Moving Up!

Strategies for Preparing YOUR Next ATE Project Proposal

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Thank you

ATECENTRAL

SUPPORTING ADVANCED TECHNOLOGICAL EDUCATION

www.atecentral.net
Introductions

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Elizabeth (Liz) Teles, Former
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NSF ATE PI,
Computer Technologies Instructor,
Skilled Workers Get Jobs

Why Move UP?

Leverage what you learned with a first proposal
Expand your horizon
Achieve a larger vision initiated with first grant
When Should You Move Up?

- Have results
- Have partners, or more partners
- See a need
- Desire to sustain momentum initiated with first grant award
- Identify an appropriate funding opportunity

Read the Solicitation

(NSF 18-571)

Advanced Technological Education (ATE)

PROGRAM SOLICITATION
NSF 18-571

REPLACES DOCUMENT(S):
NSF 17-568

National Science Foundation
Directorate for Education & Human Resources
Division of Undergraduate Education
Research on Learning in Formal and Informal Settings

Full Proposal Deadline(s) (due by 6 p.m. submitter’s local time):

- October 15, 2018
- October 03, 2019
- October 01, 2020


Usually, the first Thursday in October
ATE Projects: Focus Areas

Funding up to $600K over 3 years

- Program Development and Improvement (coupled with Professional Development)
- Curriculum and Educational Materials Development
- Professional Development for Educators

Unique Funding Options

ATE Project Opportunities

- Instrumentation with Curriculum Revisions ($400-500K, 2-3 yr.)
- Adapt and Implement ($300-400K, 2-3 yr.)
- New to ATE ($300K, 2-3 yr.)
Other ATE Project Options

- Teacher Preparation
- Business and Entrepreneurial Skills Development for Students
- Leadership Capacity Building for Faculty
- Coordination Networks

Solicitation Focus Suggestions

- Program Development/Improvement ranging from credit courses to industry internships for students
- Professional Development and Leadership Capacity Building for faculty
- High School Teacher Prep and student on-ramps to technician education
- Business and Entrepreneurial Skills Development for students
Excluded from ATE Solicitation

- Scholarships
- General STEM education without technician focus
- Specific equipment (next slide)
- Predominantly transfer program
- Health, Veterinary or Medical technician program

Equipment Excluded

- Replacement equipment or instrumentation that does not significantly improve instructional capability
- Teaching aids
- Vehicles, trailers, laboratory furnishings, or general utility items
- Maintenance equipment and related contracts
- Modification, construction, or furnishing of laboratories or other buildings
- Installation of equipment or instrumentation
Important FIRST Steps

- Make a case - rationale for your idea
- Consider your results of prior support - they matter

Get Input Early

- Ask advice from PIs with multiple awards
- Participate in a mentoring program
- Share one page summary with Program Officer
Mentoring projects - provided to help you
Types of mentoring/coaching
  Program development (subject matter experts)
  Proposal development (help with solicitation requirements)
  Evaluation
  Industry Involvement
  ATE Central - connect to resources

Teams
Build cohesive teams
  Proposal team - faculty focus
  Project team - broader college representation
Budget funds to support faculty. May include overload pay if aligned with college policy.
Institutional Support

- Focus on institution and partner values and capabilities
- Get internal approval
- Align to college mission and values
- Work with administrators - so they see the value
- Tie to strategic goal of the college and local economic development - make the case

Checklist

- Pay attention to the Checklist for “Moving-Up” Proposals to ATE (download file from Chat)
  - Things that must be included
  - Reasons that proposals get returned without review
Checklist Topics

- Before you start
- The rationale
- Results of prior support
- Partners
- The work plan
- The management plan
- Budget and other resources
- Evaluation
- Dissemination
- Items to avoid
- Check before you submit

Moving Up Success

- If you are going to be the PI - have a passion for what you are doing
- Ensure it is something both you and your college want
- Make sure Co-PIs are on board
- Make sure business and industry are on board
Reference/Remember the PAPPG
- Pay attention to latest version of the Proposal and Award Policies and Procedures Guide (PAPPG)
- NSF #20-1 www.NSF.gov (search 20-1 or PAPPG)
- Follow the instructions for supplementary documents

Use ATE Resources
- Technical assistance webinars and tutorials
- Budget and budget justification
- Forms
- Evaluation
- Workshops, seminars and other professional development opportunities
- FAQs
- Help desks

. . . AND MORE
Mentor Up

Goals

- Broaden knowledge, build capacity, and increase access
- Increase the number of competitive proposals

Activities

- Faculty team, supported by a grant writer or administrator, is assigned a mentor
- Preworkshop, workshop, and postworkshop support is provided
- Continued support is available during negotiations and/or resubmission
Focus of Mentor Up

- Project proposals are encouraged from all community colleges including but not limited to institutions new to ATE
- Registration open January 15, 2021 through April 1, 2021
- Workshop Date: June 14 - 16, 2021
- Stipends: $500 for each of two faculty members following workshop and $250 each upon submission of proposal
- Applications must
  - Include a one-page project description, a support letter from an administrator, and names of faculty members
  - Be submitted to atementorup.org

Mentoring for ATE Proposal Success
Since 2012, Mentor-Connect has been helping two-year colleges compete for NSF ATE grant funding

- 165 community colleges
- 74% success rate for participants
- 22 trained Mentors

What Mentor-Connect Does

- Teaches ATE grant proposal preparation strategies
- Guides proposal writing
- Advises prospective grantees through the funding process
- Provides technical support for project start-up
- Answers questions about project implementation
- Stimulates STEM faculty leadership development
- Prepares Mentors to work with prospective grantees
Connect with Mentor-Connect

843-676-8541 Help Desk

www.Mentor-Connect.org

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ATE Central Office Hours

- Tuesday, March 16 - 3:00 - 4:00 (ET)
- Presenters will be available to answer questions
- You will receive information and link to join

Please complete the survey