

## Lessons learned from the Spirit of E.A.G.L.E.S.

Judith Salmon Kaur  
Mayo Clinic, Rochester, MN

## Current Perspectives

- U.S. Population: 2.4 million Native American (American Indians and Alaskan Natives).
- There are 558 federally recognized tribes/nations in 34 states - languages, religions.
- 65% of the population are located in urban areas/cities.

## Historical reference

- There was a time when cancer was rare in American Indians
- THAT TIME IS PAST!!

## HISTORY OF CANCER RESEARCH

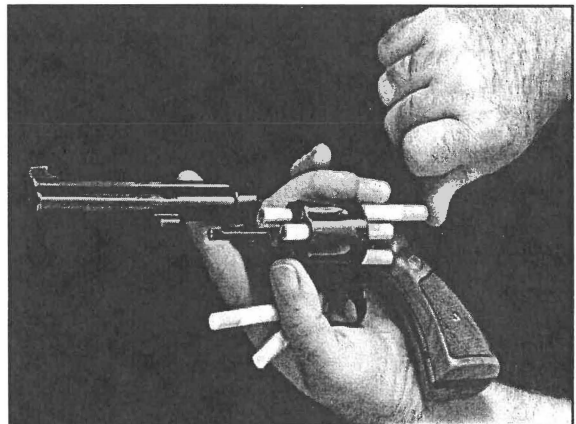
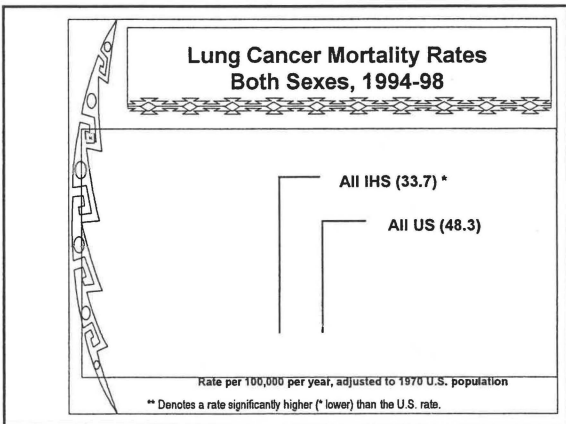
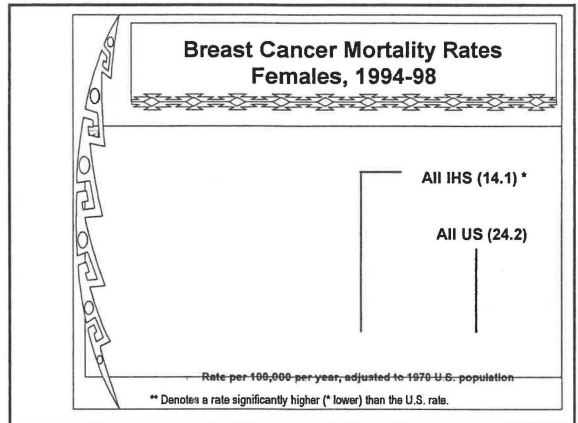
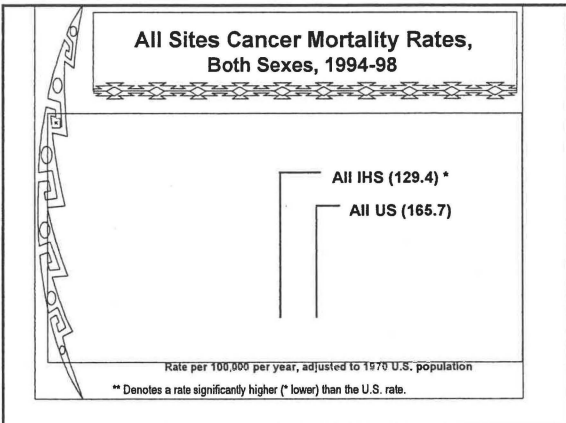
- 1937: NATIONAL CANCER INSTITUTE ACT SIGNED INTO LAW
- 1971: NIXON'S WAR ON CANCER BEGINS/SEER ESTABLISHED
- 1984: "HECKLER REPORT" IDENTIFIES DISPARITIES
- 1990: OFFICE OF MINORITY HEALTH

