



Goldwater Scholarship Pre-Application

All materials (detailed below) are due in the Honors College office (024 Founders Hall) or by email to Tiffany Menard, tmenard@bgsu.edu by 5:00 pm on Friday October 15th. Please feel free to submit answers to question 1-6 and the research essay as a separate word document.

You will be contacted by email regarding your nomination status. In addition to this packet, please also submit:

- ☐ A copy of your **unofficial** university transcript(s)
- ☐ A copy of your current resume
- ☐ Online Goldwater Pre-Application found at: <https://goldwater.scholarsapply.org/steps-in-process/> (Step 3)

Name _____ Student ID# _____

Email _____@bgsu.edu Telephone () _____

Major(s) _____ Minor(s) _____

Cumulative GPA _____ Number of college credits earned to date _____

Expected graduation date (month and year) _____

Graduate degree(s) sought _____

Recommendation writers (name and title of the individuals you plan to ask to write recommendation letters)

Activities: List college activities (student government, clubs and organizations, sports, publications, school-sponsored community service programs, student-faculty committees, arts, music, etc.). List in descending order of significance. Please list no more than eight college activities.

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Awards and Recognition: List awards, scholarships, publications, or special recognitions you have received. List in descending order of significance

What is the highest degree you plan to attain? In what field and when? Why this degree, in what ways will this help with your career goals/plans?

Please answer the following questions and develop a research statement (details are on pg 5). The research statement can be attached as a separate word doc.

1.) What makes you feel suitable to apply for the Goldwater Scholarship/how do you meet the qualifications for this scholarship?

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2.) What are your career goals and professional aspirations? Indicate which area(s) or mathematics, science, or engineering you are considering pursuing in your research career and specify how your current academic program and your overall educational plans will assist you in achieving your career goals and professional aspirations.

3.) Describe an activity or experience that has been important in helping shape or reinforce your desire to pursue a research career in science, mathematics, or engineering. Who/what inspired your interest in research?

4.) What impact do you want to have on your field? What kinds of change do you hope to make and how can your research career help toward that end?

5.) In what ways did COVID-19 or other hardships affect your research career plans and did those events alter your ability to pursue those plans? If COVID-19 did not influence your plans, simply state that there was no effect.

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6.) What are the three most significant courses you have taken in preparation for your career/research? Why?

7.) Describe the graduate program you intend to pursue. Why this program and this institution (if potential institution is known)? How will this program prepare you for your career goals?

Research Experience: Please provide the following information for each research project you have been involved in.

- Research Project Name/Title
- Starting and ending date of research project
- Average number of hours worked weekly
- Name of Project Mentor/Faculty and their title
- Description of research (emphasize your role and your contributions to the project as well as the outcomes)
- What skills were gained?
- Do you have any papers/publications associated with this research project?

Research Experience - continued

8.) **Research Statement** – Write a statement in which you thoughtfully discuss a significant issue and/or problem in your field of study that is of particular interest to you. Please make sure that you not only describe the issue/problem fully, but also explore the reasons why this issue/problem interests you (i.e., its relevance to you as a mathematician, scientist, or engineer). Furthermore, please identify and explain an idea for research that could have a significant impact on the issue/problem.

Note that the content and style of your essay will be important to the success of your scholarship application. Assume that your reader is knowledgeable in mathematics, science, and engineering and will have the expertise to read, review, and understand the complexities of your field of specialty, while also being understandable to a general science audience. Also, if your essay makes reference to research in which you are or were involved, then please indicate if you are or were the sole researcher, or if you collaborated with another individual. The research statement can be attached as a separate word doc.

Do not exceed 500 words

By signing and submitting this application, I confirm that I am a current BGSU student with Sophomore or Junior standing and have at least one more year of classes to complete at BGSU after the current academic year. *All applicants to the Goldwater Scholarship must be a college Sophomore or Junior.

Name _____ Signature _____

Date _____