



**Massachusetts
Biologic
Laboratories**

**305 South Street.
Jamaica Plain, MA 02130
617-983-6208**

Community Outreach Internship Program

QC Molecular Biology paid Co-op: January – July 2009, full time

**For immediate consideration please email a Word document version of your resume to
jessica.sedan@umassmed.edu**

Application deadline: October 17, 2008

The Massachusetts Biologic Laboratories (MBL) located in Boston, Massachusetts, is the only non-profit FDA-licensed manufacturer of vaccines and biologics in the United States. For over 100 years, MBL has worked to improve public health through applied research, development and production of biologic products, including vaccines and plasma derivatives and most recently, monoclonal antibodies (MAbs). In 1997 the State Legislature transferred MBL from the Massachusetts Department of Public Health to the University of Massachusetts Medical School. MBL administration works closely with the Medical school in scientific collaborations, technology management and creating partnerships for the development of products.

As an equal opportunity and affirmative action employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

Job Description

In this role you will be assisting our Quality Control group with one or more activities related to assay development, clinical serology, lot release and stability testing of vaccines and/or therapeutic monoclonal antibodies. Job responsibilities include preparation of reagents and buffers, preparing samples and running ELISA assays, biochemical protein analyses and potentially cell based assays. All included is collecting and analyzing data, documenting results in laboratory notebook and/or formal written reports. You will learn how immunoassay testing contributes to the overall quality system regulated by the FDA to ensure that safe and effective vaccines and biologics are produced, gaining experience of working in a GLP/GMP laboratory environment.

Eligibility requirements

- Bachelor's degree in progress in Biochemistry or related discipline
- Hands on lab experience with molecular biology and biochemistry lab techniques such as PCR, Western Blots, SDS PAGE, IEF, cell culture and ELISA. Completion of suitable lab coursework credits will be considered. Additional lab experience an advantage.
- Excellent written documentation skills
- **Resident of one of the following zip codes: 02118, 02119, 02120, 02121, 02122, 02124, 02125, 02130, 02126, 02131, 02136, 02137 (These zip codes cover Dorchester, Roxbury, Jamaica Plain, Hyde Park, Roslindale and Mattapan, MA) School or home address can meet this requirement.**
- Hepatitis B vaccine & bloodborne pathogen training must be demonstrated or undertaken before beginning of co-op.