## HEALTH DISPARITIES

- 1987-1993: LEADERSHIP INITIATIVES DEVELOPED BY CONGRESS
- 1999: IOM REPORT TO CONGRESS
- 2000: RFA FOR SPECIAL POPULATIONS NETWORKS
- 2001: CENTER TO REDUCE CANCER HEALTH DISPARITIES

## COMMUNITY NETWORKS PROGRAMS

- 25 FUNDED
- BUILDING INFRASTRUCTURE
- INCREASING MINORITY RESEARCHERS
- "PARTICIPATORY RESEARCH"
- PRIORITY TO INCREASE OUTREACH FOR CLINICAL TRIALS



**Oklahoma Tobacco Helpline**

**1 800 QUIT NOW**

- ↑ calls to the Oklahoma Tobacco Quitline in Cherokee Nation from 22.5% in 2006 to 26.2% in 2007

IMPROVING THE HEALTH OF EVERY OKLAHOMAN

### Cherokee- specific billboards promoting the Oklahoma Quit Line for Mayes, Delaware, and Sequoyah counties.

**Tobacco Addiction is not Tradition**

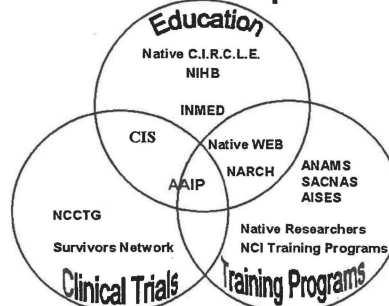
SEATTLE KW DELAWARE DELAWARE  
WASH DC OKLAHOMA OKLAHOMA OKLAHOMA  
**Oklahoma Tobacco Helpline**  
**1 800 QUIT NOW**

CHEROKEE NATION  
**HEALTHY NATION**  
(800) 850-0298

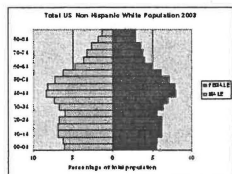
## CHANGING CANCER PATTERNS IN MINORITIES

- STILL EXCESS OF CANCERS RELATED TO INFECTIOUS ETIOLOGIES (CX, GASTRIC, LIVER)
- INCREASING RATES OF THE MOST COMMON CANCERS (BREAST, COLON, LUNG)

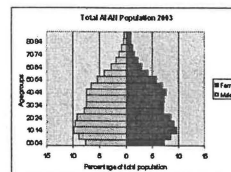
## Spirit of Eagles Partnerships



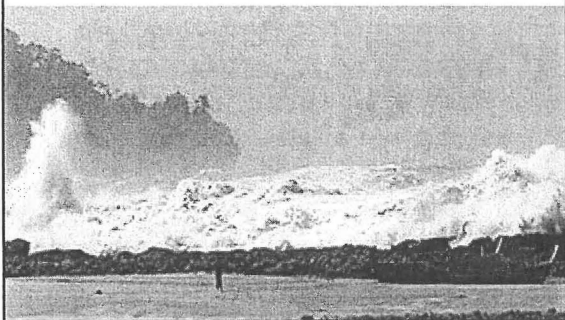
## DEMOGRAPHICS COUNT!



