

Spring 2-1-2019

BCH 694.01: Biomolecular Structure & Dynamic Seminar

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Recommended Citation

Ryckman, Brent J., "BCH 694.01: Biomolecular Structure & Dynamic Seminar" (2019). *Syllabi*. 9235.
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Syllabus

BCH 694: Biomolecular Structure and Dynamics Seminar

COURSE INFORMATION:

- CRN: 32250
- Credits: 1 (C/NC)
- Term: Spring 2019

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:

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

COURSE REQUIREMENTS:

1. Attend at least **ten (10)** formal research seminars during the semester (note: in the event that the seminar series for the semester does not offer a full schedule, the requirement of 10 may be adjusted by the instructor). You may choose the seminars based on your schedule availability and/or your scientific interests. However, the likely relevant weekly seminar series are those sponsored the Dept. Of Chemistry and Biochemistry, the Program in Cellular Molecular and Microbial Biology (CMMB) and the Dept. of Biomedical and Pharmaceutical Sciences (BMED). Seminar announcements are made via email and bulletin board postings. See the [MBS Events](#) website for up-to-date schedule information. If you are unsure, ask other students or your professors. The following types of talks will not count: graduate student “data-club” seminars, Ph.D. Thesis defenses, more than one talk at a research retreat/symposium.
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 give
 - 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*)

Alternatively, you may use the questionnaire form provided on the Moodle shell.

3. **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!*).

4. 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.