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Protecting Our Future: Environmental Health and Indigenous Child Well-Being



Dr. Vanessa Simonds Montana State University



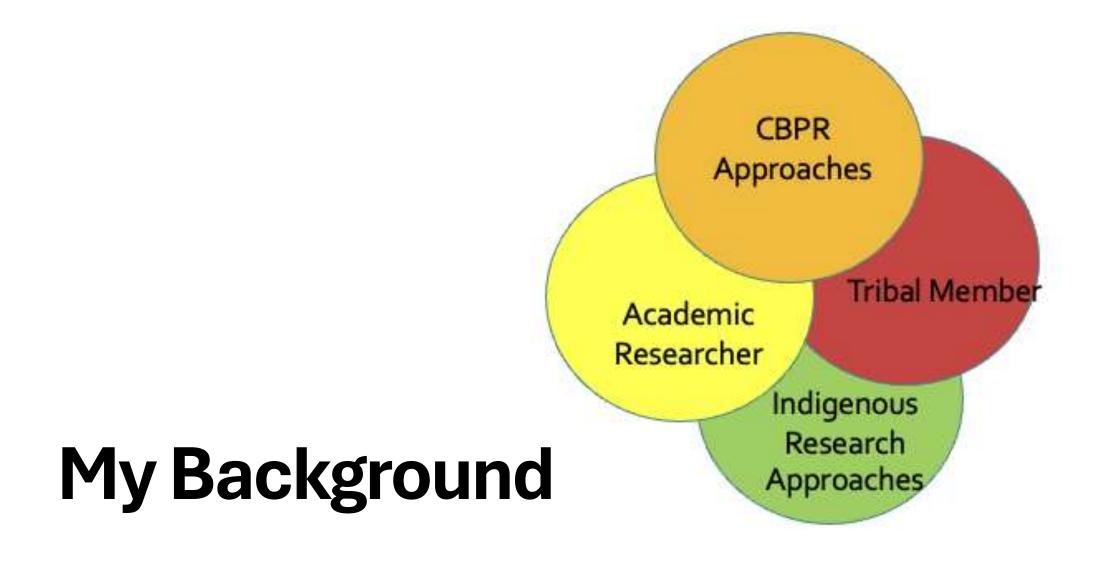
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Community-Based Participatory Research

"A collaborative approach to research that equitably involves all partners in the research process and recognizes the unique strengths that each brings. CBPR begins with a research topic of importance to the community and has the aim of combining knowledge with action and achieving social change..."

