Biochemical Communications (11:115:491)

Fall 2015

016 Lipman Hall 9:15 -12:00

Dr. Lori White
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Course Schedule

September

8* Introductory Lecture and Course Requirements.
What makes a good oral presentation.

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

21 **NO CLASS**

28 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: Amado, Ganapolsky, Liu, Poddar

October

5 **Presenters:** Barone, Lam, Rudnick, Vincent, **P. Patel**

12 **Presenters:** Earle, Maksymiv, Shi, Wetstein

19 **Presenters:** Nordin, Leedom, Newton, Sinko, **R. Patel**

26 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 NOVEMBER 23th .**

November

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

	Presenters: Amado, Ganapolsky, Liu, Poddar
9	**Presenters:** Barone, Lam, Rudnick, Vincent, **P. Patel**
16	**Presenters:** Earle, Maksymiv, Shi, Wetstein
23	**Presenters:** Nordin, Leedom, Newton, Sinko, **R. Patel**
30	No Class: you should be attending seminars and writing the paper!

December

7	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. Become proficient in data interpretation and be able to convey this knowledge 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** "biochemically related" seminars outside of class in which you will use the in class evaluation form and type up a short paragraph on what the topic was and how it was presented based on your evaluation. These are due on Dec 10th 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 Sakai Site and you should receive an email.