Moving Up!

Strategies for Preparing YOUR Next ATE Project Proposal

February 2, 2022

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Introductions

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Former 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
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

The first Thursday in October
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
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
New to ATE ($350K, 2-3 yr.)
Consortia for Innovations in Technician Education ($1.2 million - 2 institutions, $3.0 million - 3 or more institutions, 3-4 yr.)

Can’t decide? ASK
Excluded from ATE Solicitation

- Scholarships
- General STEM education without technician focus
- Specific equipment (next slide)
- Predominantly transfer programs
- Health, veterinary or medical technician programs
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 college personnel, potential partners, and Program Officer
Mentoring projects - provided to help you

Types of mentoring/coaching
- Program development (subject matters experts)
- Proposal development (help with solicitation requirements)
- Evaluation
- Industry involvement
- Support though negotiations
- Follow up mentoring if not funded
- 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
- 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
Pay attention to the Checklist for “Moving-Up” Proposals to ATE (download file from Chat)
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
Reference/Remember the PAPPG

Pay attention to latest version of the Proposal and Award Policies and Procedures Guide (PAPPG)

NSF #22-1 www.NSF.gov (search 22-1 or PAPPG)

Follow ATE 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
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 a 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 Officers
Mentor Up

Goals
- Broaden knowledge, build capacity, and increase access
- Increase the number of competitive ATE proposals to October 6, 2022, deadline

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
Project proposals are encouraged from all community colleges in all areas of technology supported by ATE, including but not limited to institutions new to ATE.

Workshop Date: June 15 - 17, 2022, to be held virtually.

Stipends: $500 for each of two faculty members following workshop and $250 each upon submission of proposal.
To Apply for Mentor Up

- Registration open through April 1, 2022, with preference given to those that apply by March 1, 2022
- Applications must
  - Include a one-page project description, a support letter from an administrator, and names of faculty members
  - Be submitted to atementorup.org
Focus: cybersecurity, all computing disciplines, and data analytics/science

Mentee Team Application: open through April 1, 2022, or until all slots filled with preference given to those that apply by March 1, 2022

Workshop Dates: June 13 - 15, 2022, at Prince Georges’ Community College in Largo, MD, and online

Stipends: Travel plus $500 for each of two faculty members following workshop and $250 each upon submission of proposal

Online Applications:
- Include a one-page project description, a support letter from an administrator, and names of faculty members
- Be submitted via forcce-ate.org/mentee/
- Contact information: info@forcce-ate.org
Mentoring for ATE Proposal Success
Since 2012, Mentor-Connect has been helping two-year colleges compete for NSF ATE grant funding

- 210 community colleges
- 70% success rate - 1st submitted proposal
- 41 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 & 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 - October 10, 2022): For 2023 proposal
Contact Us

- Elaine Craft - Elaine.Craft@fdtc.edu
- Elizabeth Teles - ejteles@yahoo.com
- Pamela Silvers - Pamela.Silvers@fdtc.edu
ATE Central Office Hours

- Wednesday, February 16 - 2:00 - 3:00 (ET)
- Presenters will be available to answer questions
- You will receive information and link to join

Please complete the survey