
BUILDING RESEARCH CAPACITY WITH TRIBAL COLLEGES BY PRACTICING CULTURAL CAPACITY

AISES NATIONAL CONFERENCE 2017 | DENVER, CO | ROOM 709

NDSU INBRE

SESSION GOALS

Recognize

Recognize methods for tribal college engagement to build research capacity

Understand

Understand approaches to include cultural capacity building in tribal college engagement

Practice

Practice cultural capacity building

NDSU INBRE

- INBRE- IDeA (Institutional Development Award) Network for Biomedical Research Excellence
- Engage and recruit tribal college students into biomedical research through research capacity building activities
- 5 faculty, 3 staff, 1 graduate assistant

1

Conduct tribal college engagement and outreach

2

Coordinate online distance research modules w/TCUs

3

Coordinate Summer Undergraduate Research Program (SURP)

4

Collaborate with a tribal college in western ND on a tribal air quality pilot project

RESEARCH CAPACITY BUILDING

I. TRIBAL COLLEGE ENGAGEMENT



TCUs

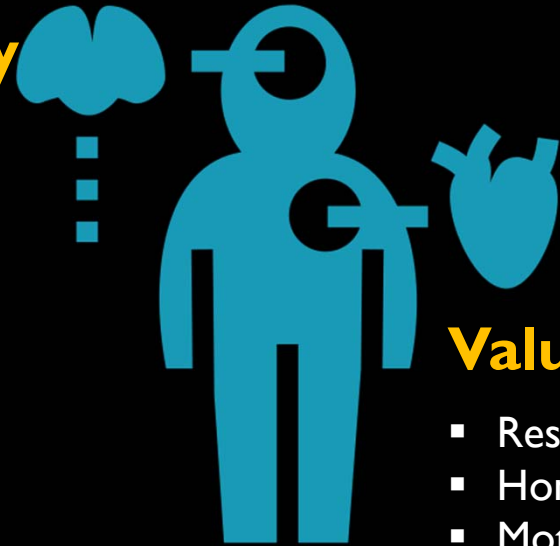


Students

Staff/Faculty

Engagement

- Career Fairs
- Welcome Week
- Class Presentations
- Guest Lectures
- Stakeholder Meetings
- Newsletter
- Social Media



Values

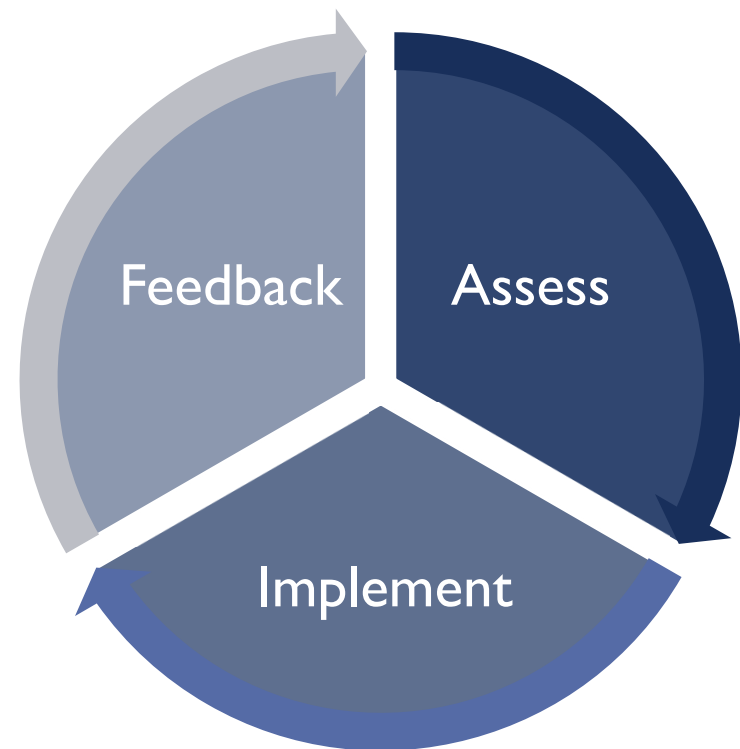
- Respect
- Honesty
- Motivation

2. COORDINATE ONLINE DISTANCE RESEARCH MODULES

- Encourage students to pursue research careers
- Pre-recorded lectures
- Webinars
- Variety of topics

