



Medical Education Resources Initiative for Teens, Inc.

Baltimore, Maryland
Web: www.MERITBaltimore.org

MERIT/BUGSS Bioengineering and Math (BMI) Internship Lab Science Instructor Job Description

Who We Are

MERIT Health Leadership Academy is a non-profit organization dedicated to transforming Baltimore City high school students into health care leaders by preparing them for success in college and beyond. MERIT scholars cultivate a deep understanding of their individual roles in solving health disparities through three years of intensive programming including weekly Saturday sessions, summer internships, and longitudinal mentoring. Scholars graduate with a burning passion for achieving health equity, a clear vision of how to reach their goals, a toolkit of knowledge and skills necessary for earning undergraduate and graduate degrees, and a close-knit community of peers and mentors who will continue to work collaboratively toward their collective goal of becoming community change agents. For more information, please visit our website at www.meritbaltimore.org

Who We're Looking For

The Bioengineering and Math Internship (BMI) Science Instructor will work closely with BUGSS and MERIT staff to implement a five-week learning experience for rising sophomores, who will apply to become MERIT Scholars in the fall. Each day students in the program will spend half their time learning math in the JHU Armstrong Medical Education Building and the other half of the day working in the BUGSS laboratory. The Science Instructor will implement a hands-on science curriculum, designed by the BUGSS team. Lessons will be 2.5 hours each day, and the instructor will lead the lesson twice, with two groups of students, separated by a one-hour lunch/travel break. The instructor must have basic proficiency in laboratory techniques and be comfortable leading a group of 15 students at a time. The instructor will be supported by three teaching assistants who will be responsible for coordinating transportation, managing lunch, taking attendance, grading, data entry, etc. Additionally, the teaching assistants will provide instructional support at the discretion of the instructor.

Specific Qualifications

- Bachelor's or graduate degree in science field (required).
- Research experience working in a hands-on bioengineering or basic science lab setting (required). • Experience working with adolescents and/or high school students (required).
- Proficient in basic Microsoft Office Applications: Excel, Word, PowerPoint (required). • Experience leading groups of students as a teacher or instructor (highly preferred)
- Experience with basic lab safety requirements and procedures (biosafety level 1)
- Proficiency at the following lab techniques: pipetting, solutions and dilutions, making gels, bacteria cloning, sterile technique and culturing of bacteria, etc. (preferred, but not required).

Location: Baltimore Underground Science Space (101 N. Haven St., Baltimore, MD 21224)

Times: 9:00 am – 3:00 pm, Monday – Friday

Dates: Monday - Thursday , July 10th – August 11th, with 2 - 4 mandatory training sessions/meetings in May – June

Reporting: The BMI instructor will work daily with MERIT’s Program Manager to ensure successful program implementation, and will report to MERIT’s Program Manager weekly to ensure program outcomes and success.

How to Apply

- 1) Gather together your resume and cover letter. Please save the attachments as *FirstName.LastName.Resume* and *LastName.LastName.CoverLetter*. Email christine.redline@meritbaltimore.org with the subject line: *SY23 BMI Science Instructor*.
- 2) Your cover letter should highlight: 1) Your content knowledge and familiarity with community health/engagement and/or non-profit work, 2) Your experiences in an education/teaching/facilitation environment, 3) Your experience working with students (Please specify student age, location, and context).

Hiring Steps:

1. **30-Minute Conversation:** Those under consideration will be scheduled for a 30-minute conversation with members of MERIT staff.
2. **Sample Work Product:** If you are asked to go to the next round, you will be asked to provide a sample work product.
3. **Invitation to visit program:** You may be invited to visit our Saturday program during the spring semester. If you are not selected to proceed to the next step, you will receive an email notification.
4. **Hiring Notification:** You will be notified of a final decision via email.

Contact: If you have any questions, please contact our Program Director, India Leach (india.leach@meritbaltimore.org).