## HIGH PREVENTION POTENTIAL

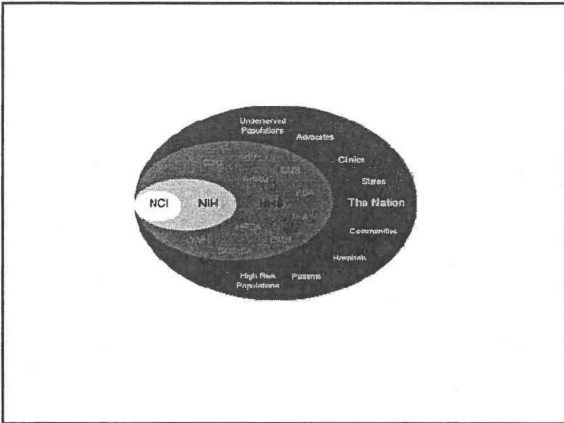


## IMPENDING TSUNAMI



GAO Report, August 2006 :  
"Barriers to mammography in rural, some urban areas"

- Mammo Closures >>>Openings, 2001-2004:
- Access Problems:
  - ¼ of US counties, and 60% of North Dakota counties: no mammography



### FUTURE NEEDS AND DIRECTION

- INFRASTRUCTURE BUILDING
- IMAGING RESEARCH TO BRING AFFORDABLE AND ACCESSIBLE SCREENING
- RESEARCH ON MODELS OF CARE
- DATA TO INFORM COMMUNITIES FOR PRIORITIZATION

### RESEARCH NEEDS

- BIOLOGICAL
- PSYCHOLOGICAL
- SOCIAL

### QUOTE

**"KNOWING IS NOT ENOUGH;  
WE MUST APPLY,  
WILLING IS NOT ENOUGH, WE  
MUST DO! ...GOETHE**

### ARE WE MOVING FORWARD?

**National Institutes of Health**

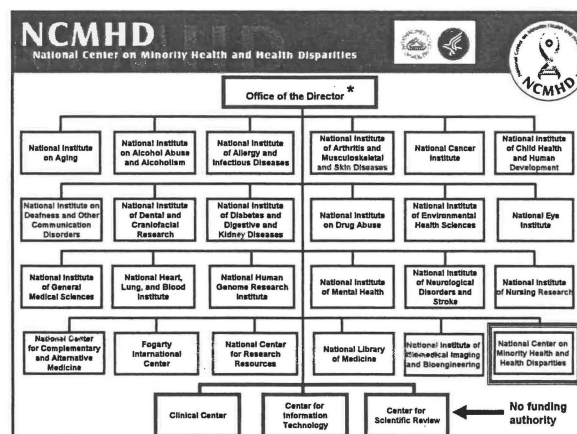
**National Center on Minority Health and Health Disparities**

6<sup>th</sup> Annual Disparities in Health in American Workshop: Celebrating Scholar Entrepreneurs Working Towards Social Justice  
June 21, 2008

Joyce A. Hunter, PhD  
Deputy Director, NCMHD

www.ncmhd.nih.gov

**NCMHD**  
National Center on Minority Health and Health Disparities



**NCMHD**  
National Center on Minority Health and Health Disparities

**NCMHD MISSION**

To promote minority health and to lead, coordinate, support, and assess the NIH effort to reduce and ultimately eliminate health disparities. In this effort, the NCMHD will:

- conduct and support basic, clinical, behavioral and social science research
- promote development of research infrastructure and training
- foster emerging programs
- disseminate information
- reach out to minority and other health disparity communities.

**NCMHD**  
National Center on Minority Health and Health Disparities

**ACTIVE NCMHD PROGRAMS**

**Centers of Excellence** conduct research on health disparities within several disease areas and conditions, such as, cancer, cardiovascular diseases, stroke, diabetes, nutrition, obesity and maternal and infant health.

**Research Endowment Program** awards promote the education and training of underrepresented minorities and socio-economically disadvantaged individuals awarding grants to an eligible institution's endowment.

**Loan Repayment Program** awards promote research careers in basic, clinical, and behavioral research for young scientists from underserved communities.

