Tuesday September 3: Orientation. Students enrolled in GENET 591 will meet with the lead instructor (Jeff Essner, jessner@iastate.edu) to discuss the expectations for the course

Tuesday, September 10: Diane Birt, dbirt@iastate.edu, will introduce the papers of Patrick Stover
Read Stover papers prior to class: http://www.genetics.iastate.edu/wsf13.html

Tuesday, September 17: John Nason, jnason@iastate.edu, will introduce the papers of Brandon Gaut
Read Gaut papers prior to class: http://www.genetics.iastate.edu/wsf13.html

Tuesday, September 24: Ravi Singh, singhr@iastate.edu will introduce the papers of Vadim Gladyshev
Read Gladyshev papers prior to class: http://www.genetics.iastate.edu/wsf13.html

Papers can be downloaded from: http://www.genetics.iastate.edu/wsf13.html

SEMINARS & CHALK TALKS
Time/place Updates will be posted in http://www.genetics.iastate.edu/wsf13.html

Tuesday, October 1 – Wednesday, October 2, 2013
Patrick Stover, Professor and Division Director, Human Ecology, Cornell University
http://www.human.cornell.edu/bio.cfm?netid=pjs13
Seminar Title:
Tuesday, October 1, 2013, 1414 Molecular Biology, 4:10 p.m.
Small Group Meeting: Wednesday, October 2 at noon in the Carver Co-Lab Conference Room
ISU Contact: Diane Birt, dbirt@iastate.edu
Sponsored by Interdepartmental Genetics and Food Science and Human Development

Tuesday, October 8 – Wednesday, October 9, 2013
Brandon Gaut, Professor and Chair, Ecology & Evolutionary Biology, School of Biological Sciences, University of California Irvine
http://www.faculty.uci.edu/profile.cfm?faculty_id=4561
Seminar Title:
Tuesday, October 8, 2013, 1414 Molecular Biology, 4:10 p.m.
Small Group Meeting: Wednesday, October 9 at 11:00 a.m. in the Carver Co-Lab Conference Room
ISU Contact: John Nason, jnason@iastate.edu, EEOB
Sponsored by Interdepartmental Genetics

Tuesday, October 15 – Wednesday, October 16, 2013
Vadim Gladyshev, Professor, Department of Medicine, Division of Genetics, Brigham & Women's Hospital, Harvard University
http://www.hms.harvard.edu/dms/BBS/fac/Gladyshev.php
Seminar Title: Genomics of Aging
Tuesday, October 15, 2013, 1414 Molecular Biology, 4:10 p.m.
Small Group Meeting: Wednesday, October 16 at noon in the Carver Co-Lab Conference Room
EXPECTATIONS AND GRADING
To satisfactory complete this course students are expected to:

1. **Attend class on Tuesdays from September 3 to September 24**, read **ALL assigned papers prior to class, and be prepared for discussion**. The class will be divided into small groups for discussion and will present the results of the discussion to the rest of the class.

   Students unable to attend a discussion session due to an excusable circumstance (e.g. medical emergency, research trip) must read all papers and write an acceptable 1-page discussion of the major points for each paper. These papers should be submitted to the faculty member listed as contact for the speaker no later than Monday, October 1, 2013 at 5pm.

2. **Attend ALL THREE speaker seminars**. Students who miss a seminar due to an excusable circumstance (e.g. medical emergency, research trip) must read all papers and write an acceptable 2-page discussion of the major points for each paper. These papers should be submitted to the faculty member listed as contact for the speaker no later than November 2, 2013 at 5pm.

3. **Attend at least one small group meeting**. Contact Linda lmwild@iastate.edu with your choice of small group meeting on Wed the 2nd, or 9th or 15th.

**Course is graded Satisfactory (S) and Failed (F)**