STRATEGIES FOR INCREASING DIVERSITY IN STEM LEARNING ENVIRONMENTS

HOSTED BY: STEM LEARNING & RESEARCH CENTER (STELAR) EDUCATION DEVELOPMENT CENTER, INC.
Agenda

- STELAR Overview

- Presenters:
  - Sally Stevens, iSTEM
  - Michael Evans, Studio STEM
  - Anika Ward & Joseph Adamji, Bits-2-Bites

- Questions and Answers
STELAR Overview

- ITEST Learning Resource Center (2003-2012)
- STELAR Partners:
  - EDC, Inc.
  - EdLab Group
  - Goodman Research Group, Inc.
NSF’s Innovative Technology Experiences for Students and Teachers (ITEST) Program

- To build understandings of best practices, factors, contexts and processes contributing to K-12 students' motivation and participation in STEM

- Helps students to be aware of STEM careers, and to pursue formal school-based and informal out-of-school educational experiences to prepare for such careers

- Includes 288 current and past projects across 44 states have served 247,700 students, 9600 educators, 3000 parents and caregivers
STEM Learning and Research Center (STELAR) Goals

- Facilitate projects’ success through **technical support** with a focus on synthesis of findings

- Inform and influence the field of STEM stakeholders by **disseminating** project findings nationally

- Deepen the impact and reach of the ITEST program by **broadening participation** in the ITEST portfolio
STELAR: Core Areas of Work

- **Technical Support** – Pre-proposal assistance, website, webinars, F2F meetings, working groups
- **Dissemination** – partnerships, dissemination network designed to share program findings
- **Outreach** – targeted outreach to institutions underrepresented in the ITEST portfolio (e.g., MSIs and community colleges)

[http://stelar.edc.org](http://stelar.edc.org)
STELAR Website – http://stelar.edc.org
STELAR Website – What you can find

Upcoming Opportunities

People Connector Directory for ITEST Proposals
Due by Thursday, November 6, 2014 | READ MORE »

Discovery Research K-12 (DRK-12) Solicitation
Due by Thursday, October 16, 2014 | READ MORE »

Innovations: Call for Presenters
Due by Friday, September 26, 2014 | READ MORE »

Siemens Competition in Math, Science & Technology
Due by Tuesday, September 30, 2014 | READ MORE »

Google Rise Awards
Due by Tuesday, September 30, 2014 | READ MORE »

STELAR Newsletter

News from ITEST, current events, and more.

Current Newsletter »

STELAR Newsletter Archives »

Blog

August 20, 2014
NetSci High: Network Science for the Next Generation
This summer, twenty four students had an opportunity to meet Dr. Alex “Sandy” Pentland from MIT's
READ FULL POST »

July 11, 2014
Project Spotlight: Fueling the Ocean STEM Workforce Pipeline
STELAR recently had the opportunity to interview Jill Zande from the MATE ROV Competitions:
READ FULL POST »

Recent News

Bridging the Gap at the Central Park Zoo
March 12, 2014 | READ MORE »

Scientific American Article featuring ITEST Research Study
July 22, 2014 | READ MORE »

Upcoming Events

STELAR Webinar: Using Social Media to Disseminate Your Project Work
READ MORE »

VIEW ALL BLOGS »
Working with Diverse Populations

Oct | 2014

Working with Diverse Populations

This month, we highlight resources that offer guidance in recruiting and retaining diverse participants in STEM programming.


Stay Connected

Research Evaluation Working Group Virtual Conversation
Wednesday, December 3
2:00pm-EST – 3:00pm-EST
http://stelar.edc.org/events/computational-thinking-technological-fluency-computational-literacy-and-21st-century-skills

STELAR Contact Information
stelar@edc.org
https://www.facebook.com/stelarctr
https://twitter.com/STELAR_CTR