

- (a) Linear order of genes
- (b) Linkage of genes in chromosome
- (c) Crossing over of groups of genes
- (d) Sex linkage of some traits

G. RACE BETTERMENT THROUGH CONSCIOUS CONTROL

The growing problems of caring for the mentally and physically defective have led to a careful study of the causes of these conditions. Much defectiveness has been found to be directly or indirectly inheritable. As a result of such studies a basis for improvement of the race, through the guidance of heredity, has been found. The application of our knowledge to this end is called Eugenics. It is the name given to a program for improvement of the human race by limiting the multiplication of inferior stocks and encouraging the increase of superior ones. The problem has these two broad phases and it is proposed to approach its solution by two lines of attack.

1. Positive or Constructive Eugenics--measures to encourage reproduction of the best.
 - a. Education regarding heredity
 - b. Selective mating
 - c. Reproduction of superior strains
2. Negative or Restrictive Eugenics--measures to control the mating and reproduction of the unfit.
 - a. Segregation or sterilization of defectives
 - b. Prevention of war
 - c. Intelligent charity
 - d. Safeguarding the quality of immigration
3. Menaces to Racial Stock
 - a. War
 - b. Unwise charity
 - c. Undesirable immigration
 - d. Infertility of superior strains

- REFERENCES: *Storey--Principles of Hygiene, Chap. 4
*Burlingame and Martin--General Biology, Chaps. 28-31
Carr-Saunders--Eugenics
*Conklin--Heredity and Environment, Chaps. 2-6
Gosney and Popenoe--Sterilization for Human Betterment
Guyer--Being Well Born, Chaps. 1,2,6,7,8,13,15,23.
Hutington and Whitney--The Builders of America, Chaps. 19-21
*Jennings--Biological Basis of Human Nature, Chaps. 6,8,10,15
Popenoe--The Child's Heredity
Popenoe and Johnson--Applied Eugenics
Stockard--Physical Basis of Personality
*Kirkpatrick and Huettnner--Fundamentals of Health, Chap. 3

*Required reading.