

**SEMINAR IN MOLECULAR EVOLUTION (ZOO 6927)
SECTION 076G, FALL/2014, 2 CREDITS**

INSTRUCTOR

Dr. Michael M. Miyamoto, Professor, Department of Biology
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Office hours: Thursdays, period 7 (1:55 pm to 2:45 pm)

CLASS MEETINGS

Thursdays, periods 5 (11:45 am to 12:35 pm) and 6 (12:50 pm to 1:40 pm) in Carr 222 (Biology Library)

Class will meet every Thursday, except for November 22 (Thanksgiving)

COURSE GOALS

This class is a seminar course in evolution, genetics, and genomics. As a seminar course, the class is designed to give each student an opportunity to lead discussion and to exchange ideas with others on various topics in evolution, genetics, and genomics.

In the first part of the course, two students per class meeting will each select an article for the entire class to read and discuss. In the second part of the course, two separate pairs of students per class meeting will then do the same. Thus, each student will have two opportunities to select papers and lead discussions.

SUBJECTS TO BE COVERED

Students can select articles from any area within the broad interdisciplinary fields of evolution, genetics, and genomics. For example, previous courses reviewed articles on evolutionary rates and protein function and structure; protein evolution and bioinformatics; the origin of life; statistical models of DNA evolution; coalescent theory; the historical demography of humans; conservation genetics; and estimating the tree of life.

STUDENT ATTENDANCE

Articles will be discussed by the group in class. As such, regular class attendance is mandatory and there are no opportunities for makeup work.

STUDENT EVALUATIONS

Your grade will be based on your weekly participation in our group discussions. To prepare, please read the articles beforehand and be ready to discuss them in class with the other students. In particular, please be ready to encourage questions and comments from the group during your weeks as discussion leader.

STUDENTS WITH DISABILITIES

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

TEXTBOOKS

There are no required textbooks for this course.

CURRENT UF GRADING POLICIES FOR ASSIGNING GRADES

This information is available at www.registrar.ufl.edu/catalog/policies/regulationgrades.html.