BSI Scholars in STEM Undergraduate Research

First Time Applicants – Summer Application

Boulder Campus

BSI Scholars supports undergraduate students in gaining extensive STEM research experience. Undergraduates are paid an hourly wage and may earn up to the maximum amount of their award, $2,500.

Eligibility

- Undergraduates must be currently enrolled full time (12 credits) in a degree-seeking (Bachelor's) program at CU Boulder when applying (course enrollment not required during the summer)
- Undergraduates pursuing a science (STEM) degree receive priority
- Undergraduates cannot graduate before the end of the award term
- Undergraduates are not expected to have prior research experience
- Undergraduates must be available during the entire award term (see "Important Dates" box on the BSI website under Application Instructions) and are expected to participate in professional development seminars and activities throughout the program. Attendance at the orientation is required. Time away from campus this summer should not take place between mid-July and program end date.

Important Notes

Funding - Due to the limited availability of research funding for undergraduates on campus, students may not receive a BSI Scholars award in addition to another source of funding, such as a UROP or departmental grant, for their research at the same time.

Program Components - The program includes professional development seminars and activities throughout the award term that are designed to both inform and enrich the undergraduate research experience. In addition to attending these seminars, students are required to give an oral presentation of their work and complete a written scientific proposal at the end of the award term.

Background Check - The University of Colorado at Boulder is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final applicants being considered for employment. Background investigations include reference checks, a criminal history record check, and when appropriate, a financial and/or motor vehicle history. Students will not be accepted into the program until BSI receives an approved criminal background check from Human Resources.
Section A – Student Information

Full Legal Name
Last:     First:            Middle:

Student ID number:          CU employee number (if applicable):

Current Contact Information
Street Address or P.O. Box:
City:     State:           Zip:
Telephone:    Campus email address:

Birth date (year optional):    (mm/dd/yyyy)     Are you a first-generation student?
Yes          No
Gender:
Race/Ethnicity (optional):
Major(s):

Expected graduation (month/year):    Current cumulative GPA:

Current and projected credit hours in your schedule:
Spring:    Summer (if applicable):    Fall:

Where will you be performing the proposed BSI Scholar research (building and room#)? And/or if field work, list site location.

On average, how many hours do you expect to work each week on your research?

Will you have any other job during the summer (paid or volunteer)?
Yes    No

If yes, how many hours will you work per week at that other job?

Are you planning to be away from campus this summer? If so, please describe and provide dates/duration.

If your project is qualified for Crnic funding consideration, please check here.

First-generation: Please check yes if neither of your parents or guardians have a Bachelor's degree.
Section B – Student Questions

Please upload one response document containing your answers for questions #1 and #2 below. (A template containing these questions is available on the BSI Scholars webpage under “Application Instructions”.)

1. Please address the following points in an essay format (maximum 750 words).
   - What is your motivation for doing research?
   - Why do you wish to do research in this lab and participate in this type of research?
   - How would this research experience fit in with your future academic/career goals?
   - What (if any) experience do you have in a research laboratory and/or what qualifications/contributions do you bring?

2. Describe your past non-research work/volunteer experiences (maximum 500 words). What specific things did you contribute as an employee or volunteer? What specific things about your work/volunteer experience did you find rewarding? If you do not have a previous job/volunteer experience, please describe your contributions to an extra-curricular experience and what you found rewarding.

   Click on the button at right to upload your responses to questions #1 and #2.

3. Upload a screenshot or schedule of your summer classes, if applicable.
   - I will not be taking summer classes.

   If you will be taking summer courses, click on the button at right to upload your class schedule.

   If you will be taking summer courses, please list each class and the summer term you are taking it in:
Section C – Mentor/Lab Information
(Mentor must be Faculty or Research Associate/Post Doc)

Mentor:  
Department:  

Email address:  
Campus box:  

Student’s research project title:  

Will any one else have the primary responsibility of working with and training the student research assistant on a regular basis? If so, please provide their name and email address.

Name:  
Email address:  

This person is a: Graduate student  PRA  Other (please specify):  

The following questions should be completed by the Mentor in collaboration with the prospective BSI Scholar and uploaded below by the Mentor in a separate document.

1. Please describe the research in the laboratory.
2. Please describe the project the student will be assisting with and what their responsibilities will be.
3. If someone other than yourself will have the primary responsibility of working with and training the student, what are their qualifications? How will this BSI Scholar be integrated into the lab?
4. How do you view your role as a mentor and what can the student expect of you? What do you expect from the student as a research assistant?
5. Please indicate which of the following trainings the student will require for their project (e.g. animal care, hazardous material, radiation safety, etc.), and if they have already completed it:

Please upload this document here:

Certification

- Undergraduates awarded this opportunity must attend the mandatory orientation and professional development workshop series. Failure to attend sessions may result in expulsion from the program.
- All students must undergo a criminal background check before final acceptance into the program.
- We hereby certify to the best of our knowledge that the information furnished on this application is true and complete without evasion or misrepresentation. We understand that if found to be otherwise, it is sufficient cause for rejection or dismissal. We have read the requirements of this program and agree to its terms.

Mentors, please note: Some of the information contained in this application is confidential since it pertains to personal identity and is governed in part by FERPA. This application is maintained within a secure online system approved by CU Boulder. However, if you choose to download this information, you agree to safeguard its contents.