

# The Role of Environmental Health in Injury Prevention:

## The IHS Perspective



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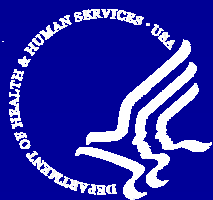
# SESSION OBJECTIVES

- Our Mission
- Public health Problem
- Guiding Principles



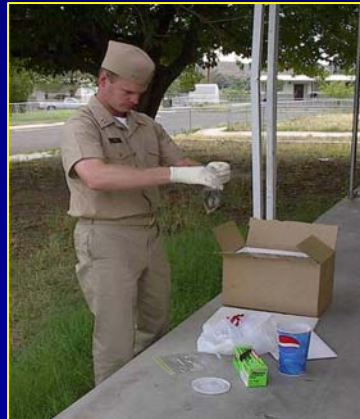
# IHS MISSION

*To raise the physical, mental, social, and spiritual health of American Indians and Alaska Natives to the highest level.*



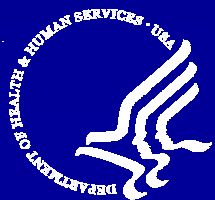
# ENVIRONMENTAL HEALTH SERVICES

- General Env. Health
- Institutional Env. Health
- Injury Prevention



# ENVIRONMENTAL HEALTH SERVICES

- General Env. Health
- **Institutional Env. Health**
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# ENVIRONMENTAL HEALTH SERVICES



- General Env. Health
- Institutional Env. Health
- **Injury Prevention**



# INJURY PREVENTION MISSION



- **Decrease the incidence of severe injuries and death to the lowest level possible.**
- **Increase the ability of tribes to prevent injuries within their communities.**



US, All Ages – 1999-2004

# Leading Causes of Death

## US, All Races

1. Heart Disease
2. Cancer
3. Stroke
- 4. Injuries (all types)**
5. Respiratory Disease

## AI/AN

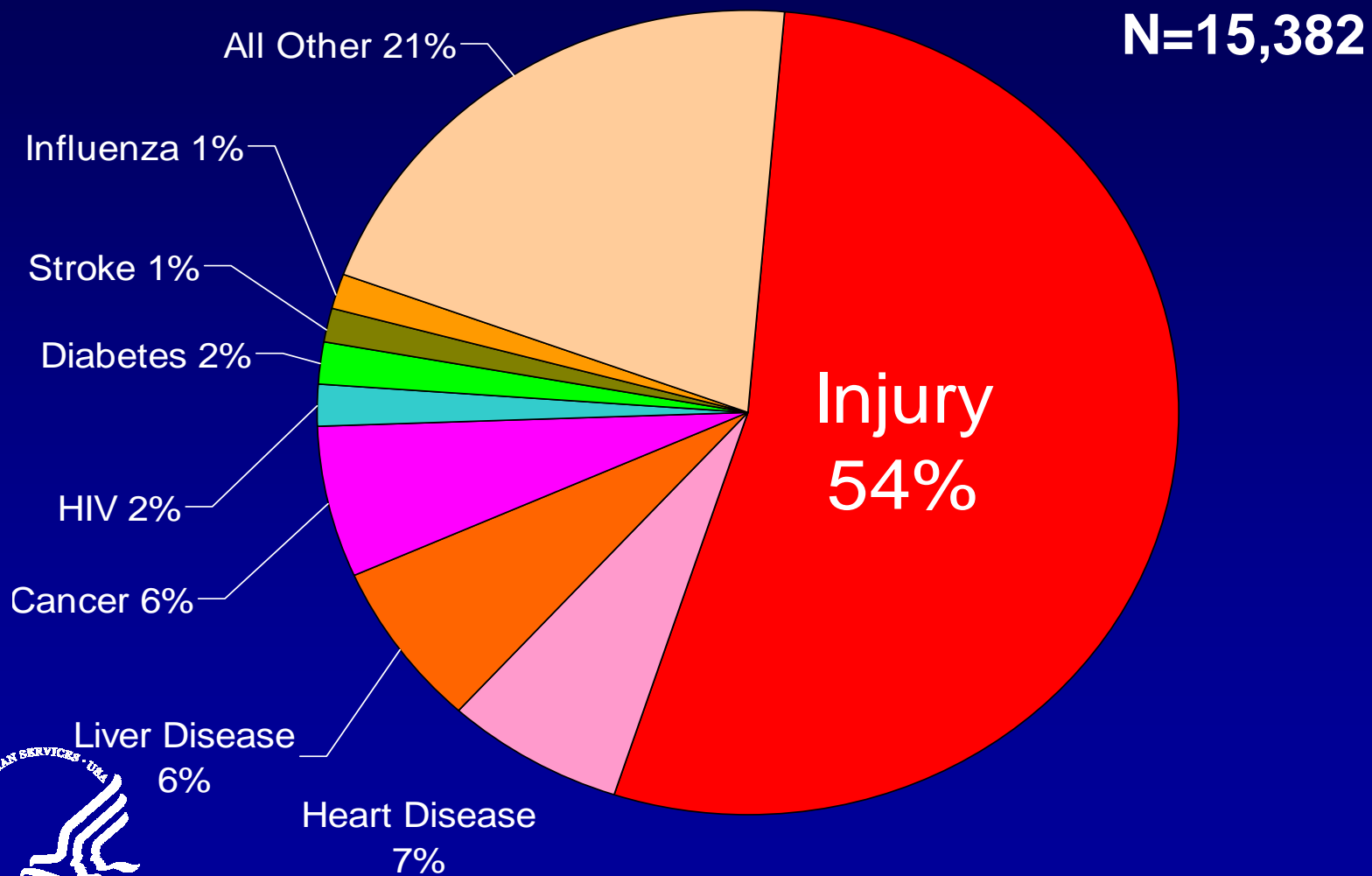
1. Heart Disease
2. Cancer
- 3. Injuries (all types)**
4. Diabetes
5. Stroke





