

# 2021 Co-Mentoring Application (Part 1)

Co-mentoring provides support from both an ATE Center and Mentor-Connect while developing an Advanced Technological Education (ATE) grant proposal for submission to the National Science Foundation. Co-Mentored teams benefit from discipline expertise from an ATE Center and technical expertise (e.g., grant proposal preparation, submission, funding process, and implementation) from Mentor-Connect.

**FACULTY TEAM:** It is a requirement of the NSF ATE Program that funded projects have two-year college faculty in leadership positions. To participate in ATE-funded mentoring, the two STEM faculty who teach in or in support of technician education programs are integral to this application and will be the primary recipients of training and mentoring. These faculty will learn how to construct a competitive grant proposal and then be leaders in project implementation if the proposal is funded.

**Application Deadline:** Submit any time after January 1, the earlier in the year the better, and no later than 90 days prior to the next NSF ATE proposal deadline for which you plan to submit a proposal.

**\*Notification of Selection:** Within 2 weeks of receipt of your application

Thoroughly review the “Prepare to Apply” steps for this application prior to proceeding with this portion of the application.

Multiple applications for mentoring may be submitted in a given year if faculty teams are from different technician education programs or related STEM disciplines at the institution. Colleges eligible for a small grant for institutions new to ATE will be encouraged to pursue an award in this funding track to improve the probability of funding success.

**\*NOTE:** The application cannot be saved and must be completed once started. Use the Google Forms downloadable PDF version as a preparation guide.

Applications are assessed using a formal rubric. The rubric includes factors such as alignment of the project idea with the goals of the ATE Program and STEM technician workforce preparation, relevant faculty experience, demonstrated industry/workforce need to be addressed by the project, diversity, and overall interest of the college and faculty applicants in the mentoring opportunity and ATE funding.

**\* Required**

## 1. Primary Contact Name

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2. Email Address \*

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3. College Name \*

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4. College Address (physical location) \*

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5. College Address 2 (mailing address- if applicable)

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6. Is the applicant institution primarily a 2-year, associate-degree-granting community or technical college? \*

*Mark only one oval.*

Yes

No

## 7. What is your college's NSF ATE grant award and proposal history? \*

*Check all that apply.*

- My college has been the recipient of an ATE grant award within the past 7 years (based on award .year)
- Different departments or programs were the focus of previous ATE grant awards to my college.
- This application is from a branch campus of a larger institution with its own chief academic officer.
- My college has submitted one or more ATE grant proposals that were not funded.
- My college has submitted one or more ATE proposals for which funding is pending at the time of this application.

## 8. Which ATE Center aligns most closely with your discipline? \*

*Mark only one oval.*

- InnovATE Bio (biotechnology)
- Micro Nano Technology Education Center (MNT-EC)
- National Center for Autonomous Technologies (NCAT)
- None of the above
- Other: \_\_\_\_\_

## 9. Target discipline for proposed project. \*

*Mark only one oval.*

- Agriculture, Environment and Natural Resources
- Biotechnology
- Chemical Processing and Refining Technology
- Energy Production and Energy Efficiency
- Engineering Technology
- Geospatial Technology
- Information and Communication Technology
- Information Assurance, Secure Logistics, and Forensics
- Manufacturing Technology
- Micro and Nano Technologies
- Teacher preparation
- Recruitment, retention, diversity, equity, inclusion
- Multiple disciplines
- Other: \_\_\_\_\_

## 10. ATE funding track of interest for your proposal

*Mark only one oval.*

- Small Grants for Institutions New to ATE
- ATE Project
- ATE Center or Resource Center
- ATE Targeted Research
- Unsure
- Other: \_\_\_\_\_

11. If predominantly Black or Hispanic serving institution, indicate approximate % of enrolled Black or Latinx students \*

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12. Proposed Project (500 word maximum): Describe the project idea that you want to develop into an NSF ATE grant proposal. Your statement should address the following questions. What is the disciplinary focus of your project? What is the project's primary goal? What steps will you take to accomplish this goal? What is the local or regional workforce need the project will address? What evidence to you have of this workforce need? Which local industries will collaborate with you to support your project? What kinds of support will they provide?

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13. Name of Faculty: Profile #1 (Principal Investigator, PI)

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14. Email address

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15. Phone Number

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## 16. Gender

*Mark only one oval.*

- Male
- Female
- Prefer not to say
- Other: \_\_\_\_\_

## 17. Race/Ethnicity

*Mark only one oval.*

- American Indian or Alaskan Native
- Asian
- Black or African American
- White or Caucasian
- Hispanic or Latino
- Native Hawaiian or other Pacific Islander
- Two or More Races

## 18. Faculty classification/Title

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## 19. College where employed

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## 20. Department

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21. Primary Teaching Discipline

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22. Academic Degrees or Equivalent Credentials (e.g., Professional Engineer License)

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23. Employment Status \*

*Mark only one oval.*

Permanent, full-time faculty

Adjunct or part-time faculty

24. Based on your typical teaching contract(s), what is your anticipated teaching schedule?

*Mark only one oval.*

12 month (or academic year plus summer contracts)

9-10 month academic year

summer only

Other: \_\_\_\_\_

25. How many total years teaching experience do you have?

*Mark only one oval.*

- 1 year or less
- 2-4 years
- 5-6 years
- 7-10 years
- More than 10 years

26. Faculty Personal Statement of Interest (150 words): Describe (1) your personal and professional interest in participating in Mentor-Connect to learn grant writing and leadership skills; and,(2) how an NSF ATE-funded project will enable you to improve your technician education programs and student success in those programs.

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27. Name of Faculty: Profile #2 (Co-Principal Investigator, Co-PI)

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28. Email Address

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29. Phone Number

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## 30. Gender

*Mark only one oval.*

- Male
- Female
- Prefer not to respond
- Other: \_\_\_\_\_

## 31. Race/Ethnicity

*Mark only one oval.*

- American Indian or Alaskan Native
- Asian
- Black or African American
- White or Caucasian
- Hispanic or Latino
- Native Hawaiian or other Pacific Islander
- Two or More Races

## 32. Faculty classification/Title

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## 33. College where employed

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## 34. Department

---

35. Primary Teaching Discipline

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36. Academic Degrees or Equivalent Credentials (e.g., Professional Engineer License)

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37. Employment Status

*Mark only one oval.*

Permanent, full-time faculty

Adjunct or part-time faculty

38. Based on your typical teaching contract (s), what is your anticipated teaching schedule?

*Mark only one oval.*

12 month

9-10 month

summer

term-by-term

Other: \_\_\_\_\_

39. How many total years teaching experience do you have?

*Mark only one oval.*

- 1 year or less
- 2-4 years
- 5-6 years
- 7-10 years
- More than 10 years

40. Faculty Personal Statement of Interest (150 words): Describe (1) your personal and professional interest in participating in Mentor-Connect to learn grant writing and leadership skills; and,(2) how an NSF ATE-funded project will enable you to improve your technician education programs and student success in those programs.

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Grant writers, sponsored research office representatives (SRO), and supportive administrators are encouraged to work with faculty on proposal development. Up to 2 additional members of your grant team may participate in mentoring sessions and benefit from technical assistance and resources that will be provided to mentee teams. Include information about additional team participants below:

**Grant Writer/SRO/Administrator Form #1**

41. Full Name

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42. Position/Title

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43. Institution Name

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44. Campus Address

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45. Email

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46. Cell Phone Number

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**Grant Writer/SRO/Administrator Form #2**

47. Full Name

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48. Position/Title

---

49. Institution Name

---

50. Campus Address

---

51. Email

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52. Cell Phone Number

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