


Moving Up!

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

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Introductions



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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



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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



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Read the Solicitation

~~(NSF 21-598)~~

Advanced Technological Education (ATE)

PROGRAM SOLICITATION
NSF 21-598

REPLACES DOCUMENT(S):
NSF 18-571

 National Science Foundation
Directorate for Education and Human Resources
Division of Undergraduate Education

Full Proposal Deadline(s) (due by 5 p.m. submitter's local time)

- October 14, 2021
- October 06, 2022
- October 05, 2023


Typically first Thursday in October



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ATE Projects: Focus Areas

- New Solicitation will retain essence of ATE program
- Tracks might change
- We will discuss general options
- \$\$ amounts might change




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ATE Projects: Focus Areas

Funding up to \$650K over 3 years

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



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ATE Projects: Focus Areas (Cont)

Funding up to \$650K over 3 years

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

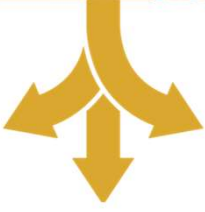


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Other ATE Project Options

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




Can't decide? ASK

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Currently Excluded from ATE

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



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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

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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




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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




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Teams

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




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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



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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

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Results of Prior Support

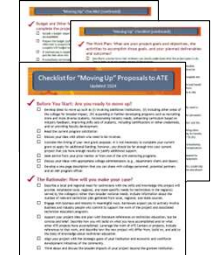
- Include work of any PI or Co-PI as indicated in PAPPG
 - If NA, you should make a statement regarding no prior support
- Include information about successes and lessons learned
- Address both intellectual merit and broader impacts of past awards
- Include information about the number of people impacted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

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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



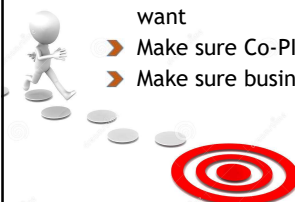
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Moving Up Success

- 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



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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

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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



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Get a MENTOR




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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



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Get a Mentor



<https://atecentral.net/support>

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Advanced Technological Education Grant Mentoring for Two-Year Colleges

Mentor Up




The purpose of the project is to increase the number and quality of proposals submitted annually. This will be achieved through 2.5 day intensive workshop accompanied by one-on-one mentoring with experienced Principal Investigators and past NSF Program Officers.

- 2.5 day proposal writing workshop
- Pre-workshop questions
- Mentoring by experienced Principal Investigators and past NSF Program

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Mentor Up

- Instruction via virtual workshop using Zoom
- Support faculty team with grant professional and administrator
- Provides preworkshop, workshop, and postworkshop support
- Continues support during negotiations and/or resubmission
- Encourages Project proposals from all community colleges in all areas of technology
- Provides mentoring for both Moving Up Teams and those new to ATE

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

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Mentor Up

- 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%

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Mentor Up

For more information or to discuss ideas, contact:

- PI: Karen Wosczyzna-Birch @ karenlee@snet.net
- Co-PI: Kathleen Alfano @ kalfano37@gmail.com
- Co-PI: Elizabeth Teles @ ejteles@yahoo.com

Program and Application Information: atementorup.org

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Mentoring for ATE Proposal Success



MENTOR CONNECT

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Mentor-Connect


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

- 261 community colleges
- 71% success rate – 1st submitted proposal
- 41 trained Mentors



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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

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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

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Connect with Mentor-Connect

-  www.Mentor-Connect.org
-  843.676.8541
-  mentor-connect@fdtc.edu
-  ATEmentorConnect
-  @Mentor_Connect
-  [LinkedIn.com/MentorConnect](https://www.linkedin.com/company/MentorConnect)

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QUESTIONS & DISCUSSION

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Contact Us

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