Webinar Details

• For this webinar you will be in listen only mode using your computer or phone
• Please ask questions via the question window
• This webinar is being recorded – you will be sent a recording link

Brought To You By:

**CCTA | CENTERS COLLABORATIVE FOR TECHNICAL ASSISTANCE**

With Additional Support by the ATE Collaborative Impact Project

ATECENTERS

Disclaimer: This material is based upon work supported by the National Science Foundation under Grants # 1205077 and # 1261893. 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.
The CCTA is led by

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

• Activities relevant for DOL grants, NSF grants and workforce-oriented programs of all kinds

• Deliverables
  – Topical webinars on existing and new solutions
    • Live/recorded with attendee Q&A
  – Identify and document best practices
  – Host convenings
Poll #1: Your Affiliation

A. I am involved with an NSF grant
B. I am involved with a TAACCCT grant
C. Both
D. Neither
Poll: How many people are listening with you?

A. None
B. 1
C. 2
D. 3 or more
TODAY’S PRESENTERS

Elaine Craft
Presenter
Director;
SC ATE Center of Excellence

Elizabeth Teles
Presenter
NSF Program Director;
Division of Undergraduate Education, ATE and S-STEM

Mel Cossette
Presenter
Executive Director/PI;
MatEdU
AGENDA

Part I
Unique Characteristics of NSF Grant Funding

Part II
15 Helpful Tips for Moving Up to larger NSF-ATE Project Grants

Part III
Resources Specific to Preparing a Competitive NSF ATE Grant Proposal
Why Pursue NSF Grant Funding?

• Education focus (DUE)
  – ATE
    • 2-year colleges
    • Technician education
    • Industry & education partners
  – S-STEM, IUSE, etc.
Why Pursue NSF Grant Funding?

• Proposal structure and review promotes success
  – Gold Standard proposal review process
  – Intellectual Merit
  – Broader Impacts
• Multi-year Solicitations
• Peer-to-Peer help for potential Grantees
No Cost Sharing

• NSF – “Voluntary cost-sharing is expressly prohibited.”
• NSF – Expects previous work to be...
  – Researched
  – Used to inform future work
  – Adapted or Implemented
  – Leveraged through partnerships with other grantees
Happy and Connected Grantees

• Happy Grantees
  – Communication with Program Officers
  – Latitude with budget and decision-making
  – Partners for success and discovery
  – Program longevity
  – Annual reporting

• Connected Grantees
  – Supportive fellow grantees
  – Resources and knowledge freely shared
Part II: 15 Helpful Tips for Moving Up to Larger NSF-ATE Project Grants
Tips 1-3

1. Results of prior support matter
2. Read the most current program solicitation carefully
3. Pay attention to latest version of the Proposal and Award Policies & Procedures Guide (PAPPG) — NSF #17-1

www.NSF.gov (search 17-1 or PAPPG)
Tips 4-6

4. Follow the instructions for supplementary documents
5. Share 1-pg. summary with Program Officer
6. Ask advice from PIs with multiple awards
Tips 7-9

7. Match budget request to project's scope
8. Show local employer need
9. Build cohesive project team
10. Build effective partnerships
11. Focus on institution and partner values and capabilities
12. Utilize consultants & advisors for additional expertise
Tips 13-15

13. Use Mentor-Connect resources
14. Work with an evaluator
15. Prepare to receive funding
Questions?
Part III: Resources specific to preparing a competitive NSF ATE grant proposal
Mentor-Connect Resources*

• Technical Assistance webinars and tutorials
• FAQs
• Searchable library of resources for grant writing
  – Selected NSF publications/excerpts
  – Sample proposals
  – Checklists & guidelines
• Help desk

*NSF DUE# 1501183
Sample Resources

Technical Assistance Webinars & Tutorials

- Budget and Budget Justification
- Forms
- Evaluation for Small Projects
- NSF Advice on Financial Management of NSF ATE Grants

- www.Mentor-Connect.org
Sample Resources

• FAQs
• Help desk
• Searchable library of resources for grant writing
• Tutorials: Budgets, Forms, etc. - print and/or download
• Glossary of Acronyms
Samples from Mentor-Connect Library

- NSF Publication Sample: *Prospective New Awardee Guide*
- Proposal Sample (new-to-ATE): *Gaston College and Monroe Community College*
- Checklist/Guideline Sample: *Discussion Guide and Monitor Matrix*
Samples from Mentor-Connect Library
Samples from Mentor-Connect Library

