

Grant Funding Demystified: Exciting NSF ATE Funding Opportunities and No-cost Proposal Development Help



Thursday, July 27, 2023
9:15 -10:00 am








Agenda

- **Part I: NSF & ATE Program**
 - NSF - the Agency
 - NSF ATE Grant Funding Opportunities/Tracks & Deadlines
 - What ATE Funds & Funding Rate Variables
 - Program Officer Advice
- **Part II: Mentor-Connect Opportunity**
 - Mentor-Connect - the Project
 - Mentor-Connect System of Support
 - Eligibility
 - Getting Started/Next Steps



National Science Foundation




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 ATE Lead Program Officer
 National Science Foundation
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Introduction to NSF

NSF Organizational Chart



www.NSF.gov

Finding ATE






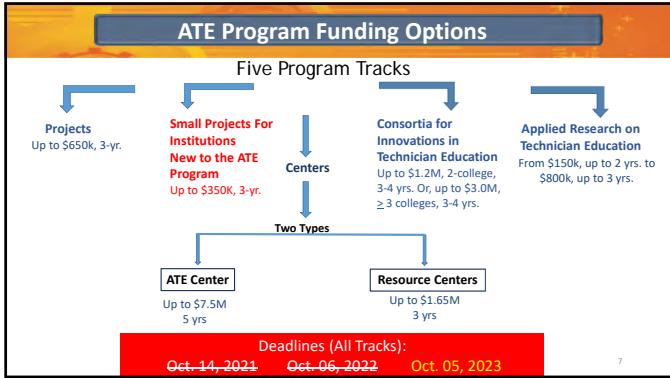
Innovation Anywhere,
Opportunity Everywhere

NSF is an independent federal agency that supports science and engineering in all 50 states and U.S. territories.

Advanced Technological Education (ATE)

The education of highly qualified science and engineering technicians for advanced-technology fields that drive the nation's economy





ATE Small, New to ATE

Best Place to Start!
Small Grants for Institutions New to ATE (\$350,000, 3 years)

Implementation, innovation, and adaptation in all areas supported by ATE



May be prototype or pilot for an idea that may be expanded in a future ATE Project proposal

Eligibility: 2-year colleges that have not had an ATE award within the past 7 years

ATE Projects Options

Projects - Up to \$650,000 maximum 3 years


- Program Development, Implementation and Improvement
- Professional Development for Educators
- Curriculum and Educational Materials Development
- Teacher Preparation
- Adaptation and Implementation
- Instrumentation/Equipment Acquisition with Curriculum Updates (for established programs)




ATE Funding Rate Variables

Proposal funding rate influenced by

- \$ available
- # proposals received
- Type of proposal (funding track)
- Quality of proposals




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Program Officer Advice

- Be alert to guidelines (PAPPG, NSF 23-1)
- Read the solicitation (currently 21-598)
- Choose right program track
- Start early!
- Have faculty-driven concept & work plan
- Get help - avoid errors
 - Program Officers
 - Mentor-Connect
 - ATE Centers or Project PIs

Watch for new solicitation in 2024




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Mentor-Connect Big Picture!

Mentor-Connect helps you compete for NSF ATE grant funding to improve technician education and develop as leaders



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Mentor-Connect Leadership & Support





Elaine Craft
Principal Investigator



Emery DeWitt
Project Manager/
Co-Principal Investigator



Pamela Silvers
Co-Principal Investigator
Mentor



Rick Roberts
Managing Director
SCATE/
Mentor-Connect
Co-Principal Investigator



Oia Brand
Senior Personnel/
Mentor



Dennis Faber
Senior Personnel



Elton House
Senior Advisor



Jon Anderson
Financial/Accounting
Program Assistant
Mentor-Connect/
SCATE




David Hata
External
Evaluator




Madeline Patton
Freelance Writer/
Consultant

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Success by Numbers





- 11 Cohorts
- 42 States
- 2 US Territories
- 234 Colleges Teams
- 437 Faculty
- 263 Grant Professionals/Administrators



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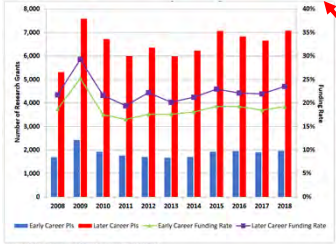
Participant Success Data

- 68% of Mentor-Connect applicants accepted into a cohort
- 86% have submitted NSF ATE proposals
- 71% received grants (Small Projects for Institutions New to ATE) compared to 26% overall NSF funding rate

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Why ATE & Mentor-Connect?

Mentor-Connect Participant
>70% funding rate!

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MentoringTeamwork . . . FUN!




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Why New-to-ATE Cohort Mentoring?



- Learn in cohort with others who are new to ATE:
 - Project development & proposal structure
 - Proposal writing tips
 - NSF ATE Expectations
 - Tracking/accountability
 - Financial support
- Work one-on-one with an awesome, experienced Mentor



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2023 Mentors



 Osa Brand	 Mel Cossette	 Diane Dostie	 Sharon Guaky	 Vicki Jeppson
 Ann Johnson	 Greg Kepner	 Doug Laven	 Ken Mays	 Louis McIntyre
 Rick Polarin	 Anca Sala	 Pam Silvers		




2023 Mentor Fellows



 Matthew Jensen Mentor Fellow Leader	 Terry Barlett	
 Frank Hood	 Espanza Jones	 Bills Copple Co-Mentor Fellow



Mentor-Connect Help

- Mentoring*
- Technical Assistance Webinars & Tutorials
- Workshops*
- Help Desk - Just-in-time Answers
- Online Resource Library
- NSF Funding Process Guidance
- Start-up & Project Implementation Advice
- Leadership Development



*for Cohort mentoring participants



Cohort Benefits

- An ATE-experienced mentor assigned to each team
- College teams include 2 STEM Faculty, grant professional and administrator
- A 3-day grant-writing workshop - Winter
- One-day workshop & HI-TEC (conference) - Summer
- Technical assistance webinars & tutorials
- Other resources and "help desk" support




Financial Support

- Travel Reimbursement (winter and summer workshops)
- High Impact Technology Exchange Conference (HI-TEC) Registration
- Faculty Stipends





Cohort Structure

- 20-24 college teams selected each year (November)
- Two STEM faculty (+ grant professional and administrator)



Apply for
2024 Submission
www.Mentor-Connect.org
GET A MENTOR




What is Expected of You?

- Participate as a team
- Fully engage in training & mentoring activities
- Provide feedback
- Submit an ATE proposal




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Who is Eligible?

- 2-year technical and community colleges & faculty
- New-to-ATE colleges - no ATE grant funding in the past 7 years or ever
- New-to-ATE faculty - no experience as PI or Co-PI on an ATE grant




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What You Need to Get Started

- An idea for enhancing technician education
- Desire to make a difference
- Industry need for completers of the targeted technician education program(s)



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How to Apply

Access application package (**available NOW**):
www.Mentor-Connect.org
 "Get a Mentor"
Deadline November 10, 2023
 Application Components:
 Electronic Application & College Affidavit

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Tips for Success

- Apply for mentoring help
- Use Mentor-Connect resources
- Apply for ATE funding

No cost to participants!



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Next Steps Toward Success

Free!

- Attend Mentor-Connect Webinar: September 27, 2:00 p.m. ET
 Register at www.Mentor-Connect.org
- Get a Mentor!
 Apply at www.Mentor-Connect.org

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HELP!

Connect with Mentor-Connect

www.Mentor-Connect.org

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[LinkedIn.com/MentorConnect](https://www.linkedin.com/company/MentorConnect)



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