



ATECENTERS

Grant Proposal Resources, Road Maps and Timelines

March 9, 2017

[Click here to watch the webinar recording](#)



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



NETWORKS

- **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

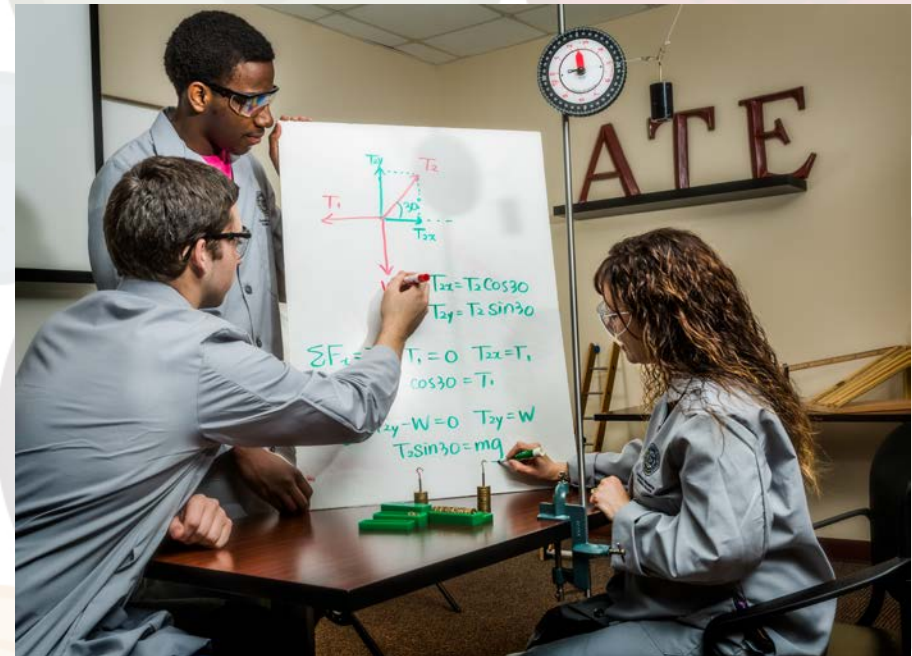
**15 Helpful Tips for Moving Up to larger NSF-
ATE Project Grants**

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, IUUSE, 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

Tips 10-12

- 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

The background of the slide is a repeating pattern of circles, each containing a different icon. The icons include a robotic arm, a flask with a plant, a lightbulb, a gear, a globe, a padlock, a bar chart, a chemical structure, and a leaf. The circles are in various colors like blue, green, yellow, and pink, and the icons are in shades of gray.

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

Not for distribution

COVER SHEET FOR PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION

PROGRAM ANNOUNCEMENT/SOLICITATION NO./CLOSING DATE: not in response to a program announcement/solicitation enter NSF 14-1

NSF 14-577 10/09/14

FOR CONSIDERATION BY NSF ORGANIZATION UNIT(S) (Indicate the most specific unit and interest, i.e., program, division, etc.)

DUE - ATE-Projects

NSF PROPOSAL NUMBER
1501267

DATE RECEIVED	NUMBER OF COPIES	DIVISION ASSIGNED	FUND CODE	DUNS# (Data Universal Numbering System)	FILE LOCATION
10/09/2014	1	110-0000 DUE	7412		NSF/ATE Projects

EMPLOYER IDENTIFICATION NUMBER (EIN) OR TAXPAYER IDENTIFICATION NUMBER (TIN) ☐ A RENEWAL ☐ AN ACCOMPLISHMENT-BASED RENEWAL

SHOW PREVIOUS AWARD NO. IF THIS IS ☐ A RENEWAL ☐ AN ACCOMPLISHMENT-BASED RENEWAL

IS THIS PROPOSAL BEING SUBMITTED TO ANOTHER FEDERAL AGENCY? YES ☐ NO ☒ IF YES, LIST ACRONYM(S)

NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE
Gaston College

ADDRESS OF AWARD ORGANIZATION, INCLUDING 9 DIGIT ZIP CODE
Gaston College
201 Highway 321 South
Dallas, NC, 280349565

AWARDEE ORGANIZATION CODE (if known)

NAME OF PRIMARY PLACE OF PERF
Gaston College

ADDRESS OF PRIMARY PLACE OF PERF, INCLUDING 9 DIGIT ZIP CODE
Gaston College
201 Hwy 321 South
Dallas, NC, 280341499, U.S.

IS AWARD ORGANIZATION (Check All That Apply) ☐ SMALL BUSINESS ☐ FOR-PROFIT ORGANIZATION ☐ MINORITY BUSINESS ☐ WOMAN-OWNED BUSINESS ☐ IF THIS IS A PRELIMINARY PROPOSAL THEN CHECK HERE

TITLE OF PROPOSED PROJECT
Promoting Apprenticeship Consortium for Technology (PACT) Project

REQUESTED AMOUNT \$ 196,302

PROPOSED DURATION (in months) 24 months

REQUESTED STARTING DATE 10/01/15

SHOW RELATED PRELIMINARY PROPOSAL NO. IF APPLICABLE

THIS PROPOSAL INCLUDES ANY OF THE ITEMS LISTED BELOW

☐ BEGINNING INVESTIGATOR (GPG I.C.2)

☐ DISCLOSURE OF LOBBYING ACTIVITIES (GPG I.C.1.a)

