



NSF ATE Funding & Mentor-Connect Opportunities

Wednesday, September 25, 2024
2:00-3:30 pm

Getting Started

- Using the chat box to introduce yourself
- Ask questions in the chat
- Questions will be answered during the webinar
- Change the view in the upper right-hand corner





Logistics

- Registered participants will receive link to the webinar recording within one week
- Registered participants will receive e-mail with any attachments shared in Chat
- A quick reference guide based on webinar will be published in the *Resource Library* on Mentor-Connect.org - includes PowerPoint slides with annotated text
- Attendees may request a Certificate of Completion by emailing Mentor-Connect@fdtc.edu



Introductions



Dr. Celeste Carter, NSF Program Director
ATE Lead Program Officer
National Science Foundation
Email: vccarter@nsf.gov



Emery DeWitt, Project Manager, Co-Principal Investigator
Mentor-Connect: Leadership Development and Outreach for ATE
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Osa Brand
Senior Personnel/Mentor
Mentor-Connect: Leadership Development and Outreach for ATE
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Louis F. McIntyre, Sr.
Mentor-Connect Mentor
Director - Grants Evaluation & Compliance Consulting
McIntyre Leadership Development
Email: lfmcintyre@gmail.com



Pamela Silvers, Co-Principal Investigator
Mentor-Connect: Leadership Development and Outreach for ATE
Professor Emeritus: Asheville-Buncombe Technical Community College
Email: pamela.silvers@fdtc.edu



What is your current role at your institution?

- A. Faculty
- B. Administrator
- C. Grant Professional
- D. None of the above

AGENDA

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

National Science Foundation



Dr. Celeste Carter
NSF Program Director
ATE Lead Program Officer
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Advanced Technological Education (ATE) Program



www.nsf.gov

← → ↻ 🏠 nsf.gov



🇺🇸 An official website of the United States government [Here's how you know](#) ▾



U.S. National
Science
Foundation

Finding ATE →

ATE or 24-584



[Find Funding & Apply](#) ▾

[Manage Your Award](#) ▾

[Focus Areas](#) ▾

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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 technicians for the high-technology fields that drive our nation's economy

For ATE Proposals

- Community colleges must have leadership roles in all projects
- Grades 7-12, 2 year and 4 year institutions can be supported (Technician Education Pathways – but not broader STEM or college-transfer focus)
- Partnerships with Industry and Economic Development Entities – Hiring Needs