Leading Causes of Death – US, 1999-2004

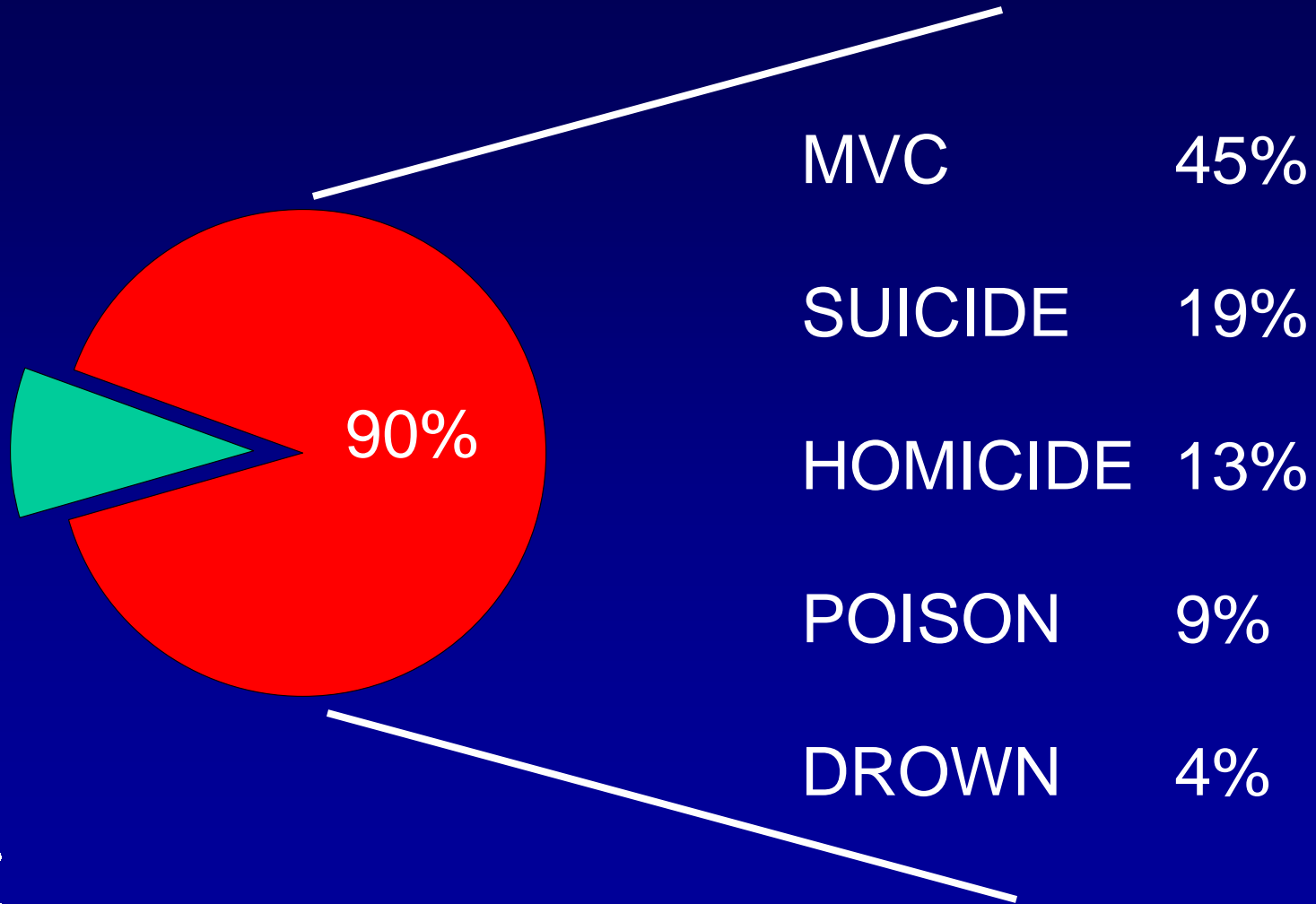
# AI/AN 1-44 Years of Age



Source: CDC WISQARS

Leading Causes of Injury Death – US, 1999-2004

# AI/AN 1-44 Years of Age

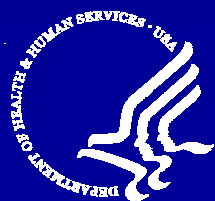
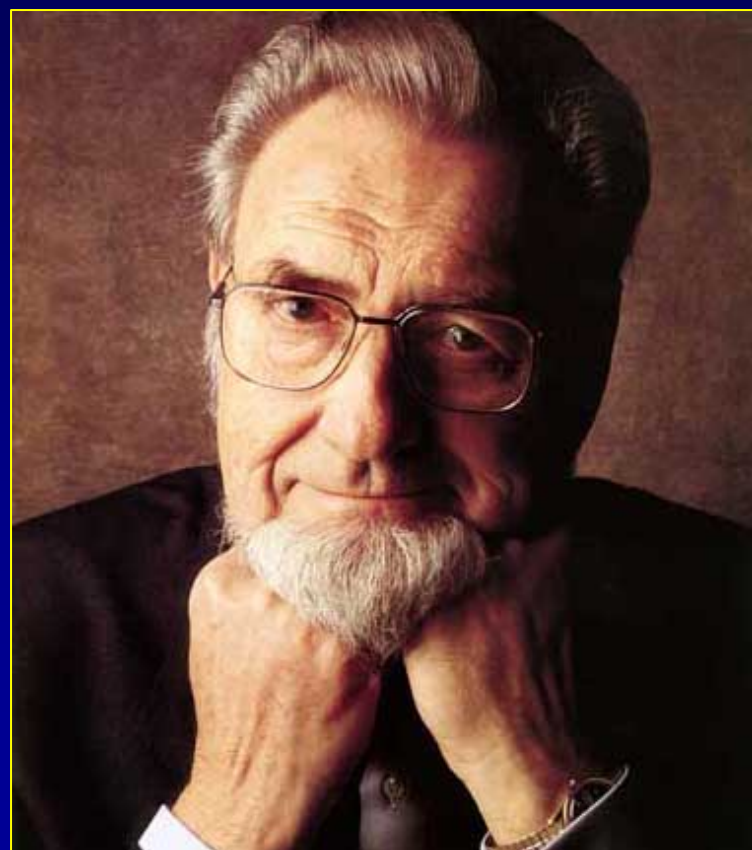


Source: CDC WISQARS

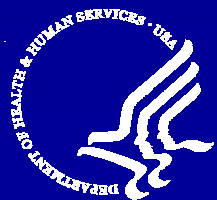
# UNRECOGNIZED EPIDEMIC

"If a disease were killing our children in the proportions that injuries are, people would be outraged and demand that this killer be stopped."

