BSI Scholars in STEM Undergraduate Research

First Time Applicants – Academic Year
Boulder Campus

BSI Scholars supports undergraduate students in gaining 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
- 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

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 grant or departmental grant, for their research at the same time.

Program Components - As a requirement of this award, students are expected to participate in professional development seminars and activities throughout the program. These trainings are designed to both inform and enrich the undergraduate research experience. Please refer to the BSI website for dates and times. Students who are not able to attend the orientation will not be able to participate as a BSI Scholar. In addition, students will be required to give an oral presentation at the end of the award term, as well as complete a written assignment.

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/Family: First/Given: Middle:

Student ID Number: CU Employee Number (if applicable):

Current Contact Information
Full 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?

Gender: Yes No

Race/Ethnicity (optional):

Major(s):

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

Anticipated credit hours in your schedule:
Fall: Spring:

Do you anticipate defending an Honors thesis during the term of the award? Yes No

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 award term (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 CU Boulder for more than the regular semester breaks? If so, please describe (study abroad, extended vacation, etc.) and provide dates/duration.

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

We are fortunate to receive funding from the Linda Crnic Institute for Down Syndrome. If the project you are pursuing is Down Syndrome-related research, please check this box.
**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 of your fall schedule.**

Click on the button at right to upload your class schedule.
Section C – Mentor/Lab Information
(Mentor must be Faculty or Research Associate)

Mentor name:

Email address:

Department: Campus Box:

Student’s research project title:

Will anyone 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 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 her/his 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 if your student will require any trainings for his/her project (e.g. animal care, hazardous material, radiation safety, etc.) and if they have already completed it.

Upload this document here:
Certification & Signatures

Certification

- Undergraduates awarded this opportunity will need to attend the mandatory orientation and the professional development workshop series. Failure to attend these 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. If you choose to download this information, you agree to safeguard its contents.

_________________________  __________________________
Mentor                       Student