Moving Up!

How-to Tips for Success with YOUR Next ATE Project Proposal

February 21, 2024

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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 21-598)**

**Advanced Technological Education (ATE)**

**PROGRAM SOLICITATION**

- NSF 21-598
- REPLACING DOCUMENT(S): NSF 18-671

**National Science Foundation**

**Division of Undergraduate Education**

**Due Date:** (usually first Thursday in October)

October 14, 2021

October 13, 2022

October 11, 2023

ATE Projects: Focus Areas

- New Solicitation will retain essence of ATE program
- Tracks might change

- We will discuss general options
- $$ amounts might change
ATE Projects: Focus Areas

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

Funding up to $650K over 3 years

ATE Projects: Focus Areas (Cont)

- Instrumentation (with Curriculum Revisions)
- Adapt and Implement
- Business and Entrepreneurial Skills Development for Students
- Leadership Capacity Building for Faculty

Funding up to $650K over 3 years

Other ATE Project Options

- New to ATE (no prior award or last award date > than 7 years ago)
- Consortia for Innovations in Technician Education

Can’t decide? ASK

Currently Excluded from ATE

- Scholarships
- General STEM education without technician focus
- Specific equipment (next slide)
- Predominantly transfer programs
- Health, veterinary or medical technician programs

Equipment Currently Excluded

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

Are You Ready to Move Up?

- Develop a bigger-vision idea to move up
- Read the current program solicitation
- Discuss your idea with others
- Consider the timing
Get Input Early
- Ask advice from PIs with multiple awards
- Participate in a mentoring program
- Share one page summary with college personnel, potential partners, and Program Officer

Teams
- Build cohesive teams
- Proposal team — faculty focus
- Project team — broader college representation
- Mentoring initiatives require team participation

Institutional Support
- Focus on institution and partner values and capabilities
- 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
- Get internal approval

Rationale
- Describe a local and regional need for technicians
- Engage with business and industry in meaningful ways
- Support your project idea with literature research
- Align your project with strategic goals of your institution and regional workforce initiatives
- Think about how your new project will complement and add to the ATE portfolio

Results of Prior Support
- Include work of any PI or Co-PI as indicated in PAPPG
- If NA, you should make a statement regarding no prior support
- Include information about successes and lessons learned
- Address both intellectual merit and broader impacts of past awards
- Include information about the number of people impacted
- Qualitative data is also useful

Checklist Topics
- Before you start
- Rationale
- Results of prior support
- Partners
- Work plan
- Management plan
- Budget and other resources
- Evaluation
- Dissemination
- Sustainability
- Check before you submit
- Items to avoid
Moving Up Success

- Have a strong interest in and commitment to what you are proposing
- 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

PAPPG

- Reference/Remember the PAPPG
- Pay attention to latest version of the Proposal and Award Policies and Procedures Guide (PAPPG)
- NSF #24-1 www.NSF.gov (search 24-1 or PAPPG)
- Follow ATE instructions for supplementary documents

Use ATE Resources

- Technical assistance webinars and Quick Reference Guides
- Budget and budget justification
- Forms
- Evaluation
- FAQs
- Workshops, seminars and other professional development opportunities
- Help desks
  . . . AND MORE

What Mentoring Provides

- Shows ATE grant proposal preparation strategies
- Guides proposal writing including creation of forms
- Advises prospective grantees through the funding process
- Provides information on budget preparation and evaluation
- Provides examples of successful proposals
- Informs about changes in ATE solicitation and PAPPG

Get a Mentor

https://atecentral.net/support
The Mentoring Experience was the most valuable tool I have ever received in regards to grant writing. It made the difference between writing a proposal and presenting a fundable project.

Bonnie Kelly Wiregrass Georgia Technical College

Registration open through April 1, 2024
Mentor assigned no later than April 15, 2024, and usually sooner
Virtual Workshop Date: June 5 - 7, 2024
Stipends for faculty members
Draft proposal reviewed by former ATE program directors
Pre-mentoring support available through March 15, 2024

Success Rates for Mentor Up Participants is 72%

For more information or to discuss ideas, contact:
- PI: Karen Wosczyna-Birch @ karenlee@snet.net
- Co-PI: Kathleen Alfano @ kalfano37@gmail.com
- Co-PI: Elizabeth Teles @ ejteles@yahoo.com

Program and Application Information: atementorup.org
Mentor-Connect’s Broader Scope
- Two in-person workshops + HI-TEC
- Provides technical support for project start-up
- Answers questions about project implementation & grants management
- Stimulates STEM faculty leadership development
- Prepares Mentors to work with prospective grantees

To Apply for Mentor-Connect
- Applications
  - Moving Up (April 1): For previous mentoring/grant-writing workshop participants
  - Second Chance (rolling deadline): For those with declined proposals
  - New to ATE (July 1 - November 8, 2024): For 2025 proposals

Connect with Mentor-Connect
- www.Mentor-Connect.org
- 843.676.8541
- mentor-connect@fdtc.edu
- ATEMentorConnect
- @Mentor_Connect
- LinkedIn.com/MentorConnect

QUESTIONS & DISCUSSION

Contact Us
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