

From syllabus:

Oral Presentation (5%): During the last unit of this course you will select a topic from a list of topics provided to you by your instructor and cover the topic in a 10- to 15-minute formal oral presentation using visual aids. Topics presented by all class members will be tested on the final. We recommend that presenters use their textbook, at least one review article, and one or more peer reviewed sources, which may include websites or primary literature. PowerPoint presentations are strongly encouraged. Also prepare at least two test questions centered on what you feel is test-worthy from your talk.

Here is a tentative schedule of talks:

4/11 GMO's

Tony Hewitt	techniques for generating
Megan Knox	types and purposes
Anna Blair	plants and animals

Karyotyping, Pedigrees and Medical Genetics

Val Carter
Rachel Shjerve

4/14 Aneuploides

Andrea Flynn	Cri-du-Chat
Amanda Niemann	Sex Chromosomes
Katie Schunk	Down Syndrome

Ancient DNA

Matt Haugstad	Ancient DNA
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4/16 Deletions/Duplications/Inversions/Translocations

Ashley Longbella	Familial Down Syndrome
Todt	β -Globin, meiotic effect/miscarriage

Polyploidy

Karl Hamre
Todt

4/21 Genetic testing

Brittany Logan	Cystic Fibrosis
Beci Petersen	Forensics/Paternity
Kelsey Velo	SNP or RFLP techniques
Brittany Naumann	SNP or RFLP techniques

Genetic Therapy

Levi Pole	Severe Combined Immunodeficiency
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4/23 Fragile sites/triplet repeats

Colin Clark	myotonic dystrophy
Hillary Simensen	Huntington Disease
Mikki Eken	human color vision (translocation?)