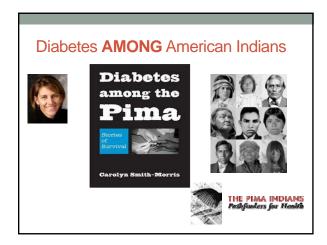
DIABETES AMONG AMERICAN INDIANS: A CASE STUDY IN MOVING FROM HEALTH DISPARITIES TO **HEALTH EQUITY**

Ronny A. Bell, PhD, MS Professor, Department of Epidemiology and Prevention, Division of Public Health Sciences Co-Director, Maya Angelou Center for Health Equity

18th National Health Equity Research Webcast University of North Carolina Gillings School of Global Public Health June 5, 2012 www.minority.urc.edu/institute/2012/



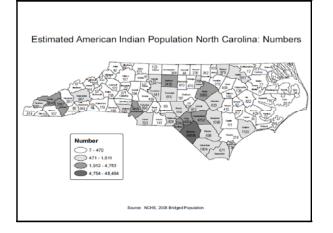
Health Disparities "Health disparities are differences in the incidence, prevalence, mortality, and burden of diseases and other adverse health conditions that exist among specific population groups in the United States." Health Disparities United States Source: National Institutes of Health

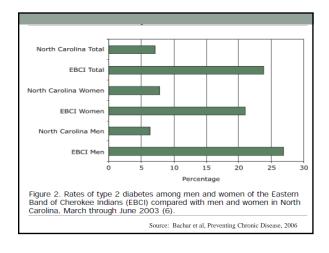
Diabetes Disparities – American Indians

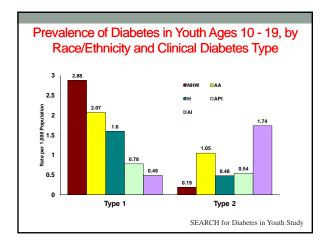
- American Indians are at least 2.2 times more likely to develop diabetes in their lifetime compared to non-Hispanic Whites
- >The diabetes death rate is **3 times** higher for American Indians compared to the US general population
- American Indians with diabetes are 3.5 times more likely to develop kidney failure compared to the general population

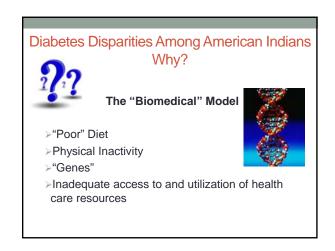
Indian Health Service

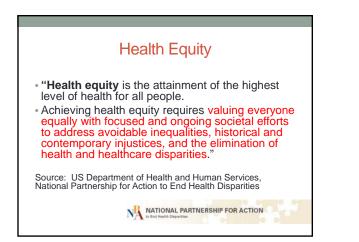
Source: Indian Health Service













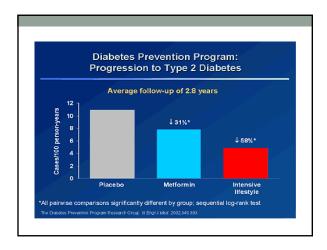
The "Health Equity" Model

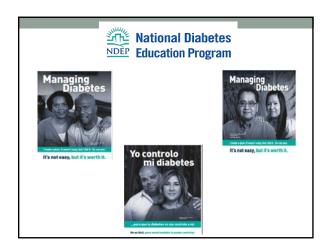
⊳Poverty

- >Inappropriately applied local, state and federal policies
- ≻Racism
- >Hopelessness/Fatalism
- ≻Historical Trauma

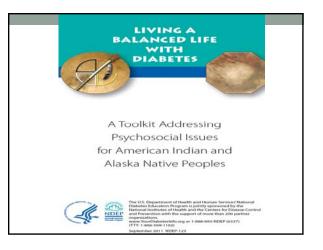




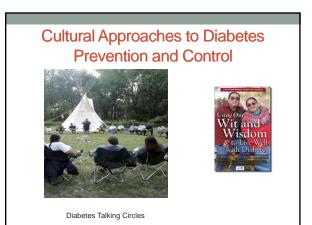














Changes in Indicator Special Diabetes Progra	am for Indians (SDF	PI) and the Governmer
Perfo Control Indicator	rmance and Result Pre-SDPI (1995)	s Act SDPI Era (2001)
A1c Control	8.9%	7.9%
Diastolic Blood Pressure	79 mm Hg	76 mm Hg
Total Cholesterol	208 mg/dl	193 mg/dl
Triglycerides	257 mg/dl	235 mg/dl
SGPI DABITIS PRVINTION PROCRAM	Source: Wile	son et al, AJPH 2005

Summary

- Diabetes disparities clearly exist for American Indians
- > The causes of these disparities are multi-faceted
- The solutions to achieving health equity in diabetes for American Indians are also multifaceted, and require a concerted effort to address this tragedy

For More Information:

Ronny A. Bell, PhD, MS <u>rbell@wakehealth.edu</u> 336-716-9736 <u>www.wakehealth.edu/mache</u>

