

# **Graduate Teaching Assistant Position for Lyman Briggs College: Introductory Cell and Molecular Biology (LB145)**

**Semester: Fall Semester 2009**

**1/2 Time Position (Approximately 20 Hours/Week)**

**Salary as per GTA Contract**

## **Job Description:**

This is an excellent opportunity to obtain experience in innovative teaching pedagogies such as cooperative learning and inquiry-based laboratory investigations. LB145 is the Introductory Cell and Molecular Biology course taught in Lyman Briggs College. The laboratory portion of the course is primarily inquiry-based. Students work in research groups and to formulate hypotheses and the means by which to test them. LB145 Graduate Student Teaching Assistants (GTAs) are full partners in the teaching of this course. GTAs in LB145 work with the primary course instructor(s) and a team of Undergraduate Learning Assistants (LAs) to provide an authentic experience in cell and molecular biology research. Specific responsibilities of LB145 GTAs are flexible but include primary responsibility for the supervision of the LA team. In addition, GTAs generally teach, as a member of a team with one LA, two combined lab sessions per week (3h/session) and/or recitation sessions (50min/session). GTAs attend a weekly meeting with the course instructor and, in conjunction with the course instructor, develop the recitation/lab lesson plan, run the weekly LA meeting, and make appropriate preparations for the recitation/lab sessions. GTAs have a significant student contact by virtue of overseeing the independent investigations of students in his/her recitation/lab. All LBC GTAs hold office hours and are required to participate in a TA workshop to be held prior to classes starting (sometime between August 17 and 28, 2009).

## **Required Background:**

Applicants should have a broad background in cell and molecular biology and have experience with all aspects of conducting research (e.g., scientific method, experimental design, data analysis, writing, and poster presentations). In addition, the successful applicant will have good written and oral communication skills and be enthusiastic about cell and molecular biology. Successful applicants will also have a sincere interest teaching and learning.

## **Application Procedure:**

Apply by e-mailing Dr. Cori Fata-Hartley ([fatahart@msu.edu](mailto:fatahart@msu.edu)) regarding your interest, background, and availability for Fall Semester 2009. Please attach a current CV to your e-mail. Please feel free to make an appointment if you wish to discuss specific responsibilities or visit the lab facilities in Holmes Hall.

**Deadline: June 1, 2009, or until a suitable candidate is found**