

Chapter 7 Variation and Population Genetics

- A. **Definitions and terms**
 - Population
 - Continuous vs. discontinuous variation

- B. **Race**
 - How is it defined?
 - Is it genetic?

- C. **Population Genetics**
 - Blood typing
 - ABO compatibility, antigens, antibodies
 - Other systems
 - Eugenics (positive/negative)

- D. **Hardy-Weinberg principle**
 - Conditions
 - Equation
 - Dunkers
 - Bottleneck and founder effect

- E. **Natural selection and humans**
 - Malaria and other diseases
 - Rules
 - Bergmann's
 - Allen's
 - Gloger's
 - Body type/skin color vs. geographic location