Grant Proposal Resources, Road Maps and Timelines

March 8, 2018
Webinar will begin at 3pm ET
**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
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
Poll #3: Viewing History

A. I was here last year for the *Grant Proposal Resources, Roadmaps and Timelines* webinar, and/or I viewed the recorded webinar before attending today’s webinar.

B. I have attended other CCTA webinars, but not this one.

C. I have not attended or watched the recorded webinar on today’s topic.
Today's Presenters

Elaine Craft
Presenter
Co-PI, CCTA
PI, Mentor-Connect: Leadership Development and Outreach for ATE
PI, SCATE National Resource Center
Florence-Darlington Technical College,
Florence, SC

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

Part I
Unique Characteristics of NSF Grant Funding

Part II
2017 Changes in the NSF ATE Program Solicitation

Part III
15 Helpful Tips for Developing ATE Project Proposals

Part IV
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 as appropriate
  – Leveraged through partnerships with other grantees on new proposals
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: Changes in the 2017 NSF ATE Program Solicitation applicable to–
New and Returning Funding Opportunities
ATE Program

Three Program Tracks

ATE Centers

Targeted Research in Technician Education

From $150k, up to 2 yrs
to $800k, up to 3 yrs

Two Types

Center
Up to $5M
5 yrs

Resource Centers
Up to $600k
3 yrs

ATE Projects
Up to $600k, up to 3 yrs
except
Small/New to ATE:
Up to $225k
New
A& I ($300-400K)
Instrumentation ($400-500K)

Deadlines (All Tracks):
4 October 2018
New: Adapt & Implement

Encourages Pace of Innovation Diffusion
3 yr./$300-400K

• Evidence that materials and/or practices worked elsewhere

• Realistic Plan for adaptation & use

• Explanation of why materials/practices are anticipated to work in your institution

• Can address improvement in individual course or laboratory or entire curricula or program
New: Instrumentation with Curricular Modifications to Support the Instrumentation, 3 yr. $400-500K

- Existing program & industry identify new need
- Describe type of curricular changes & how changes will meet need
- Include industry & faculty collaboration on curriculum
- Include faculty time to
  - Learn new technology
  - Work with industry on curriculum changes
  - Test & modify materials based on feedback
Returning Project Opportunities
3 yr./$600K

• Program Development & Improvement
• Curriculum & Educational Materials Development
• Professional Development for Educators
• Leadership Capacity Building for Faculty
• Teacher Preparation
• Business & Entrepreneurial Skills for Students
• ATE Coordination Networks
Questions?
Part III: 15 Helpful Tips for Developing ATE Project Proposals
Tips 1-3

1. Results of prior support and program preparation matter

2. Read the most current program solicitation carefully (NSF #17-568) …2018 update coming

3. Attention to latest version of the Proposal and Award Policies & Procedures Guide (PAPPG) —NSF #18-1

www.NSF.gov (search 18-1 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
Tips 10-12

10. Build effective partnerships
11. Focus on institution and partner strategic plans 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 implement the project plan
Part IV: 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](http://www.Mentor-Connect.org)
Mentor-Connect Library- Sample Proposal
## Sample Roadmap-Project Development

### NSF ATE Proposal Component Tracking Grid

<table>
<thead>
<tr>
<th>Component</th>
<th>Name</th>
<th>Comment</th>
<th>Due Date/Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover Sheet</td>
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<tr>
<td>Project Data Form</td>
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<tr>
<td>Project Summary: 1 page</td>
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<td>Project Overview</td>
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<td>Intellectual Merit</td>
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<td>Broader Impact</td>
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<td>Project Descriptions 15 pages</td>
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<td>Results of Prior Support</td>
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<td>Motivating Rationale</td>
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<td>Goals &amp; Objectives</td>
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<td>Deliverables</td>
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<td>Activities &amp; Timetable</td>
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<td>Management Plan</td>
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<td>Roles and responsibilities (PI, Co-PI, &amp; other Senior Personnel)</td>
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<td>Sustainability Plan</td>
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<td>Evaluation Plan</td>
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<td>Dissemination Plan</td>
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<td>Data Management Plan</td>
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<td>References Cited</td>
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<td>Bio Sketches</td>
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<td>Letters of Commitment</td>
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<td>Current &amp; Pending Support</td>
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<td>Budget Justification</td>
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<td>Institutional Support</td>
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<td>and Other Resources</td>
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<td>Institutional Review Board</td>
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<td>(IRB) Letter</td>
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<td>Federal Indirect Rate</td>
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<td>Other Documents:</td>
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<td>Other References</td>
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NSF Award Search - Examples

https://www.nsf.gov/awardsearch/

• Simple Search
  – Element Code (EC) 7412 for Active and/or Expired ATE Awards
  – Biotechnology: all funded projects that mention biotechnology (not just ATE)

• Advanced Search
  – EC 7412 + Keyword biotechnology = all currently-funded ATE grants that mention biotechnology
  – EC 7412 + Keyword biotechnology + Dropdown list location California = 5 current ATE projects being supported in California
  – EC 7412 + Program Officer Teles = all current ATE awards on which Teles is the assigned program officer.
  – EC 1536 + Dropdown list location South Carolina + Check Active & Expired = all S-STEM Awards made to SC grantees
NSF encourages your participation.

Come on in!

ATE Deadline
October 4, 2018
Questions?
Thursday, March 29 2018

Developing Stakeholder Partnerships Internally and Externally for Successful Grants (Updated)
Due to the latest NSF ATE Solicitation released in 2017, this webinar will act as an addendum and focus on specifics that have changed on this topic. A live Q&A will occur the last 30 to 45 minutes of the webinar.

We highly encourage that you watch the original webinar recording prior to attending this one. The original webinar was held on March 23, 2017 which covered the following information.

In addition to developing a good idea with supporting goals and activities, it is imperative that key stakeholders both internal and external be committed to the work of the proposed grant. This session will focus on the various types of stakeholders including, but not limited to, the main institution’s and any partner institution’s administration, staff, and faculty; a strong evaluator with a detailed evaluation plan; and engaged business, industry, and community members.

Presenters:
Elaine Johnson
PI and Executive Director, Bio Link

Marilyn Barger
PI and Executive Director, FLATE

Ann Beheler
PI and Executive Director, National CTC

For Other Upcoming Webinars See:  http://www.atecenters.org/ccta
Join us in National Harbor!

Innovations Conference March 18-21, 2018 in National Harbor, MD.

CCTA workshop to be held Monday during the conference!

https://www.league.org/inn2018
Join us in Miami!

July 25-28, 2018

www.highimpact-tec.org
Register for HI-TEC and DOL and NSF Workforce Convening

HI-TEC Conference July 27-28 in Miami, FL

www.highimpact-tec.org

Free follow-up DOL and NSF Workforce convening for all TAACCCT grantees, NSF grantees and others who can benefit on Friday, July 29.
Contacts

• Elaine Craft – elaine.craft@fdtc.edu
• Elizabeth Teles - ejteles@nsf.gov

http://www.atecenters.org/ccta
WEBINAR SURVEY

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