W.K. Kellogg Community Health Scholars Program

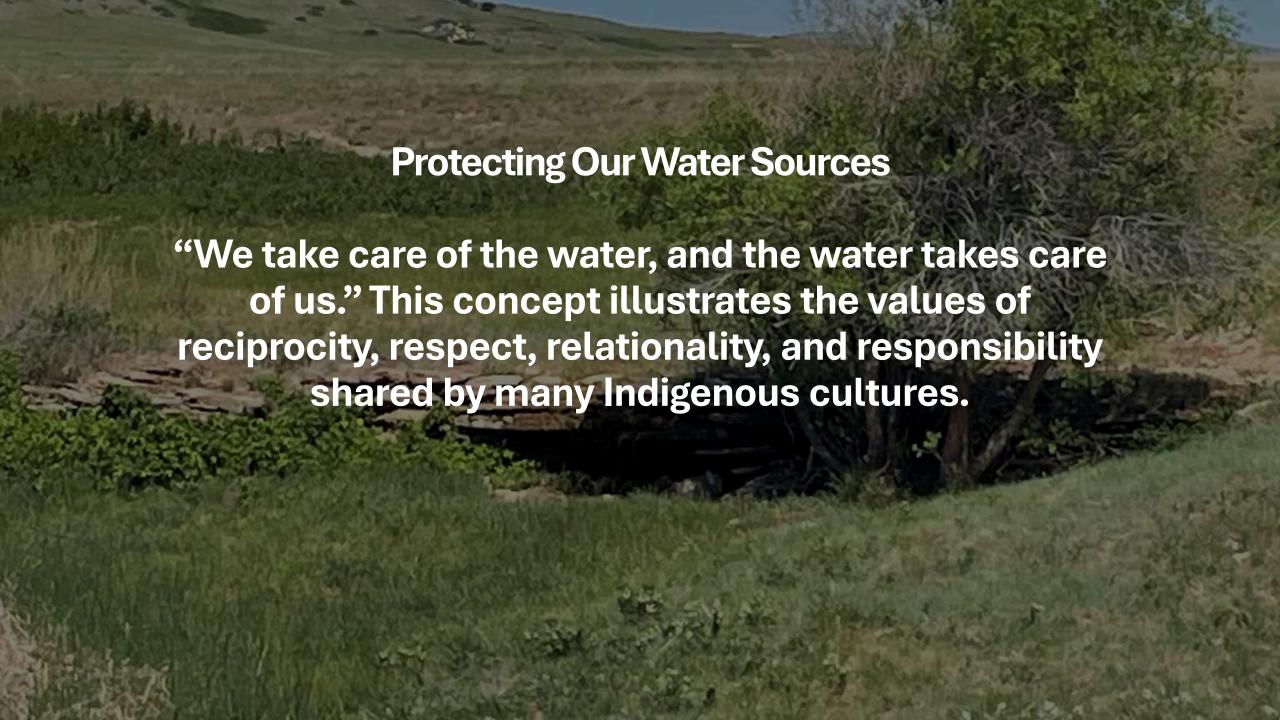


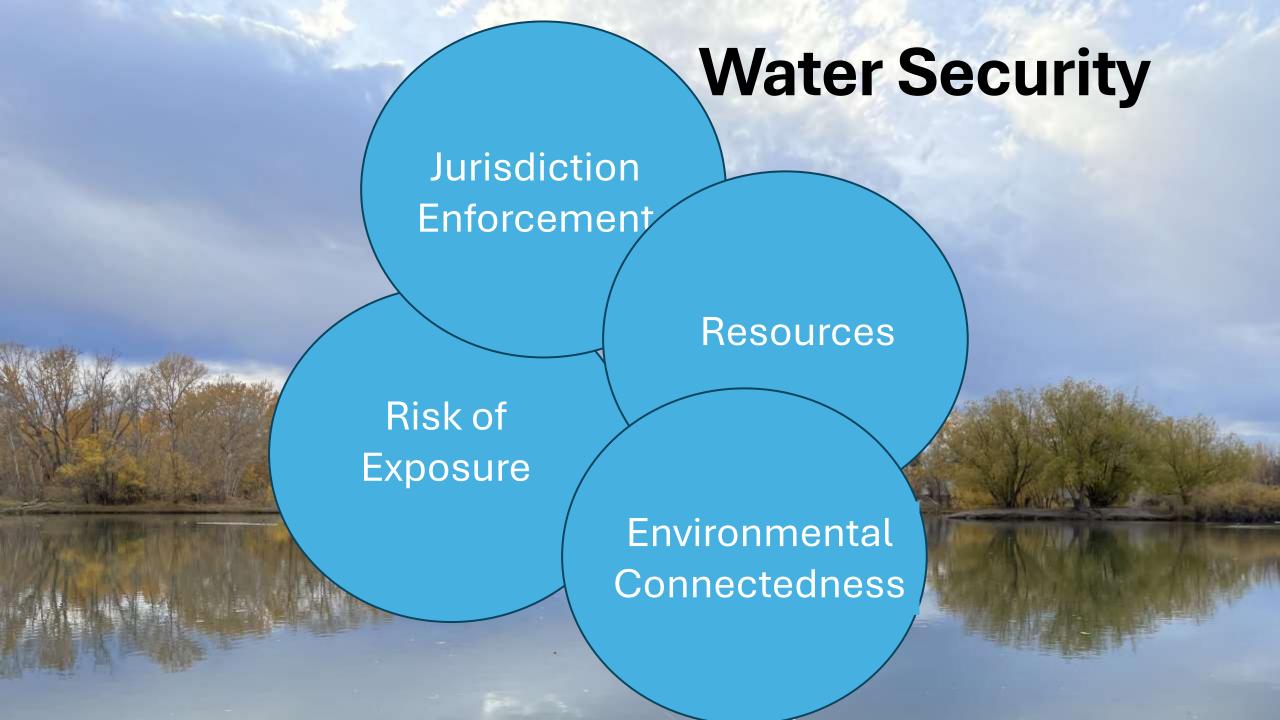
Indigenous Approaches to Research

Methods for acquiring knowledge are as important as actual knowledge

Principles of Indigenous methodology are incorporated throughout the research process









