Seminar: Molecular and Cell Biology, Fall 2018

Section 003, "Topics in Cell Migration and Motility"
Wednesdays, 4:00 – 4:50pm
Lapham Hall 185

Contact information:
Instructor: Dr. Douglas Steeber  
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Office Hours: by appointment

Prerequisites:
Graduate standing.

Required Materials:
The journal article for each week’s presentation and discussion will be posted on the course D2L site. A more general review article covering the chosen topic must also be provided to help others understand the research article.

Format:
We will conduct the seminar series as a journal club covering “Topics in Cell Migration and Motility.” Student groups of 2-3 will pick original research articles published within the last five years. Each group will be responsible for presenting enough background for the rest of the class to understand the experiments performed and the significance of the article and leading the subsequent discussion. All enrolled students are required to read each paper for the week and actively participate in the discussion. If during the semester I feel this requirement is not being met all students will be required to turn in a one page summary of the article being presented at the start of class.

In choosing your article for presentation, keep the broad range of interests of the group in mind. You would like your article to provide stimulating, useful information to audience members whose area of research in Cell & Molecular Biology is very different from your own. One way to ensure broad appeal is to choose your article from a journal with broader readership. Note that papers published in Science and Nature can be more difficult to present due to the short format style. Try to aim for maximum suitability for your entire audience when you make your final paper selection.

Grading:
Grades will be based on group presentations (75%) and participation in all class discussions (25%).

Attendance: It is expected that all students will attend and participate in each class regardless of whether they are scheduled to present.
Expectations:
This 1-credit course meets for 1 hour per week during the semester. Students are expected to put in a minimum of 2 hours per week preparing for presentation of their paper or reading the assigned papers to achieve the learning goals of this course.

Additional Information: The Office of the Secretary of the University has created a Web page containing information on policies and procedures related to exams, incomplete grades, religious holidays, discriminatory conduct, student misconduct, grade appeals, and students with disabilities that can be found at: