Dear Colloquium Attendees:

This year’s Colloquium topic, “Moving Forward,” indicates a shift in leadership. Our pioneer in International Engineering Education, John Grandin, is now retired. He created the Colloquium 13 years ago with the intent to disseminate strategies and best practices for implementing such an entrepreneurial program like the IEP, which integrates engineering education with languages, study and research with work abroad. I would like to thank John for his leadership and spirit, and I am happy to move our common cause forward.

Discussing this year’s Colloquium theme, the steering committee felt that we should continue with the important agenda of educating the global engineer, but that it was also time to assess what we are doing. The Getting Started workshop has been a staple for years and continues to be extremely helpful for those who need guidance in establishing a new program at their own institution. At the same time, we built in an assessment component of the programs that have been out there for a while. We are also eager to hear what has become of some of our graduates who have been in the job market for several years, hence the Alumni Panel. With respect to strategies for setting up internships, we are moving beyond the basics and featuring Internship PLUS, a panel showcasing ways in which programs have come up with academic modules or contexts around an internship. And while it is gratifying to see so many academically rigorous and involved international engineering programs blossom all over the country, we also have to think increasingly beyond educating the few extremely well prepared students. The Breadth versus Depth plenary serves the purpose of sharing alternatives for the other 80% who might not want to go the extra mile, but would still benefit from an international experience. On the language side, we are having a deeper look into the level of language proficiency engineering students can reach before and during their stay abroad as well as content based approaches – the Raising the Language Bar working session and the Linking Languages to the STEM Disciplines workshop examine these topics.

Thanks to all of you who have come this year from 8 different countries and 27 states. I wish you a wonderful conference and look forward to sharing our expertise, hearing and seeing your presentations and posters and engaging in lively discussions with you.

~Sigrid Berka

URI Organizers
Sigrid Berka, IEP Executive Director
John Grandin, IEP Executive Director Emeritus
Angela Graney, IEP Living/Learning Communities Coordinator
Erin Papa, Chinese Language Flagship Partner Prog. Coordinator

Steering Committee Members
Mufti Akinc, Iowa State University
Sigrid Berka, University of Rhode Island
Gayle Elliott, University of Cincinnati
John Grandin, University of Rhode Island
Eckhard Groll, Purdue University
Dan Hirleman, Purdue University
Phillip McKnight, Georgia Institute of Technology
Mark Rectanus, Iowa State University
Diane Rover, Iowa State University

Endorsed by

Sponsors
Friedrichshafen AG
Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Moving Forward

November 4-7, 2010
Newport, RI
Thursday, November 4
1:00 - 6:00 PM
Registration

Viking Foyer

PRE-CONFERENCE WORKSHOPS
1:00 - 5:00 PM
Meeting Challenges of Global Teams
Salon A
Are we preparing our students?
Presenter: Sue Gray, New Vistas

1:00 - 4:00 PM
Getting Started Workshop
Salon B
How to get started with new international engineering programs
and how to assess the impact of existing ones
Moderator: Norbert Hocketich, University of Rhode Island
Richard F. Vez, Worcester Polytechnic Institute
Yating Chang, Purdue University
Nathan Harcourt, Iowa State University
Erin Scherzick, Massachusetts Institute of Technology
Walter von Reinhart & Sigrid Berka, University of Rhode Island

6:00 - 7:00 PM
Reception and Conference Opening
Salon DE
Sponsored by the URI College of Engineering
Welcome by Sigrid Berka, University of Rhode Island
Greetings by President David Dooley, University of Rhode Island

Keynote Address: United States Senator Jack Reed
"Why our students need to be prepared globally"
Introduction: John Grandin, Director Emeritus, URI International Engineering Program

7:00 - 9:30 PM
Dinner and Keynote Address
Bellevue Room

Friday, November 5
7:30 - 8:30 AM
Plenary I: Breadth vs. Depth
Salon ABC
Trended approaches to international engineering education,
breadth vs. depth, required language preparation and training
Moderator: Donald Del Reyos, Provost, University of Rhode Island
Leslie Gernscheid, Worcester Polytechnic Institute
Jim Hafle Baxin, Virginia Tech
Mark Hoot, Purdue University
Diana Rivera, Iowa State University
Thomas Boving & Sigrid Berka, University of Rhode Island