<https://www.ndsu.edu/publichealth/inbre/>

<https://www.youtube.com/channel/UCWyLPojBH2yyiI14clBew0g>



3. COORDINATE SURP

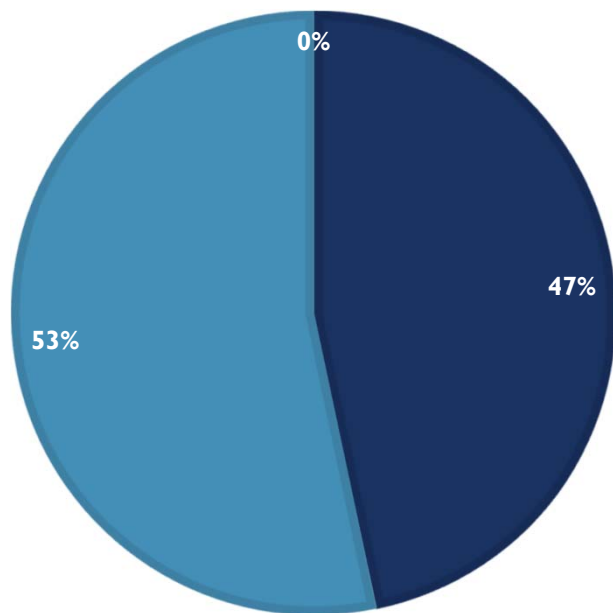
- 2 week intro to research careers
- Meals, housing, travel, completion fee
- 13 students over the course of 3 years