• NSF Publication Sample: *Prospective New Awardee Guide*

• Proposal Sample (new-to-ATE): Gaston College and Monroe Community College

• Checklist/Guideline Sample: *Proposal Discussion Guide and Monitor Matrix*
## Proposal Discussion Guide and Monitor Matrix

**Mentor-Connect Contact Sheet for Colleges New To ATE 
Cohort RS - 2017**

<table>
<thead>
<tr>
<th>Discussion Leader/Proposal component</th>
<th>Strengths/Weaknesses</th>
<th>Name(s)</th>
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<tbody>
<tr>
<td>Date:</td>
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<tr>
<td><strong>Summary [1 pg.] with Intellectual Merit and Broader Impacts statements</strong></td>
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<td>Results of Prior Support</td>
<td>N/A — First-time prospective grantees will not have enough for this section, and it is not expected.</td>
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<td><strong>Goals &amp; Objectives</strong></td>
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<td><strong>Datawarehouse (If applicable)</strong></td>
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<th>Strengths:</th>
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<td><strong>Activities &amp; Timetable</strong></td>
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<td><strong>Management Plan</strong></td>
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<td><strong>Roles and responsibilities of the PI, co-PI(s) and other Senior Personnel</strong></td>
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<td><strong>Plan for Sustainability, Evaluation Plan, and Dissemination Plan</strong></td>
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<td>Date:</td>
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<td><strong>Budget and Budget Justification</strong></td>
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<td>Date:</td>
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<td>Name(s)</td>
<td>Weaknesses:</td>
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<td><strong>Other Documents (References, commitment letters, etc.)</strong></td>
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<td>Date:</td>
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<td>Name(s)</td>
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Sample Roadmap

• Guideline to project development
• NSF ATE Proposal Component Tracking Grid
• Proposal Management Tool
## Sample Roadmap

### NSF ATE Proposal Component Tracking Grid

<table>
<thead>
<tr>
<th>Component</th>
<th>Name</th>
<th>Comment</th>
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<td>Project Data Form</td>
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New NSF ATE Solicitation Coming mid-2017

NSF encourages your participation.

Come on in!
Questions?
Join Us

March 16th at 3 pm Eastern for a Follow-up Q&A conference call for this webinar. Please register at:
www.atecenters.org/upcoming-webinars/

Submit questions in advance to Christina Titus at ctitus@collin.edu
Join Us – All Webinars 3 pm Eastern

Up next in our four part series to support creating proposals for NSF ATE programs that are due in early October 2017.

March 23rd – Developing Stakeholder Partnerships Internally and Externally for Successful Grants

April 20th – Final Tips for a Competitive Proposal

This series also offers a follow-up call one week after each webinar. This gives attendees the opportunity to ask further questions.

March 30th – Follow-up Q&A Call for Mar 23rd Webinar
April 27th – Follow-up Q&A Call for Apr 20th Webinar

For Other Upcoming Webinars See:  http://www.atecenters.org/ccta
Join us in Salt Lake City, UT!

July 17-20, 2017

www.highimpact-tec.org
DOL and NSF Workforce Convening

Free DOL and NSF Workforce Convening at HI-TEC on Friday, July 20, 2017, from 8:30 am to 12:30 pm. This convening will focus on writing competitive NSF ATE project grants. Specifically, this session will feature extensive Q&A opportunities to help you refine the ideas you have and preliminary proposal work you have started. To get the full benefit from this session it is highly recommended you participate in (register here) or view recorded webinars (view here) for:

Grants and Innovation – A Great Match
Grant Proposal Resources, Roadmaps, and Timelines
Developing Stakeholder Partnerships Internally and Externally for Successful Grants
Tips for a Competitive Proposal

All DOL TAACCCT grantees, NSF grantees, other in workforce education, and HI-TEC conference attendees are invited to register for this free technical assistance convening.
WEBINAR SURVEY
- AS YOU EXIT THE WEBINAR THE SURVEY WILL OPEN IN A NEW BROWSER WINDOW

Please take a moment to help us become better...
Contacts

• Elaine Craft – elaine.craft@fdtc.edu
• Elizabeth Teles - ejteles@nsf.gov
• Mel Cossette - mel.cossette@edcc.edu

http://www.atecenters.org/ccta