A Focus on Collaboration and Sharing Technical Assistance

Marilyn Barger, PI and Director of FLATE
Ann Beheler, PI of National Convergence Technology Center
Elaine Craft, PI of SCATE Center
Elaine Johnson, PI of Bio-Link National Center
Mike Lesiecki, MATEC Center
ATE PI Conference, 2015
Background

- National Science Foundation Advanced Technological Education Program
  - Mandated by Congress
  - 21 years old
  - Focuses on supporting technician education
  - Primarily grants to Community and Technical Colleges
  - Projects and Centers
  - All grants have a dissemination component
  - Authentic focus on sharing, especially within the Centers
  - Current funding level approximately $65 million annually
DOL TAACCCT

- 4 Rounds of funding, totaling just under $2 billion
- Focus on Community Colleges
  - Capacity Building
  - Production of graduates that are workforce-ready
- Various priorities including
  - alignment with business and industry need for worker skills
  - technology-enabled education
  - bridge programs to enable underprepared students to succeed
Recognition

- The 21 years of NSF experience would likely be beneficial to helping TAACCCT grantees succeed in reaching their goals
Centers Collaborative for Technical Assistance is led by:

- **National Center for Convergence Technology (CTC)** based at Collin College in Frisco, TX (lead)
- **South Carolina ATE National Resource Center (SCATE)** based at Florence Darlington Technical College in Florence, SC
- **Florida ATE Center (FLATE)** based at Hillsborough Community College in Tampa, FL
- **Bio-Link Next Generation National ATE Center for Biotechnology and Life Sciences (Bio-Link)** based at City College of San Francisco in San Francisco, CA
- **Networks Resource Center** based at the Maricopa Community College District in Phoenix, AZ
Purpose

- Respond to a request from the Department of Labor (DOL) to the NSF to have ATE Centers provide technical assistance services to DOL TAACCCT grantees
  - Success coaching on program issues including project management issues pertaining to leading consortia
  - In-person convenings for the TAACCCT grantees to discuss specific issues
  - Knowledge management through the identification and sharing of best practices
  - Peer-to-peer learning.
Delivery Vehicles

- **Topical Webinars and Teleconferences**
  - Covering existing knowledge, processes, and connections, as well as new solutions to address specific needs
  - Live/recorded with attendee Q&A
  - Archived on www.atecenters.org/ccta
  - Sessions presented by various NSF Centers and other leaders both NSF and TAACCCT

- Invitations to general and discipline-specific conferences
- Annual HI-TEC NSF conference (discussed later)
- Annual TAACCCT-specific convening following HI-TEC
- Best Practices of all kinds posted on ATE Central
Who Can Benefit from CCTA?

- DOL TAACCCT grantees
- NSF ATE grantees
- Community and technical college educators in general
Where does CCTA fit?

**CCTA** provides technical assistance to DOL TAACCCT grantees along with other technical assistance providers: Jobs for the Future, Creative Commons, CAST, and CalState/Merlot. This group is called the TAACCCT Learning Network, led by Jobs for the Future.
What Has Been Provided So Far?

January 20, 2015 - The BILT Model: Meaningful Employer Engagement to Secure Jobs for Graduates

March 26, 2015 – Effective Approaches for Aligning Curriculum with Business Demand

April 16, 2015 – Locating Free Curriculum and Professional Development Resources

May 12, 2015 – Planning for Sustainability

June 18, 2015 — Successful Approaches for Ensuring Effective Business Engagement in Programs

August 20, 2015 — Effective Outreach and Recruitment: Special Populations

September 24, 2015 — Web Telecommunications-Design for Effectiveness (Part One)

October 15, 2015 – Effective Web Telecommunications (Part Two)
2015 — TAACCCT Technical Convening

- Business Engagement
- Tracking participants from outreach and recruitment to participation in college programs to employment to employment data reporting
- Universal design and open source requirements for curriculum
- Sustainability
- Locating already-existing resources
- Ask Me tables
This webinar will focus on the expansion of the Bridge to Bioscience Learning Community, a series of contextualized math, language, and hands-on skills courses that prepare students for success in biotechnology and related programs. Begun at City College of San Francisco, the national adoption and adaptation of the basic courses and the evolution of internships and networking events have resulted in increased retention, success, diversity, and degree completion.

Presenter:

**Elaine Johnson**, PI and Executive Director of Bio-Link, a National Science Foundation Advanced Technological Education National Center for Biotechnology and Life Sciences based at City College of San Francisco
Coming Up:

Numerous other webinars in 2016 including topics such as:

- Effective Practices for organizing and leading a consortium of colleges
- Effective practices for various types of internships
- Evaluation practices
- Sustainability

....and more
Join us in Pittsburg!

July 25-28, 2016 – Convening on 29th

www.highimpact-tec.org
Questions for the panel

- How is CCTA facilitating knowledge transfer from those with more experience to those who are newer to implementing grant-funded work and why is this important?
Questions for the panel

- How does CCTA promote synergy between DOL TAACCCT grants and NSF ATE grants?
Questions for the panel

- Why are the networks of CCTA’s lead ATE Centers important to this effort?
Questions for the panel

- How can others get involved in the work?
Questions for the panel

What resources does CCTA provide with respect to improving employer relationships and engagement? Why does this matter?
Questions for the panel

What resources does CCTA provide regarding innovations in curriculum and lab development and delivery? Why do they matter?
Questions for the panel

What does CCTA provide with respect to effective support services have you implemented, and what are the results?
Q&A

- Dr. Marilyn Barger  mbarger@hccfl.edu
- Dr. Ann Beheler  abeheler@collin.edu
- Dr. Elaine Craft  elaine.craft@fdtc.edu
- Dr. Elaine Johnson  ejohnson@biolink.ucsf.edu
- Dr. Mike Lesiecki  mlesiecki@gmail.com