☐ PROPRIETARY & PRIVILEGED INFORMATION (GPG I.C.1.b)

☐ HISTORIC PLACES (GPG I.C.2.1)

☐ VERTEBRATE ANIMALS (GPG I.C.2.2) (ACU App. Date)

☐ HUMAN SUBJECTS (GPG I.C.7) (Human Subjects Assurance Number)

☐ INTERNATIONAL ACTIVITIES: COUNTRY/COUNTRIES INVOLVED (GPG I.C.3)

☐ COLLABORATIVE STATUS

☒ FUNDING MECHANISM Research - other than RAPID or EAGER

☐ Not a collaborative proposal

PI/PO DEPARTMENT
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Page 1 of 3

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IS THIS PROPOSAL BEING SUBMITTED TO ANOTHER FEDERAL AGENCY? YES ☐ NO ☒ IF YES, LIST ACRONYM(S)

NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE
Monroe Community College

ADDRESS OF AWARD ORGANIZATION, INCLUDING 9 DIGIT ZIP CODE
Monroe Community College
1000 E Henrietta Road
Rochester, NY, 146235780

AWARDEE ORGANIZATION CODE (if known)

NAME OF PRIMARY PLACE OF PERF
Monroe Community College

ADDRESS OF PRIMARY PLACE OF PERF, INCLUDING 9 DIGIT ZIP CODE
Monroe Community College
NY, 146235780, U.S.

IS AWARD ORGANIZATION (Check All That Apply) ☐ SMALL BUSINESS ☐ FOR-PROFIT ORGANIZATION ☐ MINORITY BUSINESS ☐ WOMAN-OWNED BUSINESS ☐ IF THIS IS A PRELIMINARY PROPOSAL THEN CHECK HERE

TITLE OF PROPOSED PROJECT
GeoTech Consortium of Western New York: Get the GIST (Geospatial Information Science Technology) Certificate

REQUESTED AMOUNT \$ 199,838

PROPOSED DURATION (in months) 36 months

REQUESTED STARTING DATE 07/01/15

SHOW RELATED PRELIMINARY PROPOSAL NO. IF APPLICABLE

THIS PROPOSAL INCLUDES ANY OF THE ITEMS LISTED BELOW

☒ BEGINNING INVESTIGATOR (GPG I.C.2)

☐ DISCLOSURE OF LOBBYING ACTIVITIES (GPG I.C.1.a)

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☐ Not a collaborative proposal

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Page 1 of 3

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*

Samples from Mentor-Connect Library

Institution: _____
 Proposal Topic: _____
 Proposal Team: _____

Proposal Discussion Guide and Monitor Matrix Mentor-Connect Contact Sheet for Colleges New To ATE Cohort #5 - 2017

Discussion Leader/ Proposal component	Strengths/Weaknesses	Name(s)
Date:	Strengths:	
Summary (1 pg.) with Intellectual Merit and Broader Impacts statements*	Weaknesses:	
Results of Prior Support	N/A – first-time prospective grantees will not have content for this section, and it is not expected.	N/A
Date:	Strengths:	
Motivating Rationale	Weaknesses:	
Date:	Strengths:	
Goals & Objectives	Weaknesses:	
Date:	Strengths:	
Deliverables (if applicable)	Weaknesses:	

Date:	Strengths:	Name(s)
Activities & Timetable	Weaknesses:	
Date:	Strengths:	
Management Plan	Weaknesses:	
Date:	Strengths:	
Roles and responsibilities of the PI, co-PI(s) and other Senior Personnel	Weaknesses:	
Date:	Strengths:	
Plan for Sustainability, Evaluation Plan, and Dissemination Plan	Weaknesses:	
Date:	Strengths:	
Budget and Budget Justification	Weaknesses:	
Date:	Strengths:	
Other Documents (References, commitment letters, etc.)	Weaknesses:	

Sample Roadmap

- Guideline to project development
- NSF ATE Proposal Component Tracking Grid
- Proposal Management Tool

Sample Roadmap

NSF ATE Proposal Component Tracking Grid

Project Name:

College:

Component	Name	Comment	Due Date/Complete
Cover Sheet			
Project Data Form			
Project Summary: 1 page			
Project Overview			
Intellectual Merit			
Broader Impact			
Project Description: 15 pages			
Results of Prior Support			
Motivating Rationale			
Goals & Objectives			
Deliverables			
Activities & Timetable			
Management Plan			
Roles and responsibilities (PI, Co-PI's; other Senior Personnel			
Sustainability Plan			
Evaluation Plan			
Dissemination Plan			
Data Management Plan			
References Cited			
Bio Sketches			
Letters of Commitment			
Current & Pending Support			
Budget			
Budget Justification			
Facilities, Equipment, Institutional Support and Other Resources			
Institutional Review Board (IRB) Letter			
Federal Indirect Rate			
Other Documents:			
Other References			

New NSF ATE Solicitation Coming mid-2017



NSF encourages your participation.

Come on in!



The background of the slide is a repeating pattern of circles, each containing a different icon. The icons include a robotic arm, a flask with a plant, a lightbulb, a gear, a globe, a padlock, a bar chart, a chemical structure, and a leaf. The circles are in various colors like blue, green, yellow, and pink, and the icons are in shades of gray.

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...

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- Elizabeth Teles - ejteles@nsf.gov
- Mel Cossette - mel.cossette@edcc.edu

<http://www.atecenters.org/ccta>