C. Everett Koop, MD, Former Surgeon General

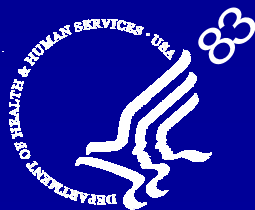
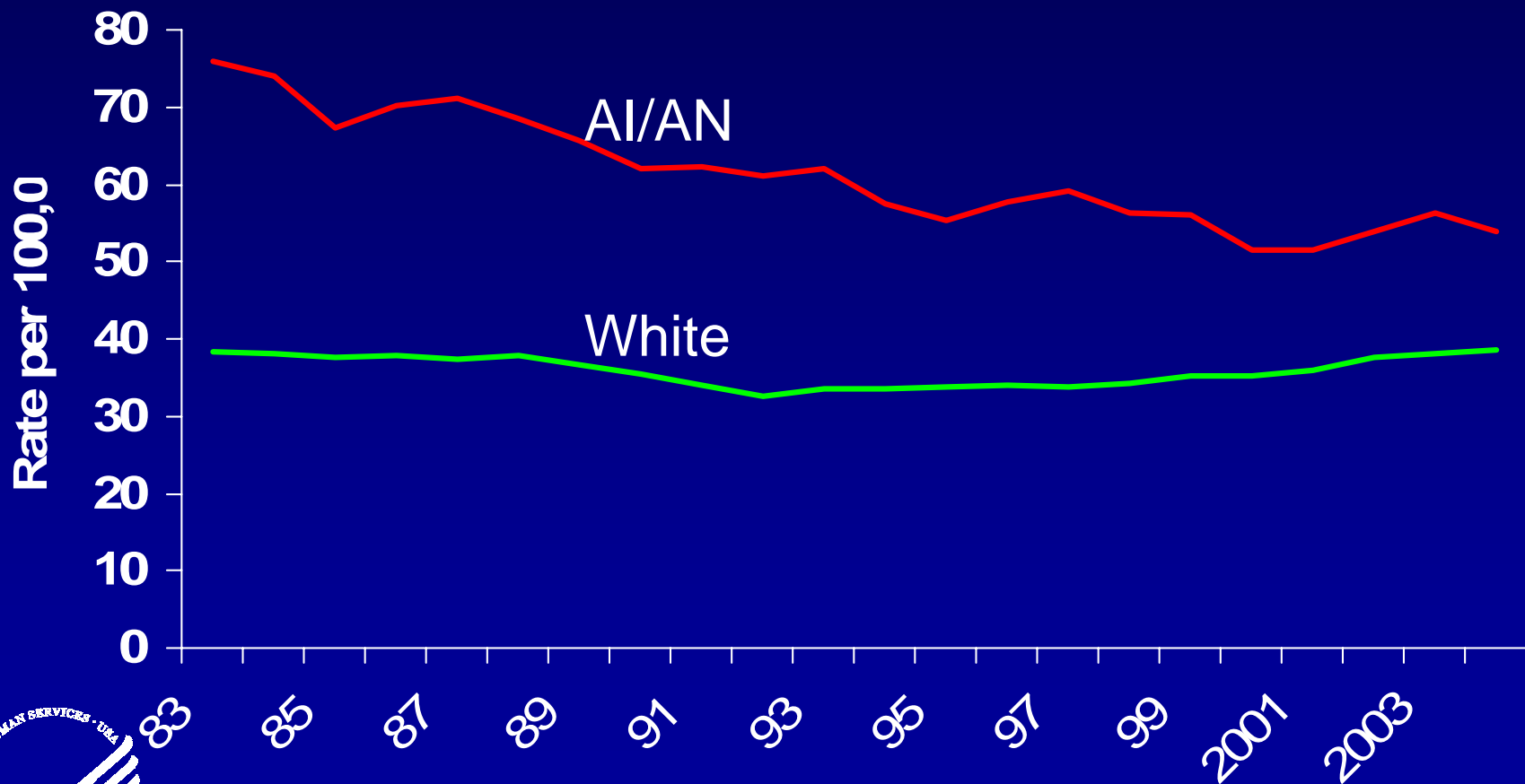


