



Education, Outreach, & Diversity Highlights:
Wind River Education Programs

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General EOD Program Framework



UNIVERSITY OF WYOMING

Office of Research and Economic Development

Track 1- Wyoming Center for Environmental Hydrology and Geophysics (WyCEHG)



Wyoming K-12 Teacher Trainings

Community College Programs

Ecohydrogeophysics Camp (JSU)

Communicating About Water

Disability Awareness

Wyoming Women in Science and Engineering (WWISE)

Multicultural Association of Student Scientists and Conference travel to AISES and SACNAS

WIND RIVER EDUCATION PROGRAMS

High Plains American Indian Research Institute (HPAIRI)

Water Interest Groups (WIGs)

NCAR-Educational Resources

Summer Research Apprentice Program (SRAP)

Undergraduate Research Fellowships

Undergraduate Research Day

Undergraduate Research Symposium



Program Highlight of 2014: Wind River Education Programs

Our goal: Develop programs through strong collaborative partnerships with the Wind River Indian Reservation (WRIR), the only reservation in Wyoming.

Challenges:

- Distance-- nearly 4 hours from Laramie
- Past disappointments
- Few established relationships
- Uncertainty about needs
- Two different tribes with diverse needs and culture



But, in each challenge was a greater
OPPORTUNITY