CLASS DISCUSSIONS SESSIONS

Tue 28 August: Orientation. Students enrolled in GENET 591 will meet with the instructor to discuss the expectations for the course
Tue 4 Sept: Amy Toth will lead discussion of Michael Goodisman’s papers.
Tue 11 Sept: Sue Lamont will lead discussion of Randy Jirtle’s papers.
Tue 18 Sept: Jonathan Wendel will lead discussion of John Kelly’s papers.
Tue 25 Sept: Tom Peterson will lead discussion of Jay Hollick’s papers.

Papers can be downloaded from: INSERT LINK TO WEBSITE HERE

SEMINARS & CHALK TALKS

Time/place Updates will be posted in http://www.genetics.iastate.edu/wsf12.html

1. Tue 2 Oct – Wed 3 Oct:
   Randy Jirtle, Ph.D.
   Duke University, Director of the Epigenetics and Imprinting Laboratory
   http://www.geneimprint.com/lab/research/
   Seminar: "Epigenetics in the pathogenesis of human diseases and neurological disorders."
   Tuesday, October 2, 2012, 1414 Molecular Biology, 4:10 p.m.
   Chalk Talk: Wednesday, October 3 at 10am, 1102 Molecular Biology (time to be confirmed)
   ISU Contact: Sue Lamont, sjlamont@iastate.edu

2. Mon 8 Oct – Tue 9 Oct:
   John Kelly, Ph.D.
   Kansas University, Department of Ecology and Evolutionary Biology
   http://www2.ku.edu/~eeb/faculty/kellyj.shtml
   Seminar: "Evolution of Plant Mating Systems in Populations"
   Monday, October 8, 2012. 1414 Molecular Biology. 4:10 p.m.
   Chalk Talk: Tuesday, October 9 at 9am, 1102 Molecular Biology (time to be confirmed)
   ISU Contact: Jonathan Wendel, jfw@iastate.edu

3. Tue 16 Oct – Wed 17 Oct:
   Michael Goodisman, Ph.D.
   Georgia Tech, Department of Biology
   http://www.biology.gatech.edu/people/michael-goodisman/
   Seminar: "Social structure and mating biology of invasive social insects."
   Tuesday, October 16, 2012. 1414 Molecular Biology. 4:10 p.m.
   Chalk Talk: Wednesday, October 17 at 11am, Carver Co-Lab Conference Room (time to be confirmed)
   ISU Contact: Amy Toth, amytoth@iastate.edu

4. Fri 26 Oct:
   Jay Hollick, Ph.D.
   University of California Berkeley, Plant and Microbial Biology.
Seminar: "Epigenetic mechanisms that generate and maintain heritable phenotypic variation in maize"
Friday, October 26, 2012. 1414 Molecular Biology. 4:10 p.m.
Chalk Talk: Friday 26 Oct at 8:30 a.m., Carver Co-Lab Conference Room (time to be confirmed)
ISU Contact: Thomas Peterson, thomasp@iastate.edu

EXPECTATIONS AND GRADING

To satisfactory complete this course students are expected to:

1. **Attend class on Tuesdays from August 21 through September 25, read ALL assigned papers, 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 sessions 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 1st October 2012 at 5pm.

2. **Attend ALL FOUR 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 2nd November 2012 at 5pm.

3. **Attend at least one chalk talk.**

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