



21ST CENTURY STEM TEACHERS SCHOLARSHIP PROGRAM



Application Procedure

To apply for the 21st Century STEM Teachers Scholarship Program, you must complete the following steps:

- Complete the application form.
- Write a personal statement (up to 500 words) describing your educational goals and your career goals. Please make sure to include the following information:
 - Your interest in and commitment to science or mathematics education.
 - The nature of your interest in teaching in a high-need or rural school district.
 - What you believe makes an effective STEM teacher of mathematics or science, based on your experience.
- Submit a current résumé that details your education, work experience, honors and awards, extracurricular activities, community activities.
- Step 4, *HIGH SCHOOL STUDENTS*: Provide a copy of high school transcript.
- Step 4, *UNIVERSITY STUDENTS*: Provide a copy of your current academic transcript and high school transcript.
- Step 5: Provide two letters of recommendation that address your academic achievement and potential for success as a STEM teacher. Hard copy letters must be in a sealed envelope with recommender's signature across seal. Electronic version of letters should be emailed from the recommender using a school or company email account to Dr. Lynn Bryan at labryan@purdue.edu

Email, send or hand-deliver your completed application form, personal statement, résumé, transcripts and recommendation letters to:

21st Century STEM Teachers Scholarship Program
c/o Professor Lynn Bryan
Director, Center for Advancing the Teaching and Learning of STEM
4140 Beering Hall of Liberal Arts And Education
100 N. University Street
West Lafayette, IN 47907
(765) 496-6622
labryan@purdue.edu

Selection Criteria

To apply for the 21st Century STEM Teachers Scholarship Program, you must meet the following requirements:

- Admitted to or currently enrolled in a Purdue University degree program with the intention of completing:
 1. A Baccalaureate degree in secondary (grade 7-12) science teaching¹, secondary mathematics teaching, or elementary education **AND**
 2. The integrated STEM education degree certificate.
- Have a GPA of 3.0/4.0 or greater at the time of application and maintain a minimum GPA of 3.0/4.0 during their degree program.
- Commit to teaching for a minimum of one year for each year of scholarship support in a high needs or rural school. Scholars will sign a contractual agreement that scholarship monies must be returned if teaching requirement is not completed.
- Attend full-time and work to complete your Bachelor's degree on time.
- Agree to provide tracking data and participate in a research study on teacher development until all requirements of the program are met. Purdue University will provide the appropriate forms and will work with awardees to submit the tracking information and complete interviews regarding growth and capacity as teachers.
- Be a U.S. Citizen or Permanent Resident Alien.

¹ i.e., biology teaching, chemistry teaching, earth science teaching, or physics teaching



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COMPLETE THE INFORMATION REQUESTED BELOW AND GIVE THIS FORM TO A PERSON WHO KNOWS YOU WELL (INSTRUCTOR, EMPLOYER, SUPERVISOR, ETC.) AND WHO IS NOT A MEMBER OF YOUR FAMILY. PLEASE ASK HIM OR HER TO COMPLETE AND RETURN IT TO YOU IN A SEALED ENVELOPE WITH HIS/HER SIGNATURE ACROSS THE SEAL, OR TO SUBMIT IT UNDER SEPARATE COVER VIA MAIL, CAMPUS MAIL, HAND DELIVERY OR E-MAIL TO PROFESSOR LYNN BRYAN, LABRYAN@PURDUE.EDU, BEERING HALL OF LIBERAL ARTS AND EDUCATION, 100 N. UNIVERSITY STREET, WEST LAFAYETTE, IN 47907.

Name of Student/Applicant _____

I understand that the following reference form is confidential and that it will only be used for the purpose of evaluating my application for a 21st Century STEM Teachers Scholarship.

Signature of Student/Applicant _____

Name of Reference _____

Title/Position _____

Address _____

Phone Number _____ **E-Mail** _____

To The Recommendation Writer: The above student is an applicant for a Purdue University 21st Century STEM Teachers Scholarship. We would like your candid assessment of the candidate's potential in the areas of academics, leadership, and commitment to mathematics or science teaching in high need or rural schools. In a brief letter, on official letterhead if relevant, please address the following:

- **How long and in what capacity have you known the student?**
- **What is your assessment of this student's ability effectively communicate mathematics or science concept to middle and/or high school students in diverse, high needs or rural classrooms?**
- **How does the applicant show leadership ability and potential?**
- **Are there any other qualities or experiences you feel make this student an outstanding applicant for an intensive, teaching-oriented scholarship of this nature?**

Return this form and your letter to the applicant in a sealed envelope with your signature over the seal to ensure confidentiality. Alternatively, you may email this form and your letter to Professor Lynn Bryan at labryan@purdue.edu. We ask that you send electronic communications from your school or company email account.

Thank you for your support of this student and your cooperation with her or his application.



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