SURP OUTCOMES

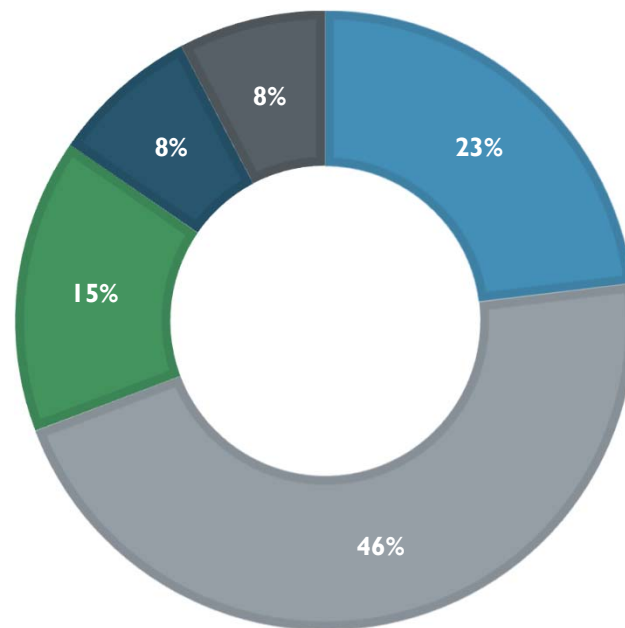
GENDER

■ Male ■ Female ■ LGBTQ2+



MATRICULATION

■ TCU ■ NDSU ■ UND ■ High School ■ Graduated





SURP

Research 101

Research ethics

Lab tours

Case study

Indigenous Research Methods

Professional Development

Mentoring

Team Building

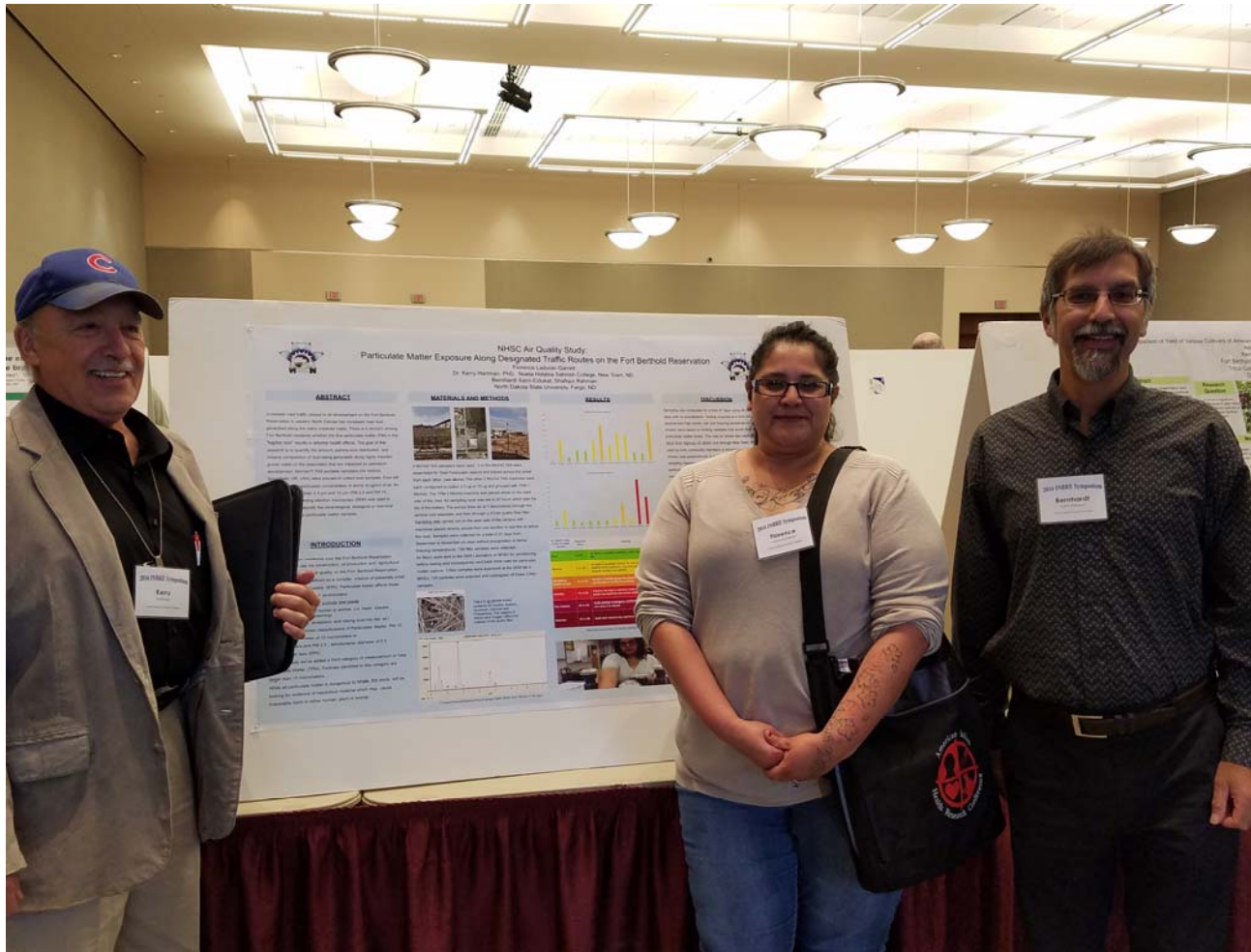
Intro to Public Health

Writing Workshops

Nation Building

INCLUDING CULTURAL CAPACITY

Curriculum	Case Study	Indigenous Research Methods	Nation Building
Lesson	Human protections in tribal communities: The Havasaupi Tribe	Community engagement and indigenous research paradigms	The 5 tenets of NB and decision-making in tribal communities
Activity	Read case of the Havasaupi Tribe and watch video	Read Research is Ceremony, guest lectures from local experts in Indigenous Research (i.e. Don Warne, Michael Yellowbird)	Learn the 5 tenets of NB v. the standard approach, Read Tribal Constitution,
Outcome	Understand significance of human protections, informed consent, tribal IRBs, and sovereignty	Learn indigenous research paradigms, terminology, and methods to engage a tribal community in research	Recognize characteristics of sovereignty through NB strategies, List the 5 tenets of NB



4. COLLABORATE ON AIR QUALITY PROJECT

- Pilot Project
- Investigate the concerns of air quality in Fort Berthold
- NHSC students collect and analyze particulate matter samples
- INBRE provides assistance with analysis, access to research labs, and equipment



REPORTING BACK TO STAKEHOLDERS

- SURP Report
- Monthly Newsletters
- Stakeholder Meetings
- Social Media Announcements

INCLUDING CULTURAL CAPACITY



- Common values
- Build upon partnership
- Practical
- Relate



HOW CAN YOU INCLUDE CULTURAL
CAPACITY?

REZ CAFE

- Split into 4 groups
- Brainstorm
- Create
- 2 minute to wrap up
- 10 minutes all groups report back

family & friends.
up
popularity

if you want to buy cigarettes @ stores
companies want to make people addicted to
so they will keep buying.
- Have to a certain distance away
from schools & churches when smoking

5.) Public Policy / Society

- Age restricted
- Taught in
classes
- Diagram of the
lungs vs. smoking
- Commercials of
happens when people
- Makes businesses
grow to produce it
(Plays own econ
role in the market)

GROUPS

- What does cultural capacity look like to you?
- What are some innovative ways to include cultural capacity in your work?
- What are some innovative ways to report back to your stakeholders?
- How can you strengthen cultural capacity when working with tribal colleges?



REPORT BACK

MIIGWECH! PILAMAYE! MAACI GIRAAC!

NDSU INBRE

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