# 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)
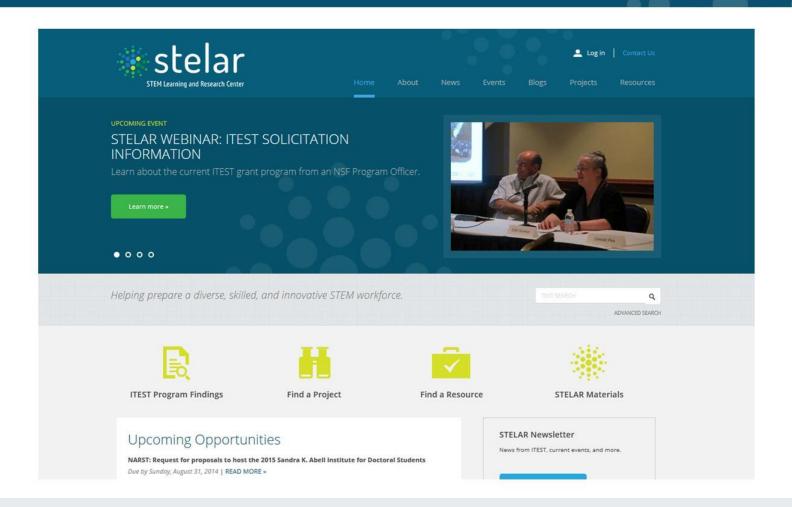
## http://stelar.edc.org

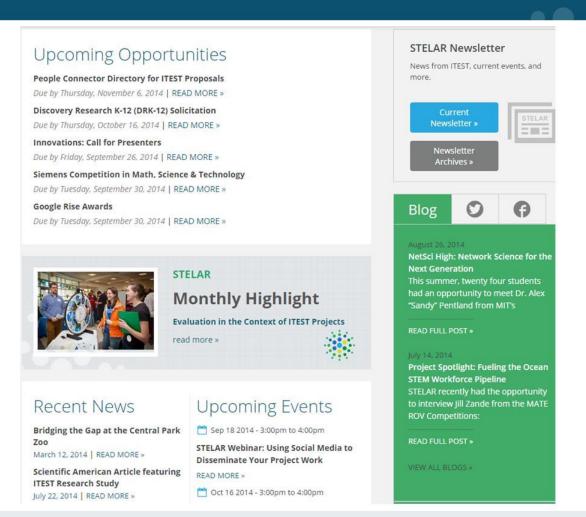# STELAR Website – http://stelar.edc.org
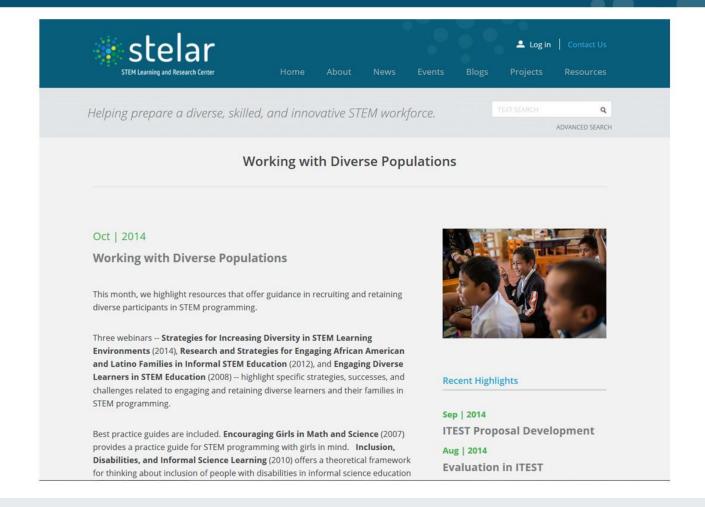
# STELAR Website – What you can find

# STELAR Website – Resources

# Questions?

# 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