

Position: Mobile Laboratory Instructor

Organization: MdBio Foundation, Inc.

**Mailing Address: 9713 Key West Avenue, Suite 100
Rockville, MD 20850**

Reports to: Senior Director of Education and Workforce Programs

Job Description

The Mobile Laboratory Instructor is an enthusiastic individual who presents laboratory inquiry-based activities in a mobile bioscience-learning laboratory for high school students and teachers. The Instructor provides instruction to high school students and teachers aboard the MdBioLab, a custom designed mobile bioscience laboratory inside a 45-foot tractor-trailer that travels to schools throughout Maryland. Instructors present current and relevant hands-on laboratory activities to students. This is a full-time, year-round position.

Responsibilities include:

- Teaching age appropriate laboratory bioscience activities and extended or enrichment opportunities to Maryland students
- Laboratory preparation, set-up and clean up
- Develop, write and present bioscience curriculum, activities and materials
- Coordinate and conduct professional development for educators
- Coordinate and schedule moving, location and routine vehicle maintenance for the MdBioLab
- Track equipment, supply and reagent levels and order as necessary; includes monitoring vendor accounts, pricing and completing and submitting purchase orders
- Inspect laboratory instruments and equipment and test periodically to ensure functioning within specified standards. Coordinate and schedule all necessary repairs and preventative maintenance as needed

Position requirements:

Minimum of a B.S. in science or education and one year of laboratory science or teaching science required. The Instructor must have familiarity with micropipettes, recombinant DNA technology, agarose gel electrophoresis and other basic molecular biology techniques or high school classroom equivalent.

This position requires an individual with outstanding customer service and attitude who is friendly, outgoing and has the ability to work well as part of a team. The Instructor must be able to work independently, with initiative to manage own workload without much supervision. They must also be flexible and adapt well in unpredictable situations.

Extensive travel with possible overnight stays throughout Maryland is required. The Instructor must have own transportation and be available for day, evening and occasional weekend functions. The position reports to the Director of Education and Workforce Programs and will be based on the MdBioLab.

The MdBioLab (www.mdbiolab.org) is the flagship program of the MdBio foundation, a private non-profit organization dedicated to advancing the growth of bioscience in Maryland with a special emphasis on education, training and communications. MdBio foundation is an affiliate of the Tech Council of Maryland (www.techcouncilmd.com).

To apply:

Submit a current resume with statement of qualifications to Jennifer Colvin (jcolvin@techcouncilmd.com).