ANS 6932 - Graduate Seminar in Animal Genetics and Genomics

INSTRUCTOR:
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DESCRIPTION:
This course provides graduate students the opportunity to gain experience in preparing and presenting a research seminar, as well as to be exposed to current research in the field of animal genetics and genomics, including topics such as (i) genome-wide association studies, (ii) genomic selection and prediction of complex traits, (iii) gene-set and pathway analysis, (iv) population genetics and genomics, (v) statistical methods, computational and bioinformatic tools for genetic/genomic analysis, and (vi) opportunities and challenges for future animal geneticists.

COURSE FORMAT:
Course consists of a weekly 1-hour seminar.

TIME & PLACE:
Tuesdays at 4:05PM (8th period) at ANS Dept. Bldg. 459 Room 102.

EXPECTED OUTCOMES:
Students are required to present a 45-minute seminar to the group once during the semester. Students are expected to engage in seminars by asking questions and providing informative comments. Active participation and critical evaluation of seminars presentations will facilitate build scientific communication skills, learn how to engage a scientific audience, and develop scientific rigor.

REQUIREMENTS:
Enrollment in graduate school.

GRADING POLICY:
S/U, grading based on attendance (30%) and presentation (70%). The highest possible grade for a student missing two seminars is B+ and, for a student missing three lectures, is a B. Any student missing four or more lectures will be given an unsatisfactory (U) grade.

GRADES AND GRADE POINTS:
For information on current UF policies for assigning grade points, see https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

ABSENCES AND MAKE-UP WORK:
Requirements for class attendance and make-up exams, assignments and other work are consistent with university policies that can be found at https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

YOUR RESPONSABILITIES:
1. Show respect with the invited speakers, classmates, and teacher
2. Participate in class
3. Provide honest, helpful, and constructive feedback in tone and content. Think about your own reaction if you received that comment
4. Be academically honest. Anything you submit must represent your individual understanding. Any material you submit must be in your own words

ACADEMIC HONESTY:
As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."* It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php

ONLINE COURSE EVALUATION PROCESS:
Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

SOFTWARE USE:
All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

CAMPUS HELPING RESOURCES:

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- *University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575,* http://www.counseling.ufl.edu/cwc/
  Counseling Services
  Groups and Workshops
  Outreach and Consultation
  Self-Help Library
  Training Programs
  Community Provider Database

- *Career Resource Center,* First Floor JWRU, 392-1601, http://www.crc.ufl.edu/

SERVICES FOR STUDENTS WITH DISABILITIES:
The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. 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.

0001 Reid Hall, 352-392-8565, http://www.dso.ufl.edu/drc/

STUDENTS COMPLAINT PROCESS:
For information see https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf