

STELAR ITEST PI & Evaluator Summit

*Building the Foundational Skills of the Future Science
and Engineering Workforce*

Thursday, June 15, 2017



This material is based upon work supported by the National Science Foundation under Grant No. DRL 1614697. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

Icebreakers

- Where did your grandparents come from?
- What is your favorite STEM-learning experience from your youth?
- What is one interesting fact about you that others might not expect?
- What is your newest hobby?
- If you could meet one famous living personality, who would it be?
- If you could visit only one place in the world, where would you choose and why?



Opening Remarks

Sarita Pillai, Principal Investigator, STELAR

David Haury, Program Director, Division of Research on Learning, NSF

William (Jim) Lewis, Deputy Assistant Director, Education and Human Resources Directorate, NSF

Building the Foundational Skills of the Future Science and Engineering Workforce



Program Committee

Chadia Affane Aji, Tuskegee University

Nena Bloom, Northern Arizona University

Brendan Calandra, Georgia State University

Jamie Clayton, Morehouse College

Laura Conner, University of Alaska Fairbanks

Kathryn Guimond, Science Museum of Minnesota

Ardice Hartry, University of California, Berkeley

Samuel Janis, New York Harbor Foundation

M. Javed Khan, Tuskegee University



Meeting Goals

- To share the latest ITEST program findings about innovative STEM education programming and research contributing to a more prepared and diverse workforce;
- To identify areas for PIs and evaluators to collaborate for greater impact in defining the foundational skills necessary for workforce education;
- To identify best-practices for preparing youth to participate fully in the workforce of the future

Thursday Agenda

8:30am	Welcome and Networking	Ballroom ABC
9:00am	Opening Remarks	Ballroom ABC
9:30am	Keynote	Ballroom ABC
10:45am	Plenary: Flash Talks	Ballroom ABC
11:45am	Lunch & Legislative Visit Report Out	Ballroom ABC
1:45pm	Thematic Meetups 1	Breakout rooms
3:15pm	Strand Sessions 1	Breakout rooms
5:30pm	ITEST Project Expo & Reception	Prefunction & Ballroom ABC
	Dinner on your own	

Friday Agenda

8:30am	Welcome and Agenda Review	Ballroom ABC
8:45am	Keynote Panel	Ballroom ABC
10:00am	Strand Sessions 2	Breakout rooms
11:45am	Lunch	Breakout rooms
12:45pm	Thematic Meetups 2	Breakout rooms
2:15pm	Plenary: Strand Review	Ballroom ABC
2:45pm	NSF Town Hall and Closing Remarks	Ballroom ABC
3:30pm	Goodbye!	

Tweet!

#ITEST2017

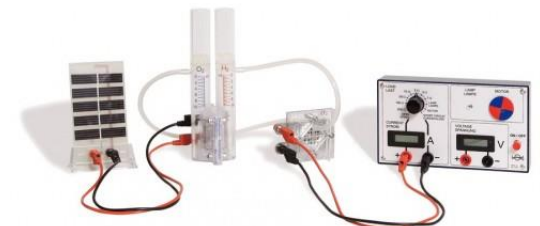
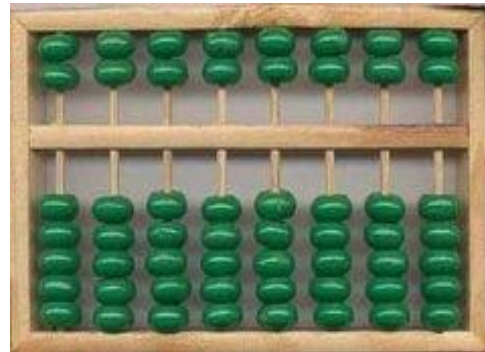
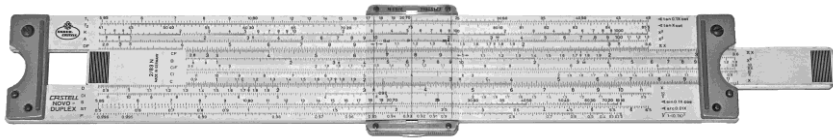
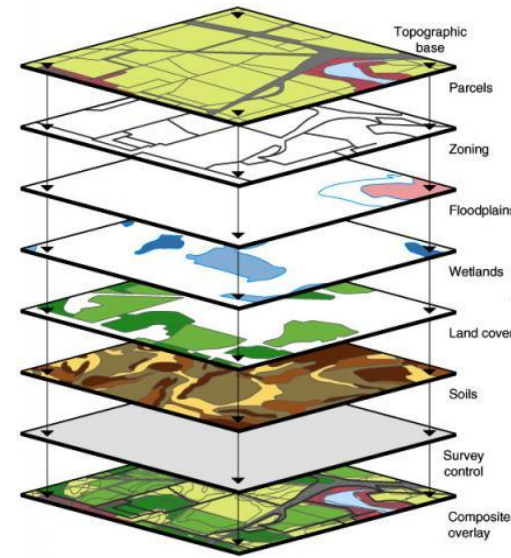
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Keynote Address

The Frontier for the Future Workforce

Reginald Brothers
Principal, The Chertoff Group



Flash Talks

A peek into how ITEST is preparing today's youth for tomorrow's workforce

Jeremy Babendure; Cheryl Bauer-Armstrong & Michelle Cloud;
Jonathan Costa; Nicholas Garafolo

Fred Martin, Lijun Ni, & Diane Schilder; Karl Reid;
Selma Šabanović; Takumi Sato



Flash Talk: Table Discussions

- What is something new you learned?
- What do you want to learn more about?
- What connections do you see in your own work?

Legislative Visit Report Out

Presentations followed by Q&A – begins at 12:30pm

Mike Barnett (MA)
Kirk Knestis (NY)
Kristie Koenig (NY)
Keisha Varma (MN)



Afternoon Sessions: Thematic Meetups

Sustainability and scaling up	Ballroom A
Strategies for teacher and student recruitment and retention	Ballroom B
Effective partnerships - the good, the bad, and the ugly	Ballroom C
Mentoring for impact and success	Salon 1
Smart and connected communities: the ITEST context	Salon 2
Press and media strategies for disseminating project outcomes	Salon 3



Afternoon Sessions: Strands

Strand 1. Sharing effective approaches and instrumentation for ITEST research and evaluation	Salons 1-2
Strand 2. Fostering innovation through inclusion and diversity in STEM education and the workforce	Ballroom C
Strand 3. Work at the frontier: Preparing students for the future STEM workplace	Ballroom A
Strand 4. Big data: ITEST's role in developing career pathways and data literacy	Ballroom B



ITEST Project Expo

Featuring 30 ITEST projects - See program book for details

Light refreshments will be served



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