AAU Undergraduate STEM Education Initiative
Network Conference
October 13-14, 2015

Hosted by the Center for Integrative Research on Cognition, Learning, and Education and the Association of American Universities

Location: The Charles F. Knight Executive Education & Conference Center,
Corner of Throop Drive & Snowy Way Drive

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<td>8:00, 8:15, 8:30 a.m.</td>
<td>Shuttles from Clayton Plaza Hotel</td>
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<td>8:30 – 9:00 a.m.</td>
<td>Registration</td>
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<td>9:00 – 9:30 a.m.</td>
<td>Welcome</td>
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<td>9:30 – 10:15 a.m.</td>
<td>Pedagogy</td>
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<td>10:15 – 10:30 a.m.</td>
<td>Break &amp; Transition to Roundtables</td>
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<td>10:30 – 11:30 a.m.</td>
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<td>11:30 a.m. – 1:00 p.m.</td>
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TUESDAY, October 13

1:00 – 1:45 p.m.  Scaffolding
Room 200

Learning Spaces
Jeanne Narum, Principal, Learning Spaces Collaboratory

The Role of Teaching and Learning Centers
Jennifer Frederick, Executive Director, Center for Teaching and Learning, Yale University

1:45 – 2:00 p.m.  Break & Transition to Roundtables

2:00 – 3:00 p.m.  Roundtables
Room 200, 211, 220, 222, 240, 245, 255, & Boardroom

- Provide faculty professional development
- Easily accessible resources
- Collect and share data on program performance
- Align future facilities planning

3:00 – 3:15 p.m.  Break & Transition

3:15 – 4:00 p.m.  Cultural Change
Room 200

Excellence in Research and Teaching: Career Pathway Models
Diane O’Dowd, HHMI Professor; Vice Provost, Academic Personnel, University of California, Irvine

Endowed Chairs in STEM Education
Gina Frey, Florence E. Moog Professor of STEM Education, Co-Director, CIRCLE and Executive Director, The Teaching Center, Washington University

4:00 – 4:15 p.m.  Break & Transition to Roundtables

4:15 – 5:15 p.m.  Roundtables
Room 200, 211, 220, 222, 240, 245, 255, & Boardroom

- Leadership commitment
- Establish strong measures of teaching excellence
- Align incentives with the expectation of teaching excellence

5:15 – 5:30 p.m.  Break and Set-up for Poster Session
Main Dining Room, 3rd floor

5:30 – 7:30 p.m.  Networking Reception & Poster Session
Main Dining Room, 3rd floor

To allow everyone to have the opportunity to speak with poster authors, we ask that individuals with odd numbered posters staff them from 5:30 – 6:15 p.m. People presenting even numbered posters, please staff them from 6:15 – 7:00 p.m. From 7:00 – 7:30 p.m., all posters are available for display.

7:15, 7:30, 7:45 p.m.  Shuttles returning to Clayton Plaza Hotel
WEDNESDAY, October 13

7:30, 7:45, 8:00 a.m.  
_Shuttles from Clayton Plaza Hotel_

8:00 – 8:30 a.m.  
Breakfast  
Outside Room 200

8:30 – 8:45 a.m.  
Opening Remarks  
Emily Miller, Director, AAU Undergraduate STEM Education Initiative  
Josh Trapani, Associate Vice President for Research and Policy Analysis, Association of American Universities

8:45 – 10:00 a.m.  
Workshop Time: Measuring Progress  
Room 200, 220, 340

- Participants are asked to come prepared to discuss information, data sources, and analytical tools that are currently being used on their campus to inform decision making and measure progress toward systemic change in undergraduate STEM  
  - Indicators of sustained change at the university  
  - Department performance indicators  
  - Effective teaching evaluation approaches

10:00 – 10:15 a.m.  
Break and Transition

10:15 – 11:30 a.m.  
Thinking Bigger – The Science Education Initiative: Results from a Large Scale Experiment in Transforming Teaching throughout Multiple Science Departments  
Dr. Carl Wieman, Professor of Physics and of the Graduate School of Education at Stanford University

11:30 – 12:00 p.m.  
Future Directions of AAU Undergraduate STEM Education Initiative  
Emily Miller, Director, AAU Undergraduate STEM Education Initiative  
Tobin Smith, Vice President for Policy, Association of American Universities

12:00 – 1:00 p.m.  
Closing Lunch  
Main Dining Room, 3rd floor