

## **Biochemistry and Molecular Biology 101 (BMB 101): Meet the Profs**

This course is designed to acquaint BMB majors with BMB faculty and facilities. A major focus of the department is research, and there are excellent opportunities for independent study with BMB faculty. Meeting the faculty in BMB 101 is an opportunity to learn about faculty research interests. You will be encouraged to navigate the BMB web pages to learn more about the department, its research and educational programs. Interested students are encouraged to talk with faculty about pursuing independent research projects. Practical laboratory training will advance a student's education and improve a resume. Working in a laboratory is fascinating, fun, and enriching. It is also a great way to "shrink" the size of a huge University and to meet interesting people.

BMB 101 students are also encouraged to attend Biochemistry Colloquia (Thursdays, 11:30 a.m. in rm 101 Biochemistry) and Biochemistry & Molecular Biology Club events (check with the Undergraduate Office in rm 105 Biochemistry for dates and times). Extra credit may be earned by documenting attendance at these events (see below).

### **BMB 101 Calendar** (Lectures are Thursday afternoons 3:00-3:50 in rm 101 Biochemistry)

Date	Faculty Presenter
Sept 3	Dr. Laurie Kaguni
Sept 10	Dr. John LaPres
Sept 17	Dr. Min-Hao Kuo
Sept 24	Dr. Christoph Benning
Oct 1	Dr. Tom Sharkey, BMB Chairperson
Oct 8	Dr. Beronda Montgomery-Kaguri
Oct 15	Dr. Claire Vieille
Oct 22	Dr. Charles Hoogstraten
Oct 29	Dr. Michael Garavito
Nov 5	Dr. Honggao Yan
Nov 12	Dr. Justin McCormick
Nov 19	Dr. Michael Feig
Nov 26	Thanksgiving Day Holiday
Dec 3	Dr. Eric Hegg
Dec 10	Student Response

Student Preparation:

For each Faculty Presentation (estimated 30 to 45 min preparation)

Access the Faculty Presenter's Website, Lab Page, and Research Descriptions

<http://www.bch.msu.edu/>

Biochemistry and Molecular Biology

<http://www.prl.msu.edu/>

Plant Research Laboratory

<http://www.ns.msu.edu/genetics>

Genetics Program

<http://www.msu.edu/unit/mic/www-mic.html>

Microbiology

Preview any notes and materials

Evaluation:

Essays 6 X 20 points = 120

Prepare a **typed** response of <750 words to each of six essay questions given by the Faculty Presenters and posted on ANGEL (due at the **beginning** of the following class period). You **must** complete two essays by **October 8**, two by **November 5**, and the final two by **December 10**. Essays that are not **typed** or have many grammatical or spelling errors will not be evaluated. **Late essays will not be evaluated**. If for some reason you will not attend the class in which the assignment is due, you **MUST** turn in the essay to Dr. Kaguni **before** that date.

Class attendance: 13 X 4 points = 52

You must sign in **before** the start of class.

Extra credit (up to 6 points) = 3 points for attending a Biochemistry and Molecular Biology Club event, and/ or 3 points for attending a Biochemistry Colloquium presentation (send an email **within one week** after participating to [lskaguni@msu.edu](mailto:lskaguni@msu.edu), describing **specifically** in a paragraph or two the event and what you learned to obtain credit). The deadline for extra credit reporting will be **December 10**.