

2019 Bradley University BEST Research Internship Program

Applications received by March 15, 2019 will receive priority consideration.

GOALS AND OBJECTIVES

The goal of the BEST (Building Excellent Scientists for Tomorrow) Research Internship Program is to provide a foundation in scientific research appropriate for high school and college students interested in pursuing a career in basic or applied sciences, including biology, biomedical sciences, environmental sciences, physical sciences, and engineering. Opportunities for undergraduates include the added benefit of developing leadership skills and advancing scientific knowledge. All interns will have the opportunity to present their research at the Interns Symposium at the conclusion of the program.

This program will:

- Provide a mentored research experience that is challenging and stimulating;
- Broaden the Intern's technical skills, interactions with individuals from the scientific community, and educational and professional experience;
- Offer supporting information for the intern's career development; and
- Provide awareness of the employment opportunities in the field of science here in Peoria.

PROGRAM INFORMATION

Interns will complete a 150 to 300-hour internship during the program period June 4th* – August 2nd, 2019 (dates may vary slightly, as negotiated with program directors). Interns will work directly with a BEST mentor. BEST mentors that have participated in past years include researchers from Bradley University, the USDA Agricultural Utilization Lab, University of Illinois College of Medicine in Peoria, Caterpillar, ILM Consulting LLC, and Methodist College.

*this date will be adjusted if necessary, based on the actual last day of classes for local high schools.

FEE

The cost for the 2019 BEST program is \$1475. This fee includes all of the programmatic activities that the intern will participate in, including but not limited to: workshops, discussions, seminars, local field trips to field sites and medical institutions, and the Interns Symposium. A \$100 deposit must accompany the application. Checks should be made payable to: Bradley University Continuing Education. Applicants who are not accepted into the BEST program will receive a full refund.

Undergraduate students may opt to receive university credit in mentored (BIO 280) or supervised research (BIO 385) for additional cost (\$850 per credit hour). For more information, contact Sherri Morris at sjmorris@bradley.edu.

SCHOLARSHIPS

One or two \$500 scholarships will be made available to BEST research interns based primarily on financial need. Please complete and return the Scholarship Application, available on the center for STEM education website under K-12 students.

APPLICATION PROCESS

Applicants for the BEST Research Internship Program must:

- Complete the attached BEST Research Internship Program Application and a one-page personal statement
- Provide two letters of recommendation from teachers or other professionals who are acquainted with the students work habits, leadership skills, ability to work with others or potential for research success
- Provide a copy of high school or college transcripts (unofficial transcripts are acceptable for application but certified transcripts will be required to start the program).

Screening of applications will commence March 18, 2019.

Factors used in the selection process will include GPA, letters of recommendation, research experience, computer knowledge, and personal statements. All applicants must have a cumulative GPA of 3.0 or higher. Students selected to participate in the program will be invited to interview with mentors before their placement; however, final mentor-student assignments will be made by the program director. Changes to these placements will only be made for truly extenuating circumstances. **Students will be expected to participate in this program full time. (i.e. 35-40 hours per week between the hours of 8 to 5 Monday-Friday)**

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Mail applications and the refundable \$100 deposit, payable to Bradley University Continuing Education to the following address:

2018 BEST Program
Center for STEM Education
Bradley University
1501 W. Bradley Ave.
Peoria, IL 61625

For any further questions, contact Annie Tserendavaa; etserendavaa@mail.bradley.edu or Sherri Morris; sjmorris@bradley.edu.

BEST RESEARCH INTERNSHIP APPLICATION**I. PERSONAL INFORMATION**

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

TELEPHONE NO. _____ COUNTRY OF CITIZENSHIP _____

EMAIL ADDRESS _____

II. APPLICANT STATUS (circle one) High School Undergraduate

III. OPTIONAL

Completion of this section is voluntary. This information is valuable to the program and funding agency so please consider completing this section.

GENDER ____ Female ____ Male

ETHNICITY AND RACIAL BACKGROUND**ETHNIC GROUP**

Hispanic and/or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin, regardless of race

____ Yes ____ No

RACE (Choose more than one, if applicable):

____ **American Indian or Alaska Native:** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

____ **Asian:** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand and Vietnam.

____ **Black of African American:** A person having origins in any of the black racial groups of Africa.

____ **Native Hawaiian of Other Pacific Islander:** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

____ **White:** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

DISABILITIES OR SPECIAL NEEDS

Do you have any disabilities or special needs? (Handicap access, diet restrictions, etc.)

____ No ____ Yes, please explain: _____

V. HIGH SCHOOL EDUCATION

HIGH SCHOOL NAME _____

CITY _____ STATE _____ ZIP CODE _____

DATE OF DIPLOMA OR EXPECTED DATE OF GRADUATION _____

Circle One: I am currently a: Freshman Sophomore Junior Senior.

CUMULATIVE GPA _____ Will you be 15 by June 3rd 2019? Yes _____ No _____

VI. COLLEGE EDUCATION (if applicable)

INSTITUTION CURRENTLY ENROLLED IN _____

MAJOR/MINOR _____

TOTAL NO. OR CREDIT HOURS COMPLETED _____ CUMULATIVE GPA _____

(CHECK ONE) SEMESTER _____ QUARTER _____

VII. WORK EXPERIENCE (if applicable)

CURRENT JOB TITLE AND EMPLOYER _____

SUPERVISOR'S NAME _____

STARTING AND ENDING DATES _____

LIST ADDITIONAL CURRENT OR PREVIOUS JOBS ON A SEPARTE PAPER.

VIII. LABORATORY SKILLS (if applicable)

1) _____

2) _____

3) _____

4) _____

IX. AWARDS, HONORS

1) _____

2) _____

3) _____

4) _____

X. PERSONAL STATEMENT

Attach an additional sheet with your response to the following question or type your response on this page (ONE PAGE MAXIMUM)

HOW DO YOU FEEL A RESEARCH EXPERIENCE WILL BENEFIT YOU? What do you expect to be able to do or know that you don't know now by the end of this experience?