

Indigenous Healthy Homes & Healthy Communities: A community-led initiative to improve health and support Indigenous Resilience in the US Southwest

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Partnerships for Environmental Public Health 2024 | Climate Change and Environmental Justice:
Engaging Diverse Teams

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Presentation Overview

By the end of this brief presentation, we will have:

- Provided an overview of AASTEC/AAIHB
- Defined Indigenous Data Sovereignty
- Introduced the Indigenous Healthy Homes & Healthy Communities NIH Community Partnerships to Advance Science for Society (ComPASS) Award

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AASTEC

EST. 2006




MISSION: to collaborate with the 27 American Indian Tribes in the Albuquerque Area to provide high quality health research, surveillance and training to improve the quality of life of American Indians.

The Indian Health Care Improvement Act (IHCIA) 2010 reauthorization included a provision designating tribal epidemiology centers (TECs) as public health authorities under the Health Insurance Portability and Accountability Act (HIPAA) and authorizing TEC access to data held by the US Department of Health and Human Services (HHS)

- 40** Employees
- 2** Contractors
- 2** CDC Public Health Associates
- 5** AI/AN Student Interns

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Health Priority Areas

- Behavioral Health
- Healthy Aging
- Chronic Disease Prevention & Control
- Injury Prevention
- Public Health Preparedness
- Environmental Health

- Program Evaluation
- Data Collection, Management & Analysis
- Community Health Assessment & Strategic Action Planning
- Culturally Centered Health Communications
- Database Development & Management
- Community-Based Participatory Research
- Student Development
- Public Health Surveillance
- Health Promotion/Disease Prevention Intervention

ALBUQUERQUE AREA SOUTHWEST TRIBAL EPIDEMIOLOGY CENTER
WWW.AASTEC.NET

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TRIBAL EPIDEMIOLOGY CENTERS

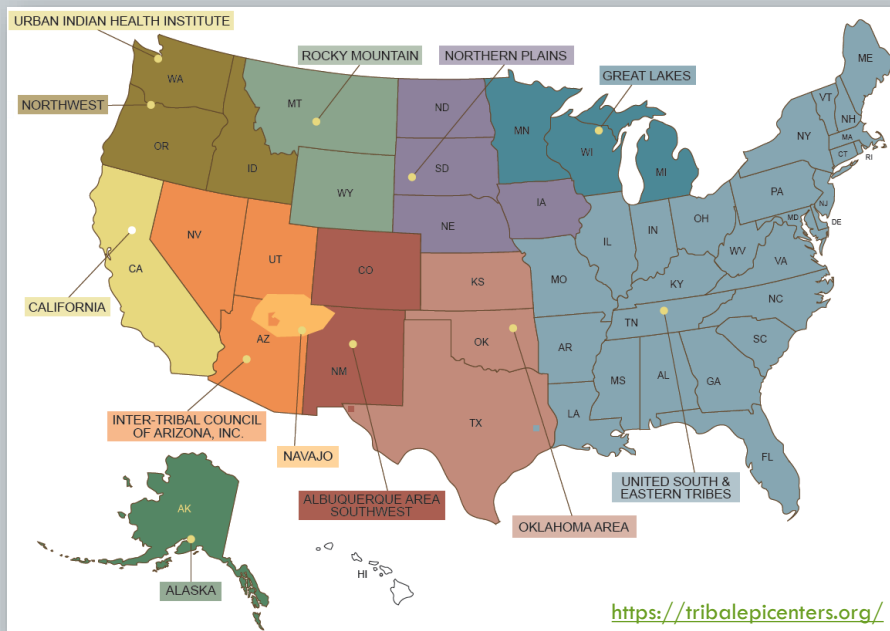
SEVEN CORE FUNCTIONS

- Collect data
- Evaluate data and programs
- Identify health priorities with tribes
- Make recommendations for health service needs
- Make recommendations for improving health care delivery systems
- Provide epidemiologic technical assistance to tribes and tribal organizations
- Provide disease surveillance to tribes

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TRIBAL EPIDEMIOLOGY CENTERS



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AAIHB

AASTEC

Audiology

Community Health Education & Resiliency Program

Southwest Tribal NARCH

Positive Directions for Native Health

Tribal Injury Prevention Resource Center



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INDIGENOUS DATA SOVEREIGNTY PRINCIPLES AND TRIBAL GOVERNANCE

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INDIGENOUS DATA

■ Definition

- **“Indigenous data** include, “any facts, knowledge, or information about a Native nation and its tribal citizens, lands, resources, programs, and communities.
- **Information ranging** from demographic profiles to educational attainment rates, maps of sacred lands, songs, and social media activities are all data.”

Rainie, Stephanie Carroll, Desi Rodríguez-Lonebear, and Andrew Martinez. 2017. Policy Brief: Indigenous Data Sovereignty in the United States. Tucson: Native Nations Institute, University of Arizona)

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INDIGENOUS DATA SOVEREIGNTY

- **Definition** – “Indigenous data sovereignty is the right of a nation to **govern** the collection, ownership, and application of its own data.”

