INTRODUCTION TO PUBLIC HEALTH

1. Definition of Public Health

2. Global Health - Deaths
   a. Leading causes of death worldwide, 2001
   b. Leading causes of death by risk factor
   c. Leading infectious disease killers
   d. Proportionatal mortality of children <5 years worldwide
   e. <5-year (child) mortality by region, 1990-2003
   f. Deaths by stage of development level of countries
   g. Deaths by cause and global region
   h. Increasing burden of non-communicable diseases in developing countries

3. Global Burden of Disease
   a. Concept of disability-adjusted life years (DALYs) - a measure of the burden of disease on a defined population
   b. DALYs in developing countries, 1990-2020 (projected)
   c. Global burden according to DALYs
   d. Changing burden of disease characterized by DALYs

4. Health in the United States
   a. Leading causes of death 1900-2001
   b. Diseases by cost
   c. Life expectancy at birth 1900-2001
   d. Concept of potential years of life lost
   e. Leading causes of potential years of life lost 1980-2000

5. The Function of Public Health
   a. Definitions
   b. Major preventable risk factors for disease
   c. The scope of public health
   d. The strategies of public health

(also see two MMWR items on class website)
e. Intervention strategies

2 SLIDES