BUILDING RESEARCH CAPACITY WITH TRIBAL COLLEGES BY PRACTICING CULTURAL CAPACITY

AISES NATIONAL CONFERENCE 2017 | DENVER, CO | ROOM 709
NDSU INBRE
<table>
<thead>
<tr>
<th>SESSION GOALS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recognize</strong></td>
</tr>
<tr>
<td>Recognize methods for tribal college engagement to build research capacity</td>
</tr>
<tr>
<td><strong>Understand</strong></td>
</tr>
<tr>
<td>Understand approaches to include cultural capacity building in tribal college engagement</td>
</tr>
<tr>
<td><strong>Practice</strong></td>
</tr>
<tr>
<td>Practice cultural capacity building</td>
</tr>
</tbody>
</table>
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
1. TRIBAL COLLEGE ENGAGEMENT

TCUs

Staff/Faculty

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

Students

Values
- Respect
- Honesty
- Motivation

This Photo by Unknown Author is licensed under CC BY
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/UCWyLPojBH2yyiIL4cIbew0g
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: 0%
- Female: 53%
- LGBTQ2+: 47%

MATRICULATION

- TCU: 23%
- NDSU: 8%
- UND: 8%
- High School: 23%
- Graduated: 46%
<table>
<thead>
<tr>
<th>Curriculum</th>
<th>Case Study</th>
<th>Indigenous Research Methods</th>
<th>Nation Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lesson</td>
<td>Human protections in tribal communities: The Havasupi Tribe</td>
<td>Community engagement and indigenous research paradigms</td>
<td>The 5 tenets of NB and decision-making in tribal communities</td>
</tr>
<tr>
<td>Activity</td>
<td>Read case of the Havasupi Tribe and watch video</td>
<td>Read Research is Ceremony, guest lectures from local experts in Indigenous Research (i.e. Don Warne, Michael Yellowbird)</td>
<td>Learn the 5 tenets of NB v. the standard approach, Read Tribal Constitution,</td>
</tr>
<tr>
<td>Outcome</td>
<td>Understand significance of human protections, informed consent, tribal IRBs, and sovereignty</td>
<td>Learn indigenous research paradigms, terminology, and methods to engage a tribal community in research</td>
<td>Recognize characteristics of sovereignty through NB strategies, List the 5 tenets of NB</td>
</tr>
</tbody>
</table>
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
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?
MIIGWECH! PILAMAYE! MAACI GIRAAC!

NDSU INBRE
PEARL WALKER-SWANEY
PEARL.WALKER@NDSU.EDU