



Medical Education Resources Initiative for Teens, Inc.

Baltimore, Maryland

Web: www.MERITBaltimore.org

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

Who We Are

MERIT Health Leadership Academy is a non-profit that works to educate and empower high school students from underrepresented backgrounds to become health professionals and change agents who advance equity. MERIT Scholars engage with advanced academic content, gain exposure to a variety of health careers, and prepare for all aspects of the college application process through three years of intensive programming including weekly Saturday classes, summer internships, and longitudinal mentoring. Scholars graduate with a vision for their careers, 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 college graduates, health professionals, and 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).

Compensation: \$6500

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

Dates and Times:

- **Core Programming:** July 5 – August 5, Monday through Friday (8:30-3)
- **Student Orientation:** The instructor must be available to support student orientation to be scheduled on certain dates/times June 30 - July 2.
- **Training and Prep:** Professional development with MERIT staff and curriculum review/planning will be scheduled in May - June at times that work for the instructors schedule.

Reporting: The BMI Instructor will report to MERIT's Program Manager.

How to Apply

1. Gather together your resume and cover letter. Please save the attachments as *FirstName.LastName.Resume* and *LastName.LastName.CoverLetter*.
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).
3. Apply by filling out the online application: <http://bit.ly/MERIT-Program-Staff-Application>. Indicate the position you are applying for as "Community Health Instructor" from the application dropdown menu.

Hiring Step4s:

1. **Interview:** If you are selected to proceed to the next step, you will be invited for a zoom or in-person interview. A follow-up interview, work sample, and/or program site visit may be requested as needed.
2. **Hiring Notification:** You will be notified of a final decision via email.

Contact: If you have any questions, please contact our Program Director, Agzja Carey at agzja.carey@meritbaltimore.org