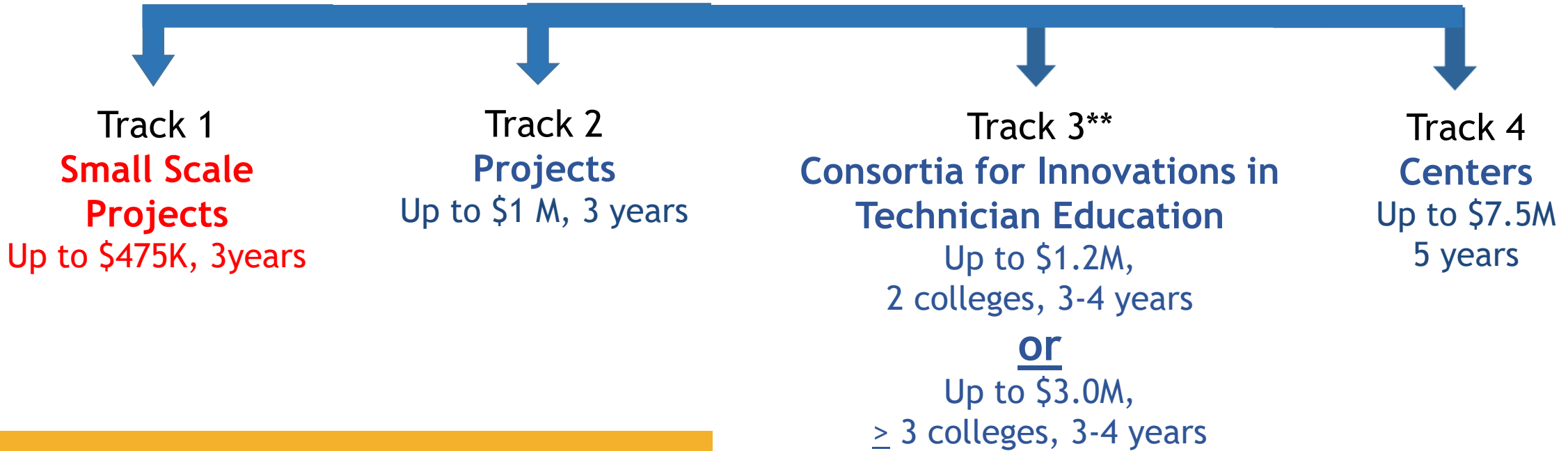


24-584 Revision Notes

- 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 sunseting 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.

ATE Program Funding Options

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.

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





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)

Congress determines available budget

- Proposal funding rates are influenced by
 - \$ available
 - # proposals received
 - Type of proposal (funding track)
 - Quality of proposals



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





Poll Question

Why should you pursue NSF ATE funding?

- A. Focus on 2-year colleges
- B. Opportunity for colleges to get NSF funding
- C. Multiple funding tracks available
- D. All of the above





QUESTIONS



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



Differences

NSF-ATE

See PAPPG Chapter I.E.

- **Yes** – Institutes of Higher Education (IHEs), non-profit, non-academic organizations, and Tribal governments
- **Maybe** – For-profit organizations, State and Local Governments, Foreign Organizations, and Other Federal Agencies
- **No** – Unaffiliated Individuals



Mentor-Connect

Yes

- 2-year colleges
- Partnerships when 2-year college serves as the grantee (performing institution)
- New to ATE - Institutions or STEM Faculty/technician educators



