Feb 9  Introduction: The Human Genome Organization—Chapter 9 (Glossary 209)

Feb 11  Methods in Hum Gen. (I) Pedigree Analysis and Methods to study Complex Traits

Chapter 4

Feb 16, Continued, Feb 18, NO CLASS


Feb 25  Methods in Hum. Gen. (III) Cytogenetics/Molecular Cytogenetics
   p 244-249

Mar 2  Identifying the Genetic basis of disease-Positional Cloning
Mar 4, Mar 9 Continued.

**Mar 11 (Summary of papers 6-13 due)  Chromosome Mutations**

Chromosome Disorders—Origin and mechanism of disease formation. p44-58, 480-484, 604.


Mar 16 Continued.


**Mar 18 Epigenetics in Human Genetics-X-Chromosome regulation/Imprinting  p305-7,371-2**

27. Clemson et al. (2006). The X chromosome is organized into a gene-rich outer rim and an internal core containing silenced nongenic sequences. PNAS 103: 7688-7693

Mar 23 Continued

Mar 25 EXAM 1 (Midterm)

Mar 30, Apr 1 SPRING BREAK
Apr 6  Continued
Apr 8  **Reproductive Genetics**  p 86-87

Apr 13  Continued
Apr 15  **Summary of papers 19-27 due.**

Apr 20  Continued.

Apr 22  **Nature/ Consequence of Gene Mutations--Hemoglobinopathies**

**Hemoglobin—Regulation p 465-466.**

**ABSTRACT** only.

Apr 27  Continued

Apr 29, May 4  **Inborn Errors of Metabolism/Biochemical**

May 6  **Genetics of Cancer Chapter 17.**

May 11 Genetics of Cancer Continued.


May 18 Genetic Screening and Counseling p 529-532.