

3400 N. Charles Street, Baltimore, MD 21218

## **Biophysics Research for Baltimore Teens (BRBT) 2025 Information**

### **About the Program**

The Biophysics Research for Baltimore Teens (BRBT) program provides opportunities for high school students from Baltimore areas to experience hands-on biomedical research in a state-of-the-art research facility at Johns Hopkins University. BRBT paid internships are five days a week for five weeks – July 8 to August 8, 2025

BRBT interns experience the excitement of scientific discovery in a high-tech teaching laboratory equipped with the latest in research instrumentation under the guidance of a full-time instructor. BRBT's goal is to give the students confidence, mentorship, learn how to excel in the research laboratory, and to give them a pathway to a career in biomedical research.

BRBT brings together a mix of students and mentors, ranging from high school sophomores, juniors, and seniors to Johns Hopkins Undergraduates. In addition, students spend part of their time in Hopkins research labs with graduate students, postdoctoral researchers, and faculty. This exposure to a cross-section of scientists helps the high school students see a clear path from their current studies to a lifelong career in science.

### **Eligibility**

- Students are eligible to attend BRBT in the summer between their junior and senior year as well as their post-senior year summer. BRBT has the potential to be a two-year program.
- Must live within Baltimore City limits and attend a Baltimore City Public School to be eligible for YouthWorks funding support.
- We also have limited spots for those living in the surrounding counties to Baltimore City.
- Must have taken Chemistry by summer 2025. Biology and Physics coursework recommended.
- The hourly pay rate is \$15 per hour.
- Interns must commit to work 25 hours a week. The hours are 10:00 AM-4:00 PM, Monday-Friday.
- Further details will be provided at the Orientation Session.

### **Application Process**

Please fill out the application on pages 3 and 4, attach a written statement (200 - 250 words) describing why the BRBT program matches your interests and why it will help you achieve your college and career goals, and submit it to your science teacher who is supporting your application. A letter of recommendation from your science teacher must accompany your application. Your science teacher must submit your application, written statement, a copy of your unofficial high school transcript, and their letter of recommendation to Liz Wilson: ewilso75@jhu.edu.

### **Required forms**

- Application (see pages 3 and 4)
- Copy of unofficial high school transcripts
- Written statement (200-250 words)
- Letter of recommendation from your science teacher
- Name and email of a second teacher or counselor
- Copy of your resume

Your science teacher should email your completed application as a PDF attachment to: [ewilso75@jhu.edu](mailto:ewilso75@jhu.edu).

Your application will be reviewed by BRBT's Application Review Committee. Applicants who are asked to continue with the application process, must complete the following:

1. Complete the JHSJP Interest form and the YouthWorks application (link to application on page 4).
2. Complete the Johns Hopkins Summer Job Program Criminal Background Check (if 18 years or older).
3. Attend and complete the Verification appointment with YouthWorks.
4. Attend Interview Session with Johns Hopkins.
5. Attend Occupational Health Screening for TB testing (and be cleared) with Johns Hopkins.
6. Attend Orientation Session (if cleared by Occupational Health).
7. Attend Meet and Greet Session.

**BRBT 2025 Application Deadline for YouthWorks support is 2/15/25**

**BRBT 2025 APPLICATION**

**General Information**

\*Please print\*

Last Name: \_\_\_\_\_ First Name & Middle Initial: \_\_\_\_\_ DOB: \_\_\_\_\_

Home Address: Street: \_\_\_\_\_ City: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Home Phone Number: \_\_\_\_\_ Cell Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Gender: Male \_\_\_\_\_ Female \_\_\_\_\_ Prefer to Self-Identify \_\_\_\_\_

Has anyone in your immediate family matriculated to college (obtained post-secondary education)?  
Circle one - Yes / No

If so, what is their highest level of education? \_\_\_\_\_ Relationship: \_\_\_\_\_

Do any of the below apply to you? (Please check all that apply):

•Socioeconomically under-resourced (e.g., low/moderate income (< 200% of Federal poverty limit)) \_\_\_\_\_

•Educationally under-resourced (e.g., First generation college, from a school where the majority are Free and Reduced Meals eligible, single parent household, household has dealt with incarceration or addiction, etc.) \_\_\_\_\_

Parent/ Guardian Information:

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Home Address: Street: \_\_\_\_\_ City: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Home Phone Number: \_\_\_\_\_ Cell Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ Gender M/F: \_\_\_\_\_ Relationship: \_\_\_\_\_

**School Information**

Name of Current High School: \_\_\_\_\_ Current Grade (11,12): \_\_\_\_\_

Expected Graduation Year: \_\_\_\_\_ Cumulative GPA: \_\_\_\_\_ Quarter 1 GPA: \_\_\_\_\_

Honors/Awards: \_\_\_\_\_  
\_\_\_\_\_

Science Coursework Taken to Date: \_\_\_\_\_  
\_\_\_\_\_

Sports, Extracurricular Activities, Student Organizations, Community Service: \_\_\_\_\_  
\_\_\_\_\_

Have you ever been charged with any crime or received a criminal citation, regardless of the outcome? If so, what was the outcome and why? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## BRBT Supplemental Questionnaire

1. Do you have a bank account? (Circle one) Yes / No

We recommend that if you do not have a bank account, that you set one up so that your checks can be deposited directly into your account.

2. Age as of July 8, 2025 (Program start) \_\_\_\_\_

3. Is the parent/guardian whose information is listed on page 3 also the person to contact in the event of an emergency? Yes / No If no, please provide the name and phone number of emergency contact:

\_\_\_\_\_

4. Emergency Contact's Full Name (Please answer this question if you selected "NO" to question 3)

\_\_\_\_\_

5. Emergency Contact's Home Phone (Please answer this question if you selected "NO" to question 3)

\_\_\_\_\_

6. Emergency Contact's Cell Phone (Please answer this question if you selected "NO" to question 3)

\_\_\_\_\_

7. Emergency Contact's Work Phone (Please answer this question if you selected "NO" to question 3)

\_\_\_\_\_

8. Emergency Contact's E-mail (Please answer this question if you selected "NO" to question 3)

\_\_\_\_\_

### **Certification**

I certify that I have read BRBT's eligibility requirements. I confirm that (i) I am eligible to apply, (ii) I am aware that this is a paid internship where I will be required to work five days per week, for five weeks (iii) I am able to show up on time, ready to work each day, (iv) I have discussed this with my parent(s)/guardian(s) and they are aware of my commitment to the program. If accepted, my parent(s)/guardian(s) will support my participation in the BRBT program. Further, my parent(s)/guardian(s) are willing to complete a signed letter of support, and (v) I give permission to BRBT's application review committee to review my unofficial transcript with my application.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### **The Johns Hopkins Summer Jobs Program (JHSJP) Partnership with YouthWorks**

This application can be found at <https://youthworks.oedworks.com/>

The YouthWorks application period runs January 2 – April 4, 2025

To be considered for placement with JHSJP, students must select "Johns Hopkins" as a Career Interest Placements are limited, *we ENCOURAGE students to apply and complete YW application as soon as the application becomes available to increase your chances of being placed with Johns Hopkins.*