Mentor-Connect Leadership & Support



Elaine Craft
Principal
Investigator



Emery DeWitt
Project Manager/
Co-Principal
Investigator



Pamela Silvers
Co-Principal
Investigator
Mentor



Osa Brand
Senior Personnel/
Mentor



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



David Hata
External
Evaluator



Cameron Craft
External
Evaluator



Madeline Patton
Freelance Writer/
Consultant



Molly Castro
Resource Collection



TJ McCue
Social Media



Mentor Leaders



Doug Laven



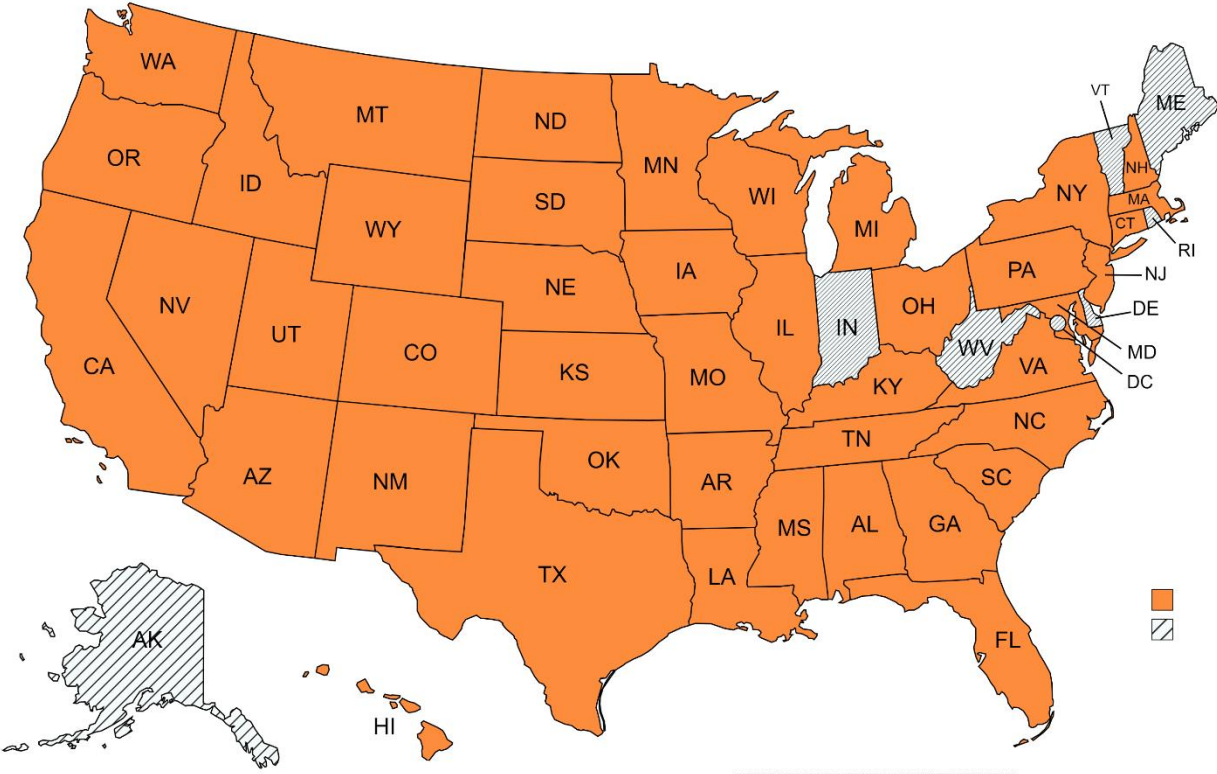
**Louis
McIntyre**



**Matthew
Swenson**



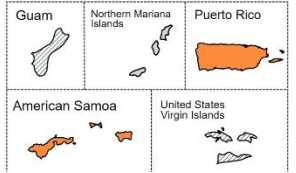
Mentor-Connect Geographic Impact:
12 cohorts → 43 States → 2 US Territories



261
College Teams

491
Faculty

317
Grant Professionals &
Administrators





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)







Mentor-Connect Overview

- Work one-on-one with an experienced Mentor
- Learn in a cohort with others who are new to ATE
- Understand NSF/ATE Requirements
- Develop skills in
 - Project development & proposal structure
 - Proposal writing





