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“An Aggie does not lie, cheat, or steal, or tolerate those who do.”

REQUIRED TEXTBOOK

A Primer of Population Genetics (3rd edition) by DL Hartl, Sinauer Associates, 2000

REQUIRED READINGS

Several research articles will be part of the required reading of this course. These articles will illustrate the application of current, widely used methodologies in the field of population and quantitative genetics. Readings remain to be determined.

LECTURES

1. Genetic Variation
2. The Causes of Evolution 1
3. The Causes of Evolution 2
4. Molecular Population Genetics 1
5. Molecular Population Genetics 2
6. Genetic Architecture of Complex Traits