**Harris-Stowe State University**

**Minority Science and Engineering Improvement Program (MSEIP) Conference 2017**

Sunday, April 9, 2017

Atrium Hotel & Conference Center

**Agenda**

8:30 am- 9:30 am **Breakfast and Registration**

9:30 am **Welcome and Opening Remarks**

Jay Balakrishna, PhD- PI MSEIP

Harris-Stowe State University

Ann Podleski, PhD- Chair,  Math and Natural Sciences Department

Harris-Stowe State University

Sudarsan Kant, PhD- Dean,  College of Arts and Sciences

Harris-Stowe State University

9:40- 10:00 am **“Growing Food and Green Infrastructure on the FOOD ROOF Farm”**

Mary Ostafi- Founder and Executive Director  Urban Harvest STL

10:00-10:20 am **“Social and Environmental Synthesis toward Urban Sustainability: GIS, Satellite Remote Sensing, and Unmanned Aerial Systems”**

Wasit Wulamu, PhD- Assistant Professor

Center for Sustainability, Saint Louis University

10:20- 10:40 am **“What is Permaculture and Why Should I Care?”** Michelle Salois- Certified Permaculture Designer

St. Louis Permaculture Design

10:40-11:00 am **“Multiple Choice: Various Urban Ecology& Conservation Perspectives Taught at UMSL”**

Sarah Bell- UMSL 3R’s Specialist

University of Missouri- St. Louis

Trevor Dobbs- UMSL 3R’s Specialist

University of Missouri- St. Louis

11:00- 11:20 am **Morning Break**

11:20- 11:40 am **“Little Things Adding Up: The Sunflower Project, Water and Energy Conservation at Home”**

Richard Reilly, LEED AP, BPI BA, BOC- Energy Programs Manager

Missouri Botanical Garden’s EarthWays Center

11:40 am- 12:00 pm **“The Pathway to Lifelong Learning as a Sustainability Native: UMSL Fills in the Gaps with New Degree Programs”**

Theresa Coble, PhD- **Professor**

University of Missouri- St. Louis

Timothy Makubuya, PhD- Assistant Teaching Professor

University of Missouri- St. Louis

Katy Mike Smiastrla- Sustainability Coordinator

University of Missouri- St. Louis

12:00-12:30 pm **Minority Science Engineering Improvement Program (MSEIP) Student Panel**

Moderator: Tawana Williams

Panelists: Donna Hall, Robin Rayford, Kweli Shotwell, and

Iran Williams

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12:30 pm **Student Poster Session**

1:00- 2:00 pm **Lunch and Student Poster Session Continues**

2:00- 2:20 pm **“The Value of Nearby Nature and its Role in Sustainability”**  John Wagner- Director

Bi-State Development Research Institute

2:20- 2:40 pm **“Art, Cultural and Urban Ecology as catalyst for Economic Development in ESTL”**

Jasmin Aber- President

CEL Center for Architecture + Design

2:40- 3:00 pm **"Home Performance -A Better Approach"**

Harold Coleman- Associate/Home Performance Consultant

ICF

3:00-3:00 pm **Minority Science Engineering Improvement Program (MSEIP) Faculty Panel**

Moderator: Jay Balakrishna, PhD

Panelists: Ann Podleski, PhD, Sudarsan Kant, PhD,

Anbreen Bashir, PhD, and Statha Kline-Cherry, PhD

Harris-Stowe State University

3:30- 3:50 pm **Afternoon Break**

3:50- 4:10 pm **“Nature Inspired Design”**

Nick Speed- Volunteer Coordinator

EarthDance Organic Farm School

4:10- 4:30pm **“Everyone Eats: Creating a Food-Based Economic Engine in Disadvantaged Neighborhoods”**

Sylvester Brown- Director

The Sweet Potato Project

4:30 pm **Closing Remarks**

Jay Balakrishna, PhD- PI MSEIP

Harris-Stowe State University

4:45- 6:00pm **HSSU MSEIP 2017 Conference Reception**

Great Rivers Tap and Grill in the Atrium