# U.S. Surgeon General



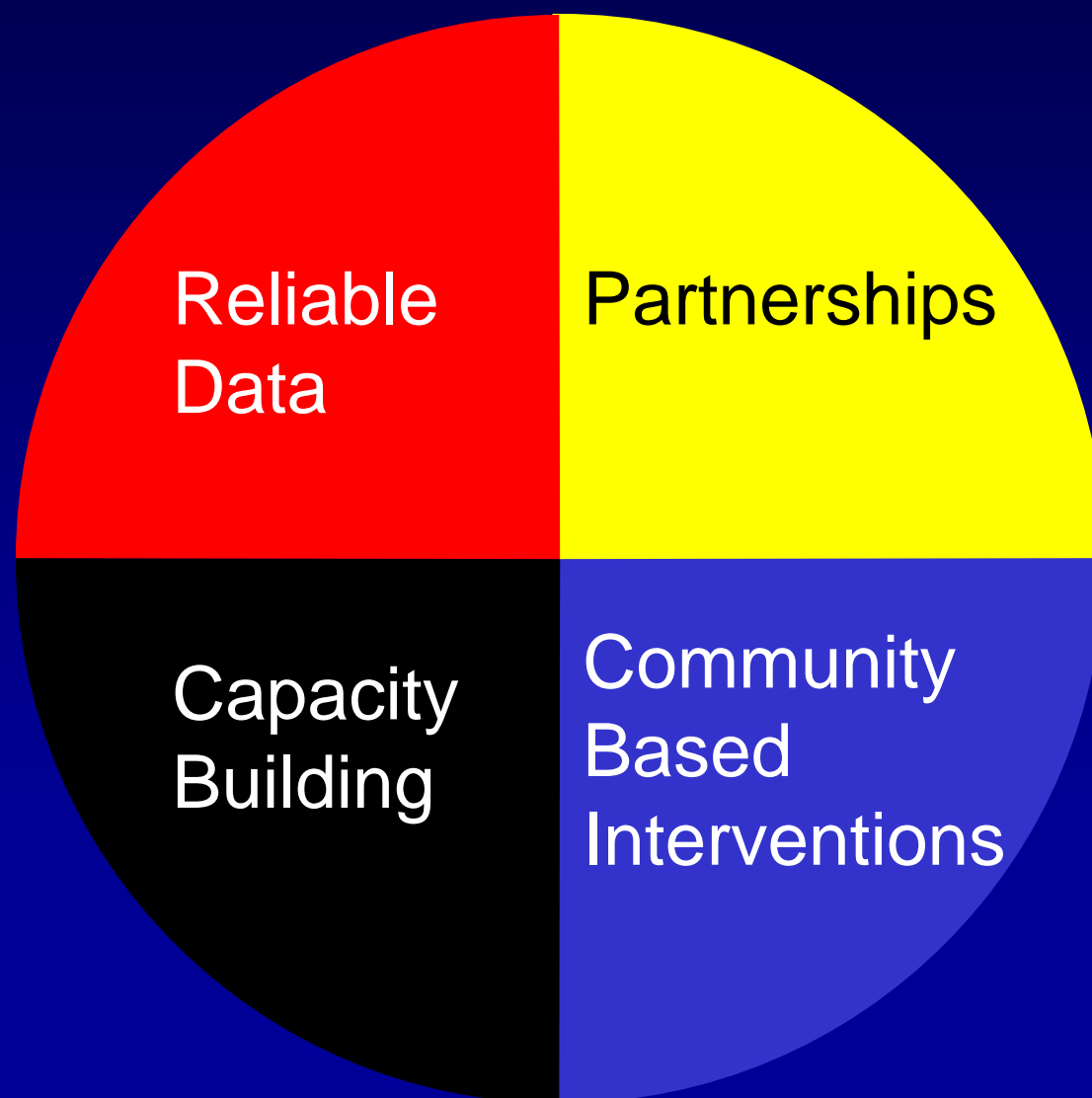
Vice Admiral Regina M. Benjamin, M.D., M.B.A.