8:30 - 10:00 AM
Plenary II: Internships PLUS
Salon ABC
How can we create educational modules around an internship?
Moderator: Mark Lapier, Mount Holyoke College
David Dolev, MIT-Academic Program
Carolyn Kelly Coffman, Milwaukee School of Engineering
Laura Montgomery, RWTH Aachen

10:30 AM - 12:15
Working Session A: Internships and Academic Partnerships in Difficult Countries
Salon ABC
Moderator: Dena Beasell-Cahn, University of Rhode Island
Dale Ng, Purdue University
Debbie Cope, Google Institute of Technology
Sajjan Shah, Institute of International Education
Scott Thiel, Villanova University
Carolyn Kelly Coffman, Milwaukee School of Engineering

12:30 - 1:45 PM
Luncheon and Keynote Address
Bellevue Room
Keynote Speaker: David Dooley, President, University of Rhode Island
"Internationalizing URI"
Introduction: Winifred Brownell, Dean, College of Arts & Sciences, University of Rhode Island

2:00 - 3:30 PM
Plenary III: Global Teaming
Salon ABC
Strengthening ties between international students and faculty
research networks
Moderator: MulAli, Iowa State University
Alan Franklin, Brigham Young University
Mohammed Feghali, University of Rhode Island
Jam Helge Baxin, Virginia Tech
April Jadhav, URI International Science & Technology Initiatives
Yi Shan, Purdue University

3:45 - 5:00 PM
Grand Information Fair & Poster Sessions
Salon ABC

Saturday, November 6
7:30 - 8:30 AM
Continental Breakfast
Viking Foyer

8:30 - 10:00 AM
Plenary Session I: Engaging China
Salon ABC
Moderator: Michael Bygma, President, Idaho State University
Laurie Burger, Xi’an Jiaotong Technology, Inc.
David Brown, KOMA
Sean Gilbert, MIT-China Program
Yating Chang, Purdue University

10:30 AM - Noon
Concurrent Working Sessions
Working Session A: Internships and Academic Partnerships in Difficult Countries
Salon ABC
Moderator: Dena Beasell-Cahn, University of Rhode Island
Dale Ng, Purdue University
Debbie Cope, Google Institute of Technology
Sajjan Shah, Institute of International Education
Scott Thiel, Villanova University
Carolyn Kelly Coffman, Milwaukee School of Engineering

Working Session B: US vs. Europe
Salon DE
Comparing two different higher education approaches, duration,
degrees, philosophies
Moderator: Sebastian Fohrbeck, DAAD & IDEAL-Project, Iowa State University
Stephen Schall & Ute Kopias, Technische University Bamberg
Eva Maria Kamper & Michael Hofman, University of Applied Sciences-Potsdam
Clio Ince, The French-German University
Frank Odew, California Polytechnic State University

Working Session C: Raising the Language Bar
Colonnade
Keynote: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation's
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

1:45 - 3:15 PM
Alumni Panel
Salon ABC
Moderator: Casey Callahan, University of Cincinnati
Eric Sargent, US/NA/URI alum
Castia Vidal, General Caixia, University of Cincinnati alum
Abhishek Verma, Gauhati Student, Purdue GEAR-Alien
Emily Knaler, BHR International College, Iowa State alum
Matthew Zimmermann, Farbwerken Inc, URI IEP alum

3:30 - 4:45 PM
Making the Case in 2010
Salon ABC
Moderator: Halena Zimmer Lane, Executive Director, AAMI
Chamran Hamilton, National Science Foundation (NSF)
Marc Vigerst, German Research Foundation (DFG)
Ed McCormick, The Language Flagship, National Security
Education Program (NSPE)
Sebastian Fohrbeck, German Academic Exchange Service (DAAD)

Sunday, November 7
8:30 AM - Noon
POST-CONFERENCE WORKSHOP
Linking Languages to the STEM Disciplines
Toua Room
Moderator: Mercedes Rivas-Huerta, URI
Megan Echevarria, Director, Spanish IEP, URI
Lara Erickson, Director, French IEP, URI
Wen Xiang, Associate Director, Chinese IEP, URI
Sigrid Berka, Director, German IEP, URI

12:30 - 2:30 PM
Lunch and Keynote Address
Bellevue Room
Keynote Speaker: Michael J.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation's
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

Registration
Viking Foyer

Keynote Speaker: United States Senator Jack Reed
"Why our students need to be prepared globally"
Introduction: John Grandin, Director Emeritus, URI International Engineering Program

Poster Sessions
Viking Foyer

Luncheon and Keynote Address
Bellevue Room
Keynote Speaker: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation's
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

Working Session C: Raising the Language Bar
Colonnade
Keynote: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation’s
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

1:45 - 3:15 PM
Alumni Panel
Salon ABC
Moderator: Casey Callahan, University of Cincinnati
Eric Sargent, US/NA/URI alum
Castia Vidal, General Caixia, University of Cincinnati alum
Abhishek Verma, Gauhati Student, Purdue GEAR-Alien
Emily Knaler, BHR International College, Iowa State alum
Matthew Zimmermann, Farbwerken Inc, URI IEP alum

3:30 - 4:45 PM
Making the Case in 2010
Salon ABC
Moderator: Halena Zimmer Lane, Executive Director, AAMI
Chamran Hamilton, National Science Foundation (NSF)
Marc Vigerst, German Research Foundation (DFG)
Ed McCormick, The Language Flagship, National Security
Education Program (NSPE)
Sebastian Fohrbeck, German Academic Exchange Service (DAAD)

Sunday, November 7
8:30 AM - Noon
POST-CONFERENCE WORKSHOP
Linking Languages to the STEM Disciplines
Toua Room
Moderator: Mercedes Rivas-Huerta, URI
Megan Echevarria, Director, Spanish IEP, URI
Lara Erickson, Director, French IEP, URI
Wen Xiang, Associate Director, Chinese IEP, URI
Sigrid Berka, Director, German IEP, URI

Working Session A: Internships and Academic Partnerships in Difficult Countries
Salon ABC
Moderator: Dena Beasell-Cahn, University of Rhode Island
Dale Ng, Purdue University
Debbie Cope, Google Institute of Technology
Sajjan Shah, Institute of International Education
Scott Thiel, Villanova University
Carolyn Kelly Coffman, Milwaukee School of Engineering

Working Session B: US vs. Europe
Salon DE
Comparing two different higher education approaches, duration,
degrees, philosophies
Moderator: Sebastian Fohrbeck, DAAD & IDEAL-Project, Iowa State University
Stephen Schall & Ute Kopias, Technische University Bamberg
Eva Maria Kamper & Michael Hofman, University of Applied Sciences-Potsdam
Clio Ince, The French-German University
Frank Odew, California Polytechnic State University

Working Session C: Raising the Language Bar
Colonnade
Keynote: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation's
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

Registration
Viking Foyer

Keynote Speaker: United States Senator Jack Reed
"Why our students need to be prepared globally"
Introduction: John Grandin, Director Emeritus, URI International Engineering Program

Poster Sessions
Viking Foyer

Luncheon and Keynote Address
Bellevue Room
Keynote Speaker: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation's
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

Working Session C: Raising the Language Bar
Colonnade
Keynote: Michael K.J. Milligan, Exec. Director, ABET, Inc.
"The future of international engineering education and accreditation’s
role in improving quality and promoting innovation."
Introduction: Raymond Wright, Dean, College of Engineering, University of Rhode Island

1:45 - 3:15 PM
Alumni Panel
Salon ABC
Moderator: Casey Callahan, University of Cincinnati
Eric Sargent, US/NA/URI alum
Castia Vidal, General Caixia, University of Cincinnati alum
Abhishek Verma, Gauhati Student, Purdue GEAR-Alien
Emily Knaler, BHR International College, Iowa State alum
Matthew Zimmermann, Farbwerken Inc, URI IEP alum

3:30 - 4:45 PM
Making the Case in 2010
Salon ABC
Moderator: Halena Zimmer Lane, Executive Director, AAMI
Chamran Hamilton, National Science Foundation (NSF)
Marc Vigerst, German Research Foundation (DFG)
Ed McCormick, The Language Flagship, National Security
Education Program (NSPE)
Sebastian Fohrbeck, German Academic Exchange Service (DAAD)