Relationships

Advisory Boards/ Steering Committees

Partner

Partner with key community leaders

Provide

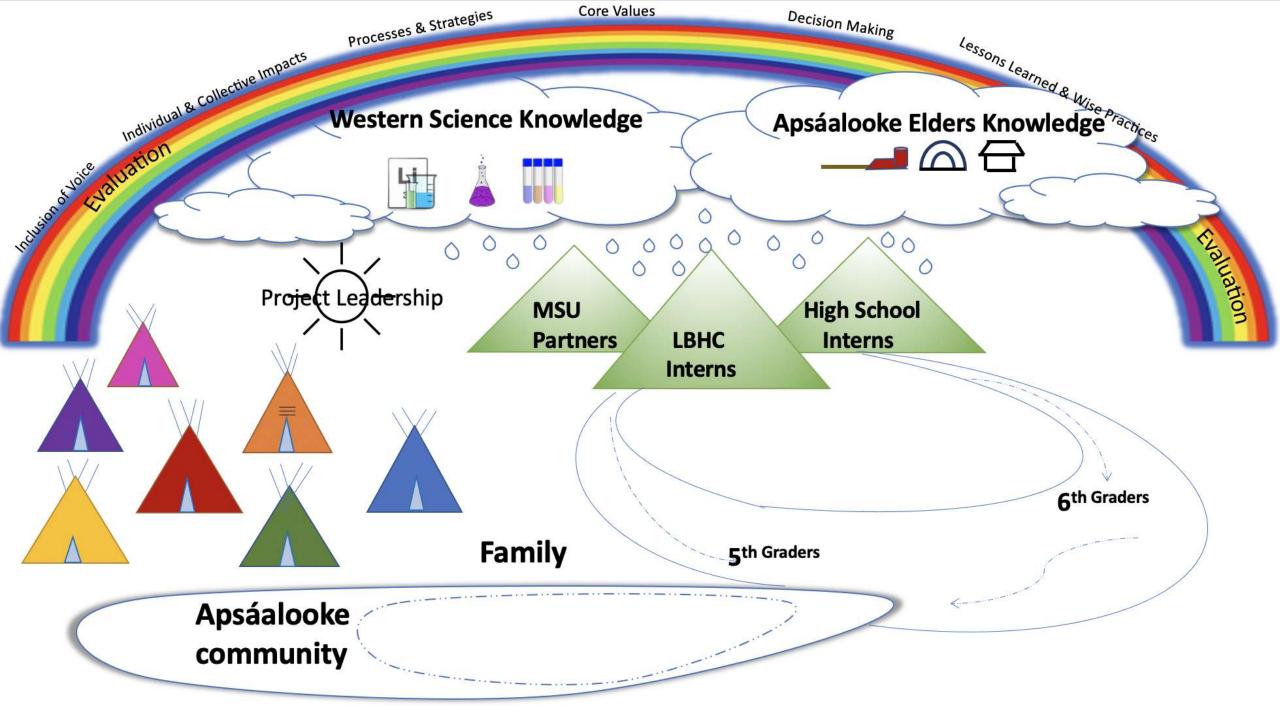
• Provide direction and advice for all areas of program

Include

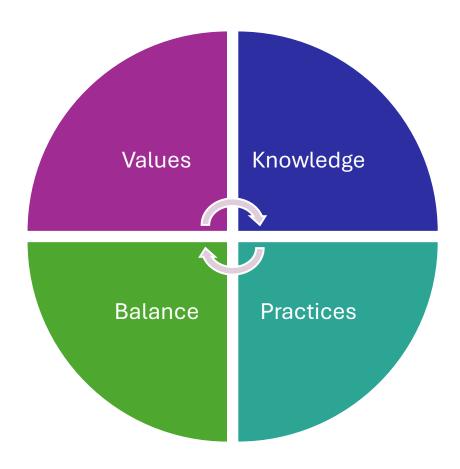
• Include a variety of experiences

Benefit

Benefit from shared Expertise



Centering Apsáalooke Ways of Knowing





Values

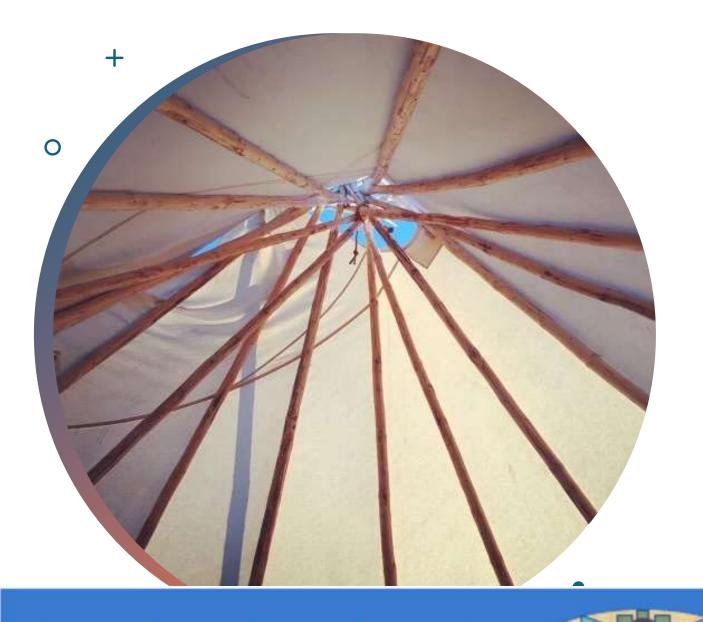
- Gratitude
- Only take what you need
- Environmental Connectedness:
 - "Crow country is the most beautiful place on earth"
- Reciprocity: "Take care of the land and the land takes care of us" & "Giving back to community"
- Generational Learning & Clan System





