"When health is absent, wisdom cannot reveal itself, art cannot become manifest, strength cannot fight, wealth becomes useless, and intelligence cannot be applied."

~ Herophilus of Chalcedon, 335–280 BC, Physician to Alexander the Great ~
One Perspective

• The Automobile
• The Airplanes
• The Television
• The Microwave
• The Computer
One Perspective

- Antibiotics
- Open Heart Surgery
- Transplants
- Insulin
- BoTox
Ten Great Public Health Achievements, USA
1900 – 1999

- Vaccinations
- Safer workplace
- Safer and healthier food
- Motor-vehicle safety
- Control of infectious diseases

- **Decline in deaths from coronary heart disease and stroke**

- Family planning
- Recognition of tobacco use as a health hazard
- Healthier mothers and babies
- Fluoridation of drinking water
Average Life Expectancy

Public Health for the extra 25 years of life
Sources of health

**Behavior:**
- Tobacco
- Ethanol (and other drugs)
- MDD (movement deficit disorder)
  -- etc. --

**Genetics**

- Environmental / Social Circumstances

**Health care delivery** (hospitals and clinics)

McGinnis et al. Health Affairs, 2002
Houston, we have a problem
America, we have a problem

- Obesity
- Infant Mortality
- No Access to Health Care
- Tobacco Abuse
- Teen Pregnancy
- Hospital Bill, $60,000
America, we have a problem
America, we have a problem
America, we have a problem

Violence

Two little boys

Depression

Drug and Alcohol Abuse

[Images of people and substances related to the issues mentioned]
America, we have a problem

- Workplace safety
- Drunk driving
- Suicide
America, we have a problem

- COPD
- Drug Cost
- Depression
- Asthma
- CHF
- Diabetes
Prevention

• As a society we have not gotten good value for our money

• How much are we paying for a quality adjusted life year? (QALY)
Keeping the Momentum

1) What is your biggest A-ha! moment from the meeting?

2) Share at least one thing that you personally will do back at home as a result of this meeting?

3) What are the most important messages that you hope your state colleagues will take home with them?
Any thing else you would like to share with everyone