. Engaging Africa, Asia, Australia, the Middle East and Latin America
Marine Suite
Mary Anne Walker, Michigan State University
Javier Paz, Universidad del Norte
Leslie Calman, Engineering World Health
Dena Lang, Andrew Erdman, Meg Handley,
Andras Gordon, Penn State University/Wim Van Petegem
KU Leuven
Moderator: Ilka Balk, University of Kentucky

II. Sourcing and Sustaining Internships in Various World Regions
Salon B/C
Jennifer Evaniuik Baird, Georgia Institute of Technology
Friedemann Weidauer, Brian Schwarz, UCONN
Masanobu Abe, Okayama University
Aaron Sakulich, Worcester Polytechnic Institute (WPI)
Rüdiger Lukk, Furtwangen University & Guida Bendrich, University of New Brunswick
Moderator: Melanie Mala Ghosh, MIT

III. Preparing Students To Go Abroad: Cross-Cultural Training for Engineers
Salon A/D
Led by: Amy Henry & Jennifer Evaniuik Baird, Georgia Institute of Technology

6:00 p.m. Welcome Reception (Saltwater Lounge)

7:00 p.m. Dinner & Keynote by David M. Dooley, President, University of Rhode Island
Ballroom
Introduction by Karen de Bruin, Univ. of Rhode Island