Crow Knowledge

- Water is sacred element of creation story.
- Water is powerful and takes care of us.
- Observation and Knowledge.



Practices

- Feeding the River
- Prayer
- Sun Dance
- Sweat Lodge

Balance

• "Every story has an Indigenous perspective, an Apsáalooke side of story that is equally important."

 Mentors bring who they are into their research.



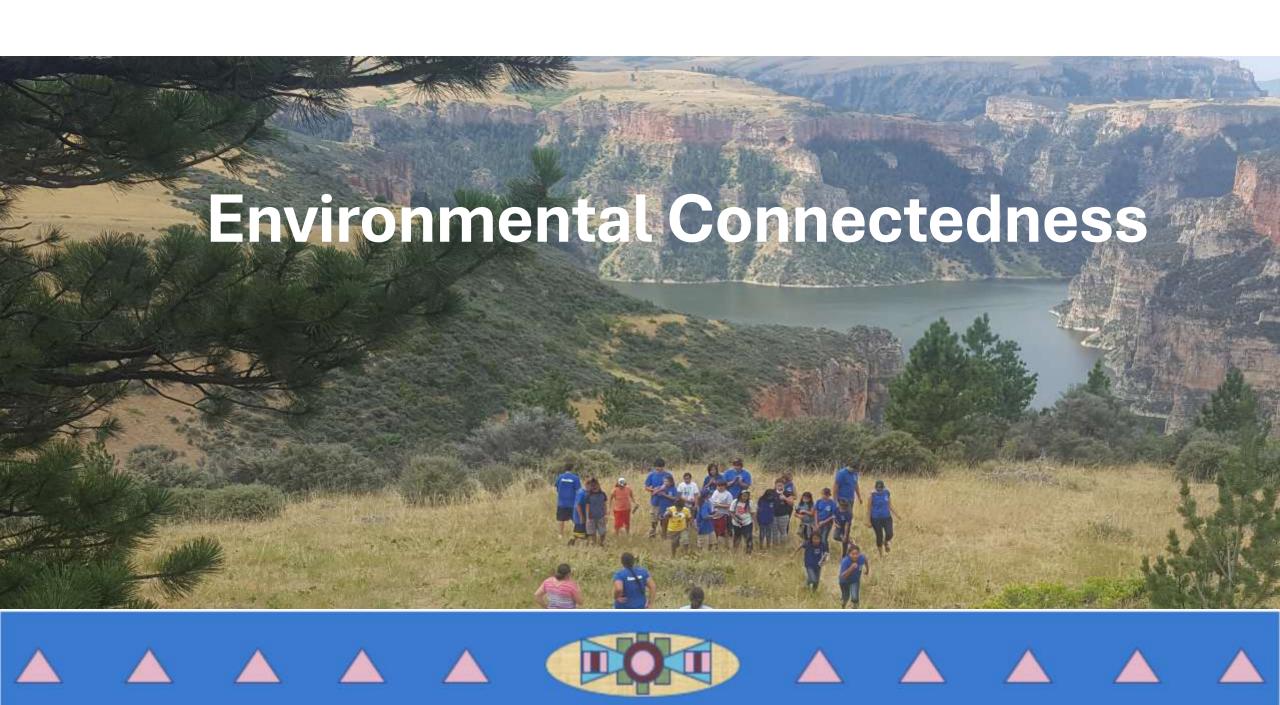
Shússhua (Mint) Activity







Chihpachíiskisshe (Yarrow) Walk





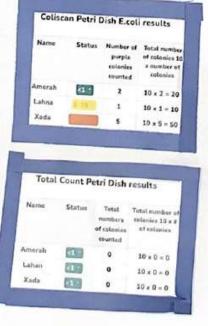






Two Leggings Fishing Access Site











Family Connectedness



Parent Perspective:

