## **Research in Tribal Colleges**

Cynthia Lindquist, PhD, Cankdeska Cikana Community College Leander "Russ" McDonald, PhD, United Tribes Technical College

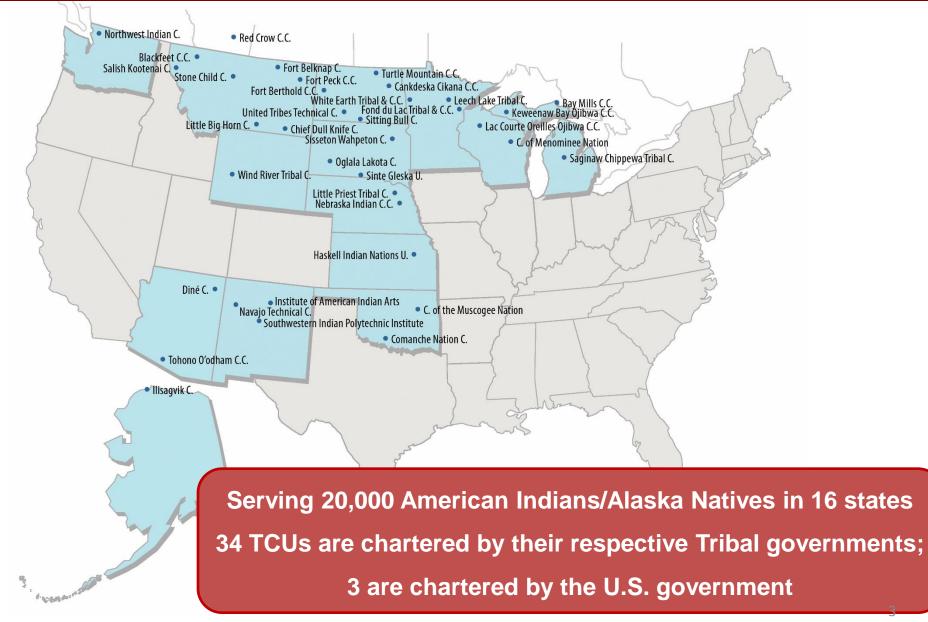


This presentation is supported by the National Institute on Minority Health and Health Disparities of the National Institute of Health under Award Number u54MD008164 (PI – Elliott) The collective spirit and unifying voice of our nation's Tribal Colleges and Universities Tribal Colleges & Universities:

Indigenous Research Strengthening Sovereign Nations March 2016



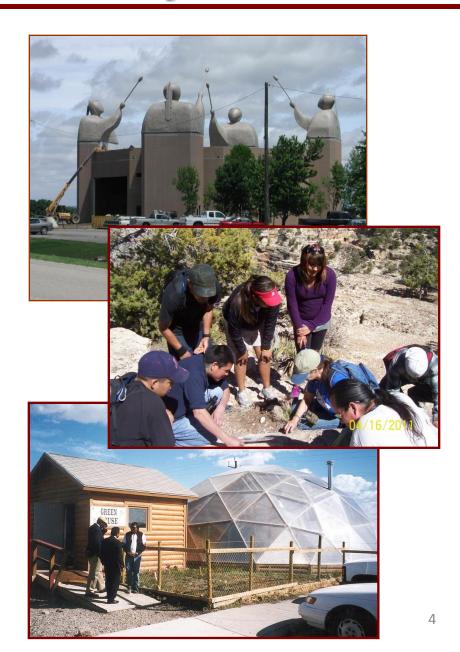
## 37 TCUs – 85 Sites in U.S.





#### **TCUs: Native Research = Stronger Tribal Communities**

**TCUs Conduct** Native-Developed, Native-Led, and Native-Relevant Research Addressing Tribal Land, Water, Health, and Community ssues. **TCUs ARE Nation Building**!





## **TCUs Address Multi-level Tribal Needs**



TCUs are Research Centers



Applied Research: Community Health; Mitigation of Invasive Species; Climate Adaptation; Economic Development & Governance

AIHEC AIMS 2009 FA

## Data Collection & Management:

GIS/GPS data collection; Comparative Studies; Data Analysis; Institutional Research Boards



### Training & Outreach:

Experiential Education & Research Mentors for Tribal Members; Indigenous Research & Evaluation; Check-Points for Outside Research

#### TCU Research Centers = Building Tribal Nations



## **TCU Applied Research...**



Aaniiih Nakoda College: Research on Tooth Decay in Head Start Youngsters. Early Prevention = Lifelong Health!



#### Blackfeet Community College:

Indigenous Berry Shrub Research May Help Prevent Type 2 Diabetes.



Fort Peck Community College: Using FPCC-developed Protocols, Researching Tie Btw Low/Moderate Stress & Major Health Disparities.



Fond du Lac Tribal & Comm. College: Investigating Past, Present, Future of Wild Rice Beds on the Fond du Lac Reservation



## **TCU Social Science Research**

#### Native Language Preservation:

Language Competencies & Performance, Comanche Nation College

To think Indian is to uphold a justice system older than any government.



Native Resources:

CBPR on Alternative Energy Use & Education, *Tohono* O'odham C.C.

#### Native Justice:

Use & Implications of Traditional Peacemaking on Courts, Oglala Lakota College





## **TCU Student Research:** Critical Applied Research



# Fort Berthold Community College, ND Image: Discourse Voirse Future Image: Discourse Future Image: Discourse Future Image: Di

#### **Chief Dull Knife College**

Developing Low Cost Water Filter to Reduce Bacteria & Viruses.

> West Nile Virus Data Collection/Analysis on Distribution/Conditions Related to Infection Risk



#### Fort Berthold Community College

Student Research on Climate Change, Chronic Wasting Disease, and Oil Development on Reservation.



#### Keweenaw Bay Ojibwa Comm. College, Sitting Bull College, NWIC & Others:

# Research on Indigenous Plants, Traditional Medicine, Food Sovereignty









White Earth Tribal & Comm. College Geospatial Research of Wild Rice Distribution on Reservation



# Vision: Sovereign Nations through Excellence in TRIBAL Higher Education.

# Goal: Tribal education systems founded on indigenous ways of knowing, traditional knowledge, and spirituality.