# Unintentional Injury Death Rates by Race, 1983-2004



Source: NCHS mortality, CDC WISQARS 2007; [www.cdc.gov/ncipc/wisqars/default.htm](http://www.cdc.gov/ncipc/wisqars/default.htm)

# Phoenix Area IHS Injury Prevention GUIDING PRINCIPLES



# Reliable Data

- Surveillance
- Studies
- Observational Surveys
- Interviews/Focus Groups



# Partnerships & Collaborations

- Community
- Regional
- National





# Capacity Building

- **Training**
- **Funding**

## Short Courses

- Introduction to Injury Prevention
- Intermediate Injury Prevention
- Advanced Injury Prevention

## Fellowship

- Epidemiology Fellowship
- Program Development

## Specialized Courses

- Area Short Courses
- Indoor/Outdoor Environment
- Child Passenger Safety
- Customized



# Capacity Building

- Training
- Funding



Ride Safe



Sleep Safe

## Tribal IP Cooperative Agreement Program

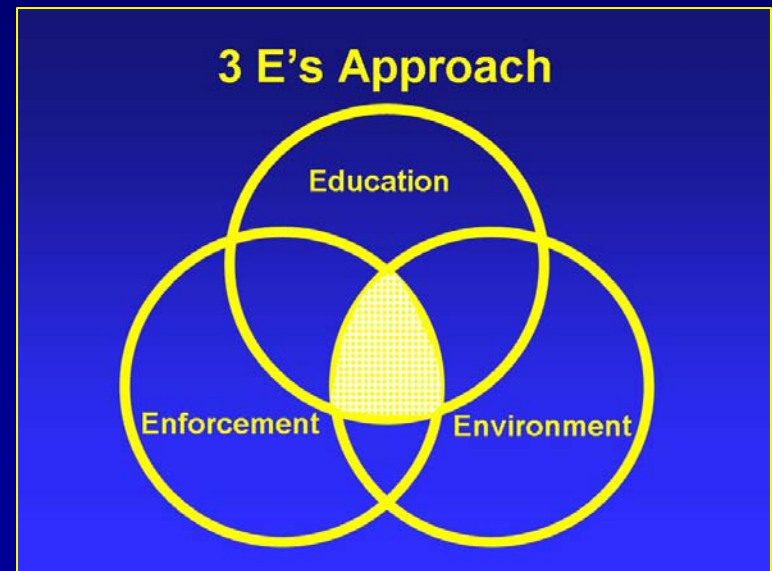


- Nationally funded
- \$50-75K / Year
- Full-time Tribal Position
- IHS Monitoring & Mentoring



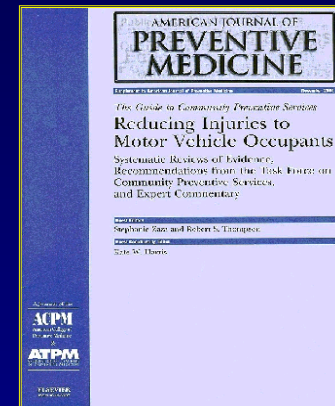
# Community-Based Intervention Strategies

- **Comprehensive Interventions**
- **Effective Strategies**
- **Culturally Appropriate**



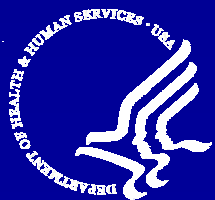
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- Comprehensive Interventions
- Effective Strategies
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# Summary

- Data Collection & Analysis
- Injury Prevention Leadership & Advocacy
- Facilitating Partnership Development
- Planning & Conducting Training Activities
- Evaluating Intervention Programs





# Questions?



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