**Community Based Participatory Research** awards engage scientists and communities in health disparities research.

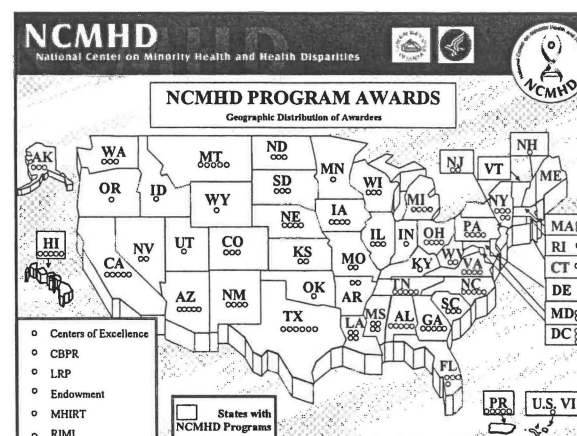
**NCMHD**  
National Center on Minority Health and Health Disparities

**ACTIVE NCMHD PROGRAMS cont.**

**Minority Health and Health Disparities International Research Training** awards support young scientists conducting scientific research abroad.

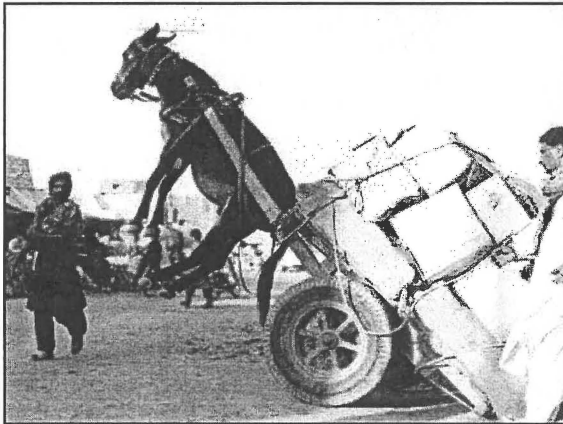
**Research Infrastructure in Minority Institutions** grants support research and strengthen the biomedical research capability of eligible institutions

**Small Business Innovation Research/Small Business Technology Transfer Program** makes grants to small businesses and to partnerships between small businesses and nonprofit research institutions to bring innovative technologies to market designed to empower health disparity communities to achieve health equity through health education and disease prevention.

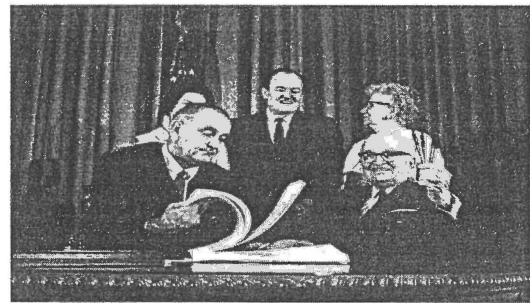


Uninsured	Quality	Patient Safety	ER Overcrowding	Drug Costs	Physician Productivity	Governance	Access to Capital
Drug Resistance TB	Hospital-acquired Infection	Earthquake	Hurricanes	Terrorism	Pandemic	Home Shortages	Physician recruiting
Immigrant Health	Patient dumping	Competition	Malignant	JCAHO	IT Cost	Stark Laws	Fake Online Ad
Trauma Funding	Physician Coverage	Pharmacist Shortage	HMOs	GME Costs	Wait Time	Cultural Competency	Regulatory Oversight
Aging Population	Prevention	Cultural Differences	Taxpayer Burden	Governors	Legislators	Supervision	Mayors
Media	Waivers	CMS	DIG	DSH	UPL	IGT	CPE
Revenue Cycle	Payer Mix	Medicaid Reforms	Grants	Subsidy	Funding	Learn	Models
Still with me?	Margin	Insolvency	Survival	\$	\$\$	\$\$\$	\$\$\$\$

# DISPARITIES



Kirk Calhoun, M.D. UTHSCT



## Health Status

- Disparities in general wellness
- Disparities in certain diseases & conditions
- Disparities in impact of lifestyle
- Disparities in community-wide health