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

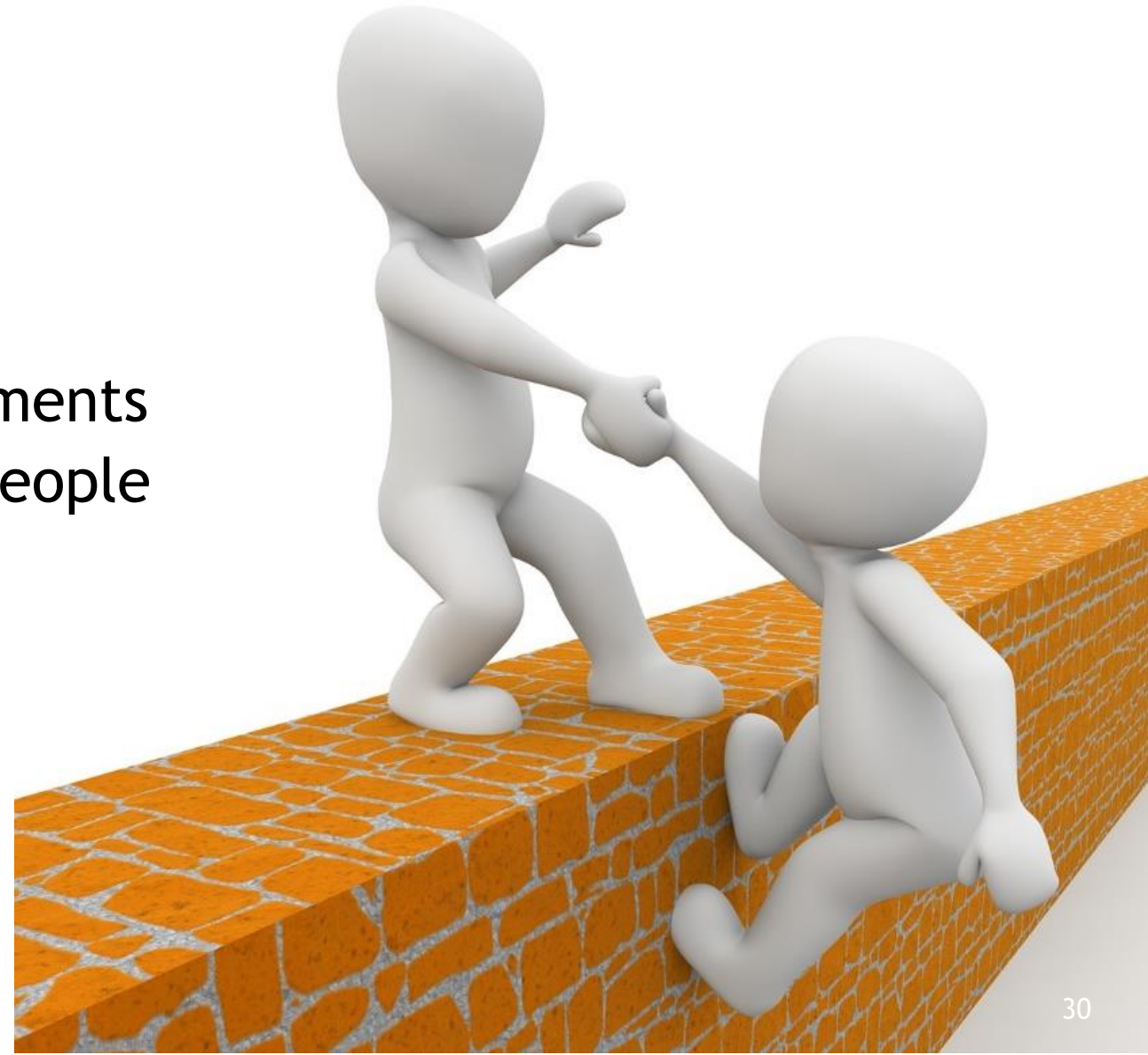
MENTORING





Your Mentor's Role

- Strengthen proposal topics
- Refine ideas & strategies
- Guide proposal development
- Help address NSF & ATE requirements
- Provide links to ATE resources/people
- Assist team during workshops



2024 Mentors



Osa Brand



Billie Copley



Mel Cossette



Diane Dostie



Sharon Gusky



Vicki Jeppeson



Ann Johnson



Greg Kepner



Doug Laven



Ken Mays



Louis McIntyre



Anca Sala



Pam Silvers



Matthew Swenson

Cohort Benefits

- An ATE-experienced mentor assigned to each team
- Three-day grant-writing workshop - Winter
- One-day workshop & HI-TEC (conference) - Summer
- Technical assistance webinars & reference guides
- On-line resource library
- Help desk support
- Financial support: travel expenses, stipends





**Mentoring . . .
. . . Teamwork . . .
. . . Networking!**





What is Expected of You?

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





Reminder

- Put your questions in the chat box
- Questions will be answered later in the webinar





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



Application Requirements

- 2 STEM faculty who teach future technicians
 - Lead as PI or Co-PI
 - Have experience/qualifications
- Support/Commitment of college
 - Administrative affidavit
 - Participation by grant professional and/or administrator
- Idea for ATE grant proposal





Teamwork Recommended & Encouraged

- Two faculty
- + 2 others
 - Grant Professional or equivalent
 - Other supportive administrator





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+

Grant Professional/Administrator Benefits

- Separate Winter Workshop session
- Mentor support
- Mentor-Connect resources
- Eligible for travel support

