**Frontiers in Environmental   
Engineering Education**

**October 18-19, 2012**

**St. Louis, Missouri**

Wednesday October 17th Evening: Social – Brewhouse-Hyatt

6-? PM and Hyatt Courtesy Suite

Thursday October 18th

8:00 Registration opens 18th floor Gateway West  
 Breakfast

9:00 Welcome and Introductions Joel Burken

State of our Field: Env Eng Education AEESP and Missouri S&T

9:30 Keynote: Undaunted Courage: Jim Mihelcic,   
Environmental Engineering and the University of South Florida  
Opening of the Next Frontier

10:15 Break

10:45 M/30 and BOK in the BSEnvE Phillip Parker

University of Wisconsin - Platteville

MS 2.0: they already have a BSEnvE Mark Fitch

Missouri University of Science and Technology

11:45 Lunch

1:00 *It’s the Pedagogy, Student!* Kurt Paterson

Michigan Tech

International Education Experience Daniel Gomez Gutierrez

Universidad EAN, Bogota, Colombia

Learning Through Service Optimized Angela Bielefeldt

for Best Student & Community Outcomes University of Colorado Boulder

3:00 Break and Discussions

3:30 Going to the Tree - Highschool outreach Jaehong Kim

Georgia Tech

The Sustainable Citizen Program Craig Just

University of Iowa

Ethics Education of Graduate Students Marc Edwards

Virginia Tech

5:00 Breakout on Deliverables

Sharing ideas

7:00 Dinner



**Friday October 19th**

8:00 Continental Breakfast: Networking

9:00 Econ Env Principles Greg Characklis

Unniversity of North Carolina

Incorporating sustainability/life-cycle Erica McKenzie and Desiree Plata

UC Davis and Duke University

10:00 Break

10:30 Incorporating climate change in Jeff Cunningham

Gen - EnvEng education University of South Florida

Educating dynamics in water distribution Young Seo

University of Toledo

Back to our roots: Public Health Joel Burken and Heather Henry

Missouri S&T and NIEHS

12:00 Discussions: Incorporating new topics Everybody!

12:30 Lunch Working

1:30 Concept Inventory for Introductory Sukalyan Sengupta (Ergas/Cunningham/Goel)

Environmental Engineering Courses University of Massachusetts Dartmouth

Teaching Collaboratory Nancy Kinner (Masten/Parker/Weaver)

University of New Hampshire

Sharing Next Generation Env Eng Edu Claudia Gunsch/Kaitlin Mallouk/JG Burken

Duke/Illinois/Missouri S&T

3:00 Breakout on Deliverables

3:30 Sharing and Recommendations for 2013

5:30 Social and dinner for those staying Morgan Street Brewery

Registration at: <http://aeespfrontiers.mst.edu/>

**Lodging at Hyatt Regency Gateway: Make Hotel Room Reservations Now  
Use Code: “Missouri S&T: AEESP Frontiers” Room Block open through Sept 26th**[**Reserve your Hotel Room Online**](https://resweb.passkey.com/go/AEESPFrontiers) **or  Call: 888-421-1442**The conference is supported through grants from the National Science Foundation and the National Institute of Environmental Health Sciences. Without this support the conference organization would not have been as successful. We are greatly indebted to NSF and NIEHS, particularly Debbie Reinhart and Paul Bishop at NSF and Heather Henry at NIEHS.