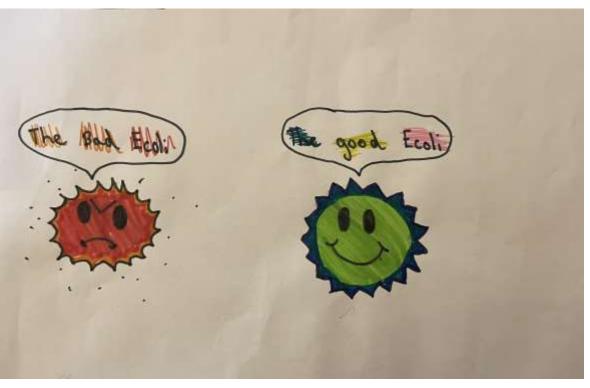
"If the children can convince their families and their friends, and then they'll convince the community and you know we all need to take initiative to help clean our water.



Community Connectedness







Impact of Programs

Responsibility

Valuable

 Make sure program is valuable to the community.

Culture-Centered

• Make sure that program is conducted in culturally centered manner.

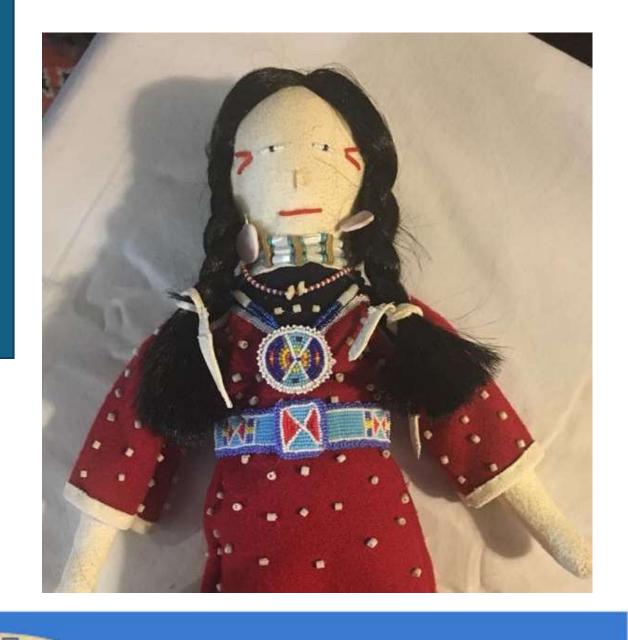
Sustainable

• Make sure program is sustainable.





• "You have the strength of the clan system of the Crows' powerful culture that's here, very powerful. You know it's the love of our people as Apsáalooke, of Crow people....It's so strong there are no words to describe how strong it is,"



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References

- Simonds, V. W., & Christopher, S. (2013). Adapting Western research methods to indigenous ways of knowing. American journal of public health, 103(12), 2185-2192.
- Martin, C.**, Simonds, V.W, Young, S.**, Doyle, J.**, Lefthand, M.**, & Eggers, M.E. (2021). Our relationship to water and experience of water insecurity among Apsáalooke (Crow Indian) people, Montana. International Journal of Environmental Research and Public Health. 18(2), 582
- **Simonds, V.W.,** Margetts, M.*, & Rudd, R. (2019). Expanding environmental health literacy—A focus on water quality and tribal lands. *Journal of Health Communication*.
- **Simonds, V.W.,** Kim, F., LaVeaux, D.*, Pickett, V.**, Milakovich, J.*, & Cummins, J.** (2019). Guardians of Living Water: Using a Health Literacy Framework to Evaluate a Child as Change Agent Intervention. *Health Education & Behavior.* 46 (2).
- Milakovich, J.*, **Simonds, V.W.,** Kim, F., Pickett, V.**, Held, S., LaVeaux, D.*, Martin, C.**, Cummins, J.**, & Kelting-Gibson, L. (2018). Children as agents of change: Parent perceptions of child-driven environmental health communication in the Crow community. *Journal of Health Disparities Research and Practice*. 11 (3), 115-127.
- LaVeaux, D.*, **Simonds, V.W.**, Pickett, V.**, Cummins, J.**, & Calkins, E.* (2018). Developing a Curriculum for Change: Water & Environmental Health Literacy in a Native American Community. *Progress in Community Health Partnerships: Research, Education, and Action*. 12 (4), 441-449.
- Ullrich, J. S. (2019). For the love of our children: An Indigenous connectedness framework. AlterNative: An International Journal of Indigenous Peoples, 15(2), 121-130.

