


A New NSF ATE Solicitation!
2024 Changes,
Funding Opportunities
and
Help with Proposal Development

Wednesday, July 31, 2024
 11:15 - Noon

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AGENDA

- **Part I: NSF & ATE Program**
 - NSF - the Agency
 - NSF ATE Grant Funding Opportunities/Revisions/Tracks & Deadlines
 - Congressional Funding & ATE 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



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National Science Foundation




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Advanced Technological Education (ATE) Program

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Advanced Technological Education (ATE)



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24-584 Revision Notes

- Track 1: Small Scale Projects: Maximum budget of **\$475,000** over three years and **no longer restricted** to institutions who haven't received an ATE award in the past seven years.
- Track 2: ATE Projects: Maximum budget of **\$1,000,000** over three years.
- Track 4: Center Planning proposals: **No longer supported.**
- Track 4: **ATE Resource/Support Centers: No longer supported.** For sunsetting Centers, a proposal to support established high-value activities that are not otherwise sustainable may be appropriate under Track 2: ATE Projects.
- Track 5: **Removed.** Applied Research on Technician Education projects are supported under Track 2: ATE Projects.

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ATE Program Funding Options

Track 1
Small Scale
Projects
Up to \$475K, 3 years

Track 2
Projects
Up to \$1 M, 3 years

Track 3**
Consortia for Innovations in
Technician Education
Up to \$1.2M,
2 colleges, 3-4 years
or
Up to \$3.0M,
≥ 3 colleges, 3-4 years

Track 4
Centers
Up to \$7.5M
5 years

Four
Program
Tracks

Deadlines (All Tracks):
October 3, 2024
First Thursday in October,
Annually Thereafter

**** NOTE for Track 3:** The 2-year collaborating institutions may request the maximum budget. Two 2-year institutions may request \$1.2M and also involve other 4-year institutions and/or organizations. Three 2-year institutions may request \$3M and also involve other 4-year institutions and/or organizations. Consortium (Track-3) PIs must not hold a leadership role in an active ATE Center.

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Best Place to Start!

Track 1: Small Scale Projects (\$475,000, 3 years)

Implementation, innovation, and adaptation in areas supported by ATE





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



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Track 1 and Track 2 Projects




- 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)

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Congress determines available budget

Proposal funding rates are 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 24-1)
- Read the solicitation (currently 24-584)
- Choose right program track
- Start early!
- Have faculty-driven concept & work plan
- Get help - avoid errors
 - Program Officers
 - Mentor-Connect
 - ATE Centers or Projects - contact PIs

Tips and Advice

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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
- Dea Brand, Senior Personnel / Mentor
- Jon Anderson, Financial/Accounting Program Assistant / Mentor-Connect / SCATE
- David Meza, External Evaluator
- Madeline Patton, Freelance Writer / Consultant
- Molly Castro, Resource Collection
- TJ McCue, Social Media

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Mentor Fellow Leaders

- Doug Laven
- Louis McIntyre
- Matthew Swenson

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Mentor-Connect Geographic Impact:

12 cohorts → 43 States → 2 US Territories

- 261 College Teams
- 491 Faculty
- 317 Grant Professionals & Administrators

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Participant Success Data

- 86% have submitted NSF ATE proposals
- 72% received New-to ATE grants compared to 26% overall NSF funding rate

2024 Submission Success

- 100% submitted proposals (22 colleges)
- 82% projected to receive funding (18 colleges)

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**Mentoring . . .
. . .Teamwork . . .
FUN!**

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Why 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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2024 Mentors

Oia Brand, Billie Copley, Mel Cossette, Diane Dostie, Sharon Gasky, Vicki Jeppson, Ann Johnson, Greg Kepner, Doug Laven, Ken Mays, Louis McIntyre, Anca Sala, Pam Silvers, Matthew Swenson

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2024 Mentor Fellows

Phil Gibson, Brandon Keller, Josh Labrie, Sheela Vemu Co-Mentoring Fellow

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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

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Financial Support

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

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Cohort Structure

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

Apply for 2025 Proposal Submission
www.Mentor-Connect.org
 GET A MENTOR

MENTORING

GOALS COACHING GUIDANCE TRAINING MOTIVATION KNOWLEDGE SUPPORT SUCCESS

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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

OR

- 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 8, 2024

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 25, 2:00 p.m. ET
Register at www.Mentor-Connect.org
- Get a Mentor!
Apply at www.Mentor-Connect.org

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QUESTIONS





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Connect with Mentor-Connect



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- @Mentor_Connect
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