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### BCH 694.01: Biomolecular Structure and Dynamics Seminar

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# Syllabus

## BCH 694: Biomolecular Structure and Dynamics Seminar

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### COURSE INFORMATION:

CRN: 7133  
Credits: 1 (C/NC)  
Term: Spring 2015

### INSTRUCTOR CONTACT INFORMATION:

#### Brent Ryckman

Department: Biological Sciences  
Office: Interdisciplinary Science Building (ISB) 215  
Phone (Lab): 406-243-6948  
Email (preferred): brent.ryckman@mso.umt.edu  
Office hours: by appointment.

### LEARNING OUTCOMES:

Students will:

- 1) Expand their knowledge of current biochemistry / molecular biology research.
- 2) Develop skills of critical analysis through writing summaries of attended seminars.
- 3) Develop critical thinking skills through active participation and asking questions of seminar speakers.
- 4) Extend their network of scientific contacts.

### COURSE REQUIREMENTS:

1. Attend at least eight (8) "outside-speaker" seminars during the semester. You make choose the seminars based on your schedule availability and/or your scientific interests. Most likely choices for you will be the weekly seminar series sponsored by either the Dept. Of Chemistry and Biochemistry, or the Program in Cellular Molecular and Microbial Biology (CMMB). Here is a link to seminar schedules (note that is has not been updated yet for the Fall 2014)

[Department and Graduate Program Seminars <http://www.umt.edu/grad/bcbcprograms/events.php>](http://www.umt.edu/grad/bcbcprograms/events.php)

***Note that graduate student "data-club" seminars DO NOT count.***

2. While the instructor trusts you to attend, we need some formality. And since you have your choice of seminar, there is no way for the instructor to "take attendance." SO... for each seminar you attend, you must write a short summary (just do your best if you don't fully understand the talk). Include:

- a) The name of the speaker
- b) Title of seminar
- c) Date and location of seminar
- d) 200-300 word summary of the seminar
- e) One question from the audience and the answer given
- f) Question asked by YOU and the answer given (*for at least one (1) of the eight (8) seminars attended; see point three (3) below for more details on this requirement*)

**This summary should be uploaded to the Moodle shell within one week of the seminar.** If you do not know how to access the Moodle shell, ask the instructor (*Or an undergrad! They have to do this all the time!*).

3. Ask at least one question, during one of the seminar question sessions. Include record of this in the seminar summary you turn in (point "f" above).

## **Disability Services**

The University of Montana assures equal access to instruction by supporting collaboration between students with disabilities, instructors, and Disability Services for Students. If you have a disability that requires an accommodation, contact either of us at the beginning of the semester so that proper accommodations can be provided. Please contact Disability Services for Students if you have questions, or call Disability Services for Students (DSS) for voice/text at 406.243.2243. You may also fax the Lommasson Center 154 for more information at 406.243.5330.