USIDSN core objectives:

1. Data for sovereignty
2. Data collection and access
3. Data storage and security
4. Data as intellectual property

US Indigenous Data Sovereignty Network (USIDSN) retrieved on September 18, 2022, at <https://nni.arizona.edu/news/articles/us-indigenous-data-sovereignty-network>.

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TRIBAL GOVERNANCE

Definition - “Indigenous data governance is decision making. It is the power to decide how and when Indigenous data are gathered, analyzed, accessed, and used”

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INDIGENOUS HEALTHY HOMES & HEALTHY COMMUNITIES

Albuquerque Area Indian Health Board Inc.

Albuquerque Area Southwest Tribal
Epidemiology Center

University of New Mexico College of
Pharmacy

University of Arizona

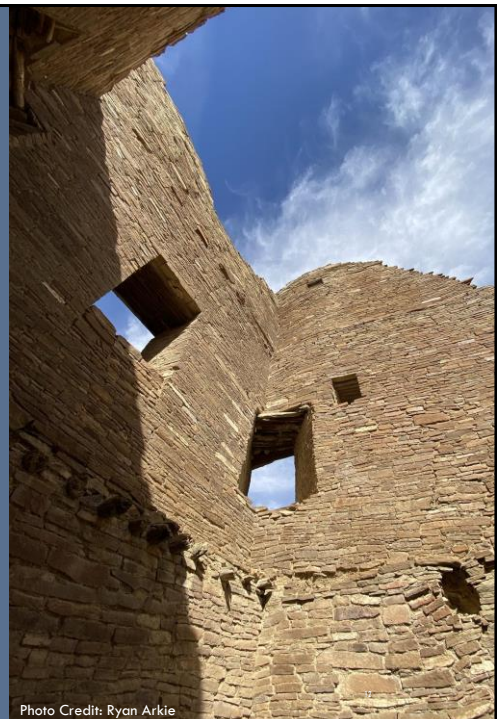


Photo Credit: Ryan Arkie

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ComPASS Team

Team Members	Role on Project
Sheldwin Yazzie, PhD, MPH, MS	Principal Investigator
Ryan Arkie, MPH	Program Coordinator & Project Specialist
Tara Carr, MD	Co-Investigator
Joseph Hoover, PhD	Co-Investigator
Sheneil Agyemang, MD	Research Assistant
Esther Erdei, PhD, MPH, MSc.	Co-Investigator



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RESEARCH OPPORTUNITY & FUNDING

Project Title:

Indigenous healthy homes and healthy communities: A community led initiative to improve health and support Indigenous Resilience in the US Southwest



Funding Source: National Institutes of Health (NIH)

Funding Award Number: 1OT2OD035674-01

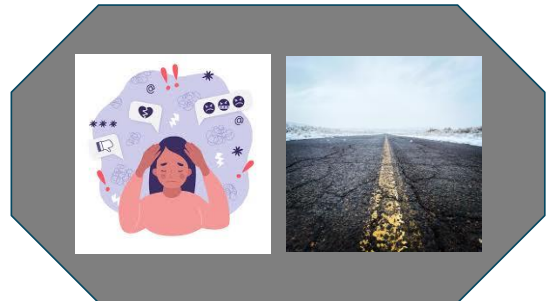
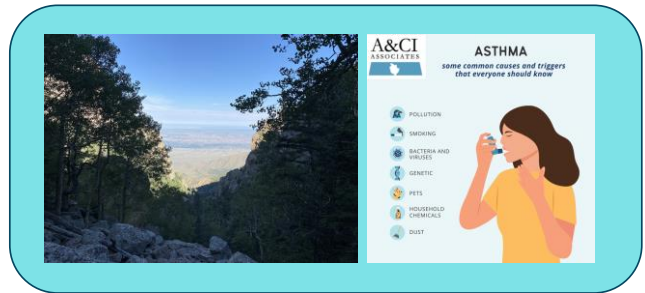
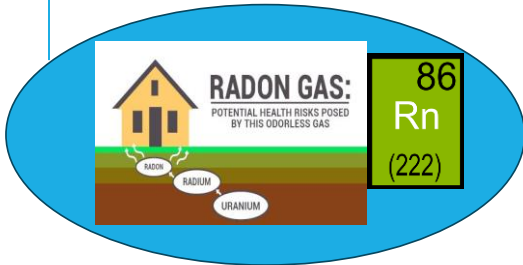
Project Period: September 20, 2023 – September 19, 2028

Poster #59

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4 FOCUS AREAS



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ANTICIPATED RESULTS AND BENEFITS

Homeowners will:

- Know their indoor radon levels
- Receive a **housing voucher** to make low-cost modifications/repairs

Participants will:

- Learn exercises to increase their balance and mobility
- Increase their knowledge of asthma triggers
- Learn ways to decrease their stress

Residents and family members will benefit from the housing repairs/modifications

Tribal members' home environments and community health will be positively impacted



Photo Credit: Ryan Arkie

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FOR MORE INFORMATION CONTACT:

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Photo Credit: Ryan Arkie

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THANK YOU

*We are advocates
for Indigenous
Data Sovereignty*

We are helpers 😊

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