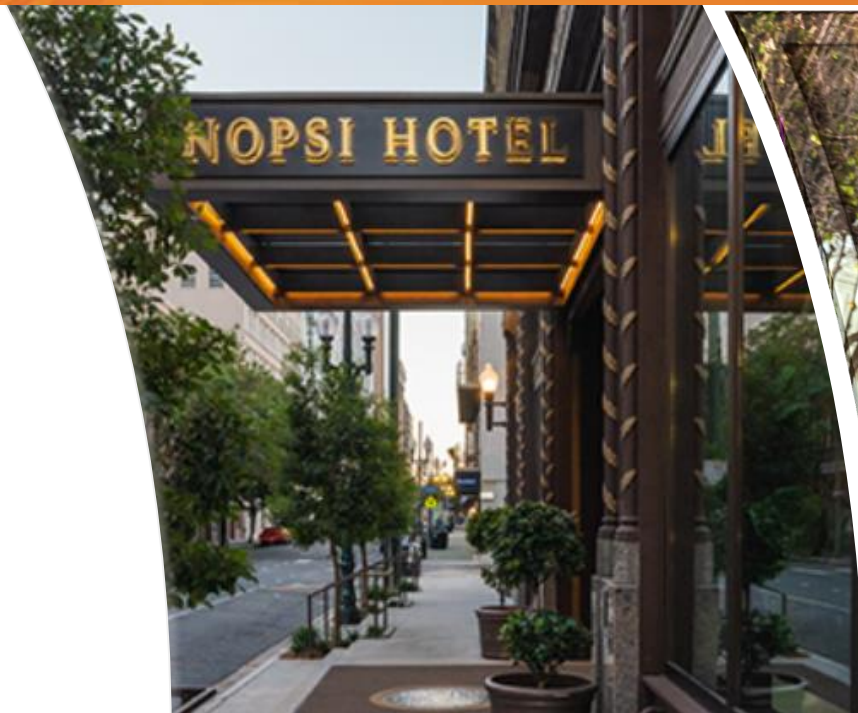




January 29-31, 2025

Winter Workshop - New Orleans

- Instruction and Mentee-Mentor work time
 - Proposal structure & components
 - When to do what
 - Tips for proposal success
 - NSF proposal review & funding
 - Leadership skills development
 - ATE expectations for ATE projects (Track 1 & 2)



Summer Workshop

- Tuesday, July 22, 2025
- In conjunction with HI-TEC in Minneapolis, MN (July 23-24, 2025)



SAVE THE DATE!
HI-TEC 2025
July 21-24
Minneapolis Marriott City Center

Poll Question

Which of the following are Mentor-Connect participant benefits?

- A. Two ATE grant-development workshops
- B. One-on-one mentoring for each college team
- C. Technical support & webinars
- D. Travel support & stipends
- E. All of the above



How to Apply

Access application:

www.Mentor-Connect.org

“Get a Mentor”

Deadline November 8, 2024

Application Components:

Electronic Application & College Affidavit

**Now
Available!**

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)



Selection Process

- Everyone who applies gains access to Mentor-Connect help
- Up to 24 colleges/teams selected for Cohort 13; notification on November 22, 2024
- If not selected, you will receive:
 - One-on-one consultation & feedback on application
 - Alternate pathways to engage with the ATE Program
 - Access to Mentor-Connect webinars and online resources

Selection
Process





Selection Criteria

- Application is complete
- New to ATE college OR faculty team
- Proposal idea is technician focused and appropriate for ATE
- STEM faculty team members
 - Teach credit-based courses
 - Have relevant expertise/experience





to

DO

LIST

Notification - What Next?

- Read acceptance or decline letter thoroughly
- Accepted?
 - Register and prepare for winter workshop
 - Quickly engage with your assigned Mentor
- Declined?
 - Participate in 1-on-1 consultation about why
 - Receive guidance for a pathway to success
- Ask questions



