



ITEST Convening: Advancing Research on Youth Motivation in STEM
September 9th – 11th, 2011, Boston, MA
Detailed Agenda

Friday, September 9th

9 am – 3 pm Youth Pre-Convening Activities

5:00 pm **CONVENING BEGINS**

Welcome & Introductions

Remarks by EDC & NSF

5:30 pm **Learning Science Panel**

How People Learn – Implications for Motivation Research

Moderator:

Mike Barnett, Boston College

Panelists:

Ellen Winner, Boston College

David Hammer, Tufts University

Chandra Orrill, University of Massachusetts-Dartmouth

6:30 pm **Working Reception & Discussions**

9:00 pm **Discussion Highlights & Reception Ends**

Facilitator: Tony Streit, Education Development Center Inc.

Saturday, September 10th

7:30 am **Breakfast & Registration Check-In**

8:30 am **Welcome & Overview of Day** - Working Group Process & Self-selection into Groups

9:00 am **Motivation Research Panel**

Existing Frameworks and Theories of Action

Moderator:

Cary Sneider, Portland State University

Panelists:

David Bergin, University of Missouri

K. Ann Renninger, Swarthmore University

Jessica DeCuir-Gunby, North Carolina State University



- 10:00 am BREAK
- 10:15 am **White Paper Presentation - *What Role does Community, Family, or Cultural Context Play in the Motivation to Learn?***
- Moderator
Sarita Pillai, Education Development Center, Inc.
- Presenters:
Robert Coulter, Missouri Botanical Garden, "*Building Engagement With Technology-Enhanced Local Learning*"
- Edna Tan, University of North Carolina, "*Becoming Community Science Experts in Green Energy Technologies*"
- Discussants:
Jessica Summers, University of Arizona
Maryann Stimmer, Educational Equity Center @ FHI360
- 11:30 am **Working Group Discussions** (Group 1 – Emerging Research Areas, Group 2 – Research Methodologies, Group 3 – Evaluation Practices, Group 4 – Research to Practice)
- 12:30 pm **Lunch**
- 1:00 pm **Youth Presentation – Reflections on Program Experiences**
- 1:45 pm BREAK
- 2:00 pm **Research & Evaluation Panel**
Methodologies & Measurement – Successes, Challenges & Strategies
- Moderator:
Joyce Malyn-Smith, Education Development Center, Inc.
- Panelists:
Beverly Parsons, InSites
AnneMarie Conley, University of California-Irvine
Caroline Parker, Education Development Center, Inc.
- 3:00 pm **Working Group Discussions** (Group 1 – Emerging Research Areas, Group 2 – Research Methodologies, Group 3 – Evaluation Practices, Group 4 – Research to Practice)
- 4:00 pm **Working Groups Report Out – Highlights & Key Points**
- 5:00 pm **Bus Departs for visit to MIT (Chandra X-Ray Observatory & Youth Exhibits)**



Sunday, September 11th

7:30 am **Breakfast**

8:00 am **Welcome & Overview of Day**

8:30 am **White Paper Presentation - *What Specific Programmatic Aspects Have the Greatest Impact on Youth Involvement in STEM beyond ITEST?***

Moderator:
Catherine Wong, Boston College

Presenters:
Jason Chen, Harvard University, "*Youth STEM Motivation: Immersive Technologies to Engage and Empower Underrepresented Students*"

Kimberly Scott, Arizona State University, "*Motivation and Culturally Responsive Technology for COMPUGIRLS*"

Preeti Gupta, New York Hall of Science, "*Motivating Youth through Authentic, Meaningful and Purposeful Activities: An Examination through the Lens of Transformative Activist Stance*"

Discussants:
Tirupalavanam G. Ganesh, Arizona State University
Jeff Buehler, Missouri Afterschool Network

10:00 am BREAK

10:15 am **Youth Presentation - Beyond ITEST**

11:00 am **Working Group Discussions** (Group 1 – Emerging Research Areas, Group 2 – Research Methodologies, Group 3 – Evaluation Practices, Group 4 – Research to Practice)

12:00 pm **Lunch**

1:00 pm **Working Groups Final Recommendations - Framework Development & Collaborative Opportunities**

Moderators:
Sarita Pillai & Tony Streit, Education Development Center Inc.

2:00 pm Concluding Remarks

2:30 pm **CONVENING ENDS**

