

# Biochemical Communications (11:115:491/492)

Expected time schedule each semester -  
016 Lipman Hall 9:15 -12:00

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## Course Schedule

The specific dates of each lecture are posted on the canvas site, near the beginning of the semester.

### Date of Lecture

Introductory Lecture and Course Requirements.

#### **What makes a good oral presentation?**

Identify a topic or area for your first presentation. Bring in review paper(s) for discussion. Discuss writing abstracts

No Class! Work on preparing your first talk!

Oral presentation of a **REVIEW** or **GENERAL TOPIC** (20 min.):

Each presenter must provide the paper the week **PRIOR** to the talk. **All** students must have read the paper and provide two questions to be handed in concerning the paper. Each presenter must also hand out an abstract for the presentation.

**Presenters:**

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**Presenters:**

Specific discussion of a research paper and how to put a poster together. Materials and Methods and Results section with data will be provided and you will have to write an Abstract, Introduction and Discussion of the data.

**First Draft IS DUE Before thanksgiving break .**

Second oral presentation on a **RESEARCH PAPER**: Same requirements as stated above for the class and presenter, but can NOT be a Review.

**Presenters:**

**Presenters:**

**Presenters:**

**Presenters:**

You should be going to seminars and writing your paper!

Final Papers are due based on supplied Materials and Methods and Results. All 4 seminar reviews are due along with re-written paper if required on the paper.

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### Learning goals:

1. Improve confidence and quality of oral presentations in science.
2. Learn to critically evaluate peer-reviewed scientific papers in the topic of Biochemistry.
3. Be able to convey this knowledge of scientific papers and data in both oral and written formats.

### Course Assessment:

Grading is based on class participation and attendance (10%), two oral presentations (50%), Paper (30%), and four outside seminar write ups (10%).

**Class participation** is based on the student asking questions of the student on the presented topic and turning in two quality written questions. The paper that is the basis for the talk will be submitted a week prior to the talk and should be read by the students in class to help formulate questions. The papers will be posted on the Sakai Site. Papers for presentation need to be submitted on time; failure to do so will affect your overall grade.

**Attendance** is mandatory and missing class will result in 5% loss for each infraction.

**Oral Presentations:** All talks will be given using Power Point. The first set of talks can use a review article or a more general paper, but the second talk **MUST** be a research paper. The papers must be from peer reviewed journals published after 2009 and should be on a topic that relates to biochemistry. You are encouraged to use more than one paper to augment the presentation, but the one supplied for posting on the site should be the primary paper.

**Written Assignment:** The abstract, introduction and discussion will be graded for content, and clarity of writing. Comments will be returned to the student and corrections can be made.

**Attending Seminars outside of Class:** You are required to attend **four** biochemistry related seminars outside of class. Submission of a short paragraph on each seminar attended, including date, topic and presenter name, will be expected by the last day of class. These are due on Dec 11 th so do not put off going to seminars!

**Class cancellation:** if the class needs to be cancelled due to weather or some other issue it will be posted on the Canvas Site and you should receive an email.