**BUT WAIT!
THERE'S MORE!**

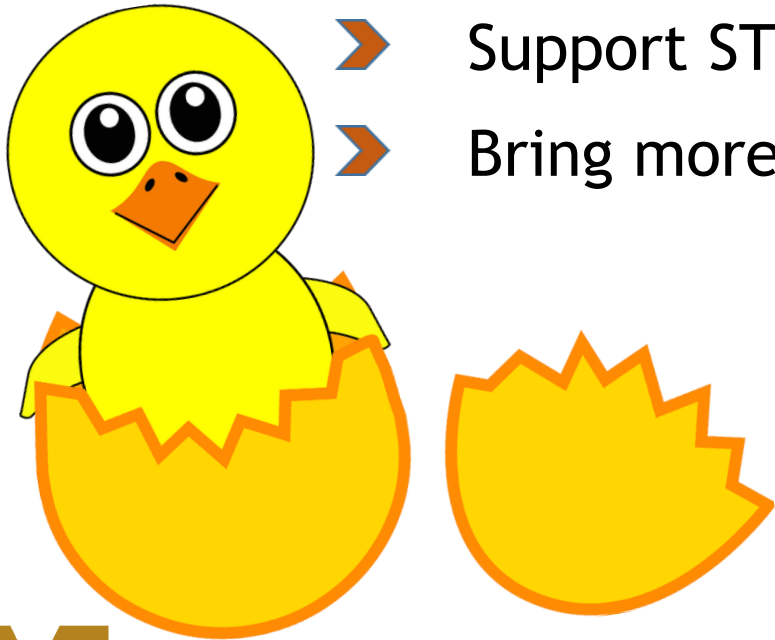
Additional Opportunities

- Second Chance Mentoring
- Moving Up (Webinar on February 12, 2025)
- PI 101
- Mentor Fellows



More about Mentors

- “Hatched” from ATE Community of experienced grantees
- Prepared via Mentor Fellows Internship
- Give back by helping others benefit from ATE
- Support STEM faculty leadership development
- Bring more 2-year colleges to ATE . . . and keep them engaged





Leadership Development

- Results from problem-based learning as faculty develop plans, prepare proposals, and implement projects
- Occurs throughout Mentor-Connect participation and thereafter
- Expands faculty beyond their classroom and normal faculty roles at a college
- Creates opportunity to become a Mentor





WHO

ATE PIs or other grant personnel with grant writing experience



WHAT

Engage in a year-long shadowing and learning experience with the Mentor-Connect Project to prepare to serve as a Mentor-Connect mentor



WHEN

December through proposal submission the following October



WHY

Help new-to-ATE 2-year colleges develop ATE proposals and give back to the ATE program by mentoring potential PIs



WHERE

Two workshops (travel support provided), mentor shadowing, and bi-monthly interaction with Mentor-Connect PI



HOW

Submit application (Part 1) via www.mentor-connect.org and email supporting documents (Part 2) to mentor-connect@fdtc.edu

Give back to ATE . . .

and continue to grow as a leader

<https://mentor-connect.org/be-a-mentor/how-to-become-a-mentor>



Tips for ATE Success

- Apply for mentoring help
- Use Mentor-Connect resources
- Submit an ATE grant proposal
- Join the amazing ATE Community

No cost to participants!





QUESTIONS



Webinar Evaluation

- Please complete the evaluation/poll
- Scroll down to make sure you answer all questions



HELP!



Connect with Mentor-Connect



www.Mentor-Connect.org



843.676.8541



mentor-connect@fdtc.edu



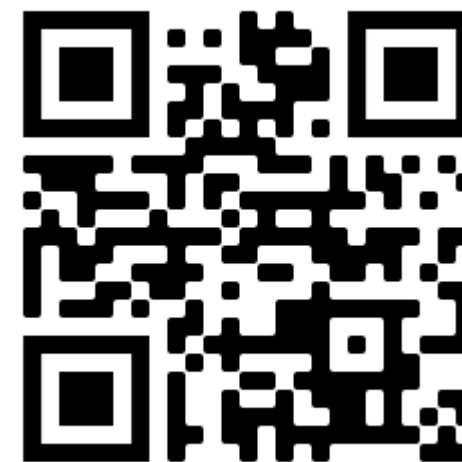
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Leadership Development and Outreach for ATE

NSF DUE #2227301

Elaine Craft, Principal Investigator

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FLORENCE-DARLINGTON
TECHNICAL COLLEGE

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