

MONDAY

[M430A-Implementing ENGAGE Strategies to Improve Retention: Focus on Spatial Skills Engineering Schools Discuss Successes and Challenges](#)

Panel · First-Year Programs Division, Women in Engineering Division, and Engineering Design Graphics Division

Mon. June 24, 2013 12:30 PM to 2:00 PM

Georgia World Congress Center, A313

Session Description

ENGAGE - Engaging Students in Engineering, (www.EngageEngineering.org) is a five-year Extension Services project funded by the National Science Foundation's GSE program. The overarching goal of ENGAGE is to increase the capacity of engineering schools to retain undergraduate students by facilitating the implementation of three strategies to improve students' day-to-day classroom and educational experience.

[M471-WIED Business Meeting](#)

Business · Women in Engineering Division

Mon. June 24, 2013 12:30 PM to 2:00 PM

Omni CNN Center Hotel, Omni - International Ballroom B

Session Description

Ticketed event: \$20.00 advanced registration and \$30.00 on site registration

[M671-Panel: Opportunities & Methods to Encourage More Women Toward Research Commercialization](#)

Technical · Women in Engineering Division and Entrepreneurship & Engineering Innovation Division

Mon. June 24, 2013 4:30 PM to 6:00 PM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Recent reports and analyses have identified that women tend to commercialize research and engage with industry/entrepreneurship at a much lower rate than men. This panel and corresponding paper seek to demystify this process such that more women are encouraged to further develop their intellectual capital and pursue commercialization ventures.

[M771-K-12/MIND/WIED Reception](#)

Social · Women in Engineering Division, K-12 & Pre-College Engineering Division, and Minorities in Engineering Division

Mon. June 24, 2013 7:00 PM to 9:00 PM

Omni CNN Center Hotel, Omni - International Ballroom E

Session Description

Ticketed event: \$5.00 advanced registration and \$15.00 on site registration

Joint reception of the K-12, MIND, and WIED divisions. A time for mingling and networking.

TUESDAY

[T171-Issues of Outreach and Interest in Engineering](#)

Technical · Women in Engineering Division

Tue. June 25, 2013 7:00 AM to 8:30 AM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Julie M Little-Wiles and Dr. Maria T. Earle

Gender Differences in Motivation to Perform K12 Outreach Dr. Sara A. Atwood (Elizabethtown College) and Mr. Joshua M Frey (Elizabethtown College)

Student Perceptions and Interest in Engineering: Effects of Gender, Race/Ethnicity, and Grade Level Dr. Susannah Sandrin (Arizona State University) and Dr. Connie M Borrer (Arizona State University West)

Why Some Community College Students Choose Engineering and Some Don't Dr. Mary R. Anderson-Rowland (Arizona State University), Dr. Armando A. Rodriguez (Arizona State University), and Ms. Anita Grierson (Arizona State University)

Equipping an Army of Ambassadors: A Workshop Model for a STEM Career Speaker's Bureau Ms. Meagan C Pollock (Purdue University, West Lafayette)

[T271-Undergraduate Student Issues: Culture](#)

Technical · Women in Engineering Division

Tue. June 25, 2013 8:45 AM to 10:15 AM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Dr. Kristen L. Sanford Bernhardt and Dr. Elizabeth Cady

Pilot Study: An Exploration of the Experiences that Influence Women's Interest, Pursuit, and Continued Involvement in STEM Careers Dr. Rosalyn S. Hobson (Virginia Commonwealth University), Dr. Cindy Jong (University of Kentucky), Dr. Donna Joy Dockery (Affiliation unknown), Dr. Mary Hermann (Virginia Commonwealth University), and Dr. Teresa Jones Carter (Virginia Commonwealth University)

The Influence of Gender Stereotypes on Role Adoption in Student Teams Dr. Lorelle A Meadows (University of Michigan) and Dr. Denise Sekaquaptewa (University of Michigan)

Negotiating Masculine Spaces: Attitudes and Strategies of First-Year Women in Engineering Dr. Marie C Parette (Virginia Tech) and Ms. Courtney S Smith ()

Are There Gender Differences in how Male and Female Interns and Their Mentors Rate Workforce Skills in STEM Fields? Dr. Thomas E. Pinelli (NASA Langley Research Center), Dr. Cathy W. Hall (East Carolina University), Mrs. Kimberly Marie Brush (NASA Langley Research Center), and Ms. Jeannine B. Perry (Continental Research Associates, Inc.)

A Natural Experiment: NAE's Changing the Conversation Report and Students' Changing Perceptions of Engineering Dr. Elizabeth Litzler (University of Washington) and Ms. Julie Ann Lorah (University of Washington)

[T471-Women in Engineering \(WIED\) Division Poster Session](#)

Tue. June 25, 2013 12:30 PM to 2:00 PM

Georgia World Congress Center, Exhibit Hall A1

[T571-Retaining and Developing Women Faculty in STEM](#)

Technical · Women in Engineering Division

Tue. June 25, 2013 2:15 PM to 3:45 PM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Dr. Paige E Smith and Dr. Susan L. Burkett

Engaging Foucault to Better Understand Underrepresentation of Female STEM Faculty Dr. Kacey Beddoes (Purdue University), Mr. Corey T Schimpf (Purdue University, West Lafayette), and Dr. Alice L. Pawley (Purdue University, West Lafayette)

Exploring Women Engineering Faculty's Mentoring Networks Ziyu Long (Purdue University), Prof. Patrice Marie Buzzanell (Purdue University, West Lafayette), Prof. Klod Kokini (Purdue University, West Lafayette), Robyn F Wilson (Purdue University), Jennifer C Batra (Purdue University), and Lindsey B. Anderson (Purdue University)

The importance of the disciplinary society in leadership skill development and advancement Dr. Tamara Bush (Michigan State University) and Dr. Laura J Genik (Michigan State University)

Broadening Participation: A Report on a Series of Workshops Aimed at Building Community and Increasing the Number of Women and Minorities in Engineering Design Dr. Katherine Fu (MIT), Tahira N Reid (Purdue University), Dr. Janis P. Terpenney (Iowa State University), Dr. Deborah L. Thurston (University of Illinois, Urbana-Champaign), Dr. Judy M. Vance (Iowa State University), Prof. Susan Finger (Carnegie Mellon University), Dr. Gloria J. Wiens (University of Florida), Prof. Kazem Kazerounian (University of Connecticut), Prof. Janet Katherine Allen (University of Oklahoma), and Kathy Jacobson (Affiliation unknown)

[T671-Institutional Transformations](#)

Technical · Women in Engineering Division

Tue. June 25, 2013 4:00 PM to 5:30 PM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Dr. Marisa Kikendall Orr and Dr. Ruth E. Davis

Building a More Supportive Climate for Women in STEM: Discoveries Made, Lessons Learned Dr.

Jenna P. Carpenter (Louisiana Tech University) and Dr. D. Patrick O'Neal (Louisiana Tech University)

Engaging Male Faculty in Institutional Transformation Dr. Canan Bilen-Green (North Dakota State

University), Dr. Roger A. Green (North Dakota State University), Dr. Christi McGeorge (North Dakota

State University), Cali L. Anicha (North Dakota State University), and Dr. Ann Burnett (North Dakota

State University)

Promising Organizational Practices for Increasing Faculty Gender Equity: A Case Study Prof. Karen J.

Horton PE (University of Maine), Prof. Amy Fried (University of Maine), and Dr. Mary Madden

(University of Maine)

Strategies to Support (Female) STEM Faculty as Voiced by Female STEM Faculty at a Major Research University Pamela S. Lottero-Perdue Ph.D. (Towson University)

WEDNESDAY

[W271-Undergraduate Student Issues: Persistence](#)

Technical · Women in Engineering Division

Wed. June 26, 2013 8:45 AM to 10:15 AM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Ms. Rachel Louis Kajfez and Dr. Stanley Louis Klemetson P.E.

Job Shadowing: Improving Interest and Persistence for Women in Engineering Dr. Mary Moriarty

(National Science Foundation), Prof. Susannah Howe (Smith College), and Elena Rose Yasinski

(Carnegie Mellon University)

Engineering Student Involvement: Comparison of Two Dissimilar Institutions Dr. Kerry Meyers

(Youngstown State University), Ms. Catherine F Pieronek (University of Notre Dame), and Dr. Leo H

McWilliams (University of Notre Dame)

TENSION OF LEGACY: SELF-AUTHORSHIP OF FEMALE ENGINEERING STUDENTS AND THEIR PROFESSIONAL CHOICE Dr. Jennifer A. Skaggs (The American University in Cairo)

Preliminary Analysis of Factors Influencing Time to Graduation by Gender Dr. Christine Valle (Georgia Institute of Technology), Dr. John D. Leonard II (Georgia Institute of Technology), and Ms. Ann Marie Blasick (Georgia Institute of Technology)

Seeing the Big Picture: The Role that Undergraduate Work Experiences Can Play in the Persistence of Female Engineering Undergraduates Ms. Cate Samuelson (University of Washington) and Dr. Elizabeth Litzler (University of Washington)

[W471·Undergraduate Student Issues II](#)

Technical · Women in Engineering Division

Wed. June 26, 2013 12:30 PM to 2:00 PM

Omni CNN Center Hotel, Omni - Cottonwood A

Session Description

Moderated by Dr. Jeff Kastner and Dr. Mary Cardenas

THE DESIGN OF A LEADERSHIP DEVELOPMENT PROGRAMME FOR WOMEN ENGINEERING STUDENTS AT A SOUTH AFRICAN UNIVERSITY Dr. Ann Sharon Lourens (Nelson Mandela Metropolitan University (NMMU) Port Elizabeth South Africa)

WiSE Women of the UAE Dr. Nadia M Alhasani (The Petroelum Institute)

Understanding the Factors Influencing Student Participation in Supplemental Instruction in Freshman Chemistry Kristen B. Coletti (Northeastern University), Melinda Covert (Northeastern University), Dr. Paul A. DiMilla (Northeastern University), Lauren Gianino (Northeastern University), Rachelle Reisberg (Northeastern University), and Ms. Emily Wisniewski (Northeastern University)

Assessing Gender Differences in First-Year Student Motivation Ms. Robin Fowler (University of Michigan) and Dr. Lorelle A Meadows (University of Michigan)

Establishing a Women's Mentorship Network in a STEM Learning Community Dr. Melissa A Dagley (University of Central Florida), Dr. Nirmala Ramlakhan (Nee-Moh, Inc), Dr. Cynthia Y. Young (University of Central Florida), and Dr. Michael Georgiopoulos (University of Central Florida)

[W571·Panel: Negotiation Basics and Tips from the Trenches](#)

Panel · Women in Engineering Division

Wed. June 26, 2013 2:15 PM to 3:45 PM

Georgia World Congress Center, A307

Session Description

Women often avoid negotiation, resulting in lower salaries, fewer promotions and less influence at work. This session focuses on research-based strategies for improving negotiation skills (becoming aware of the issues, learning about the negotiation process, and practicing negotiation), followed by a panel of women faculty and administrators to share their negotiation successes.

Hope to see you all in Atlanta!

Best Regards,

Beth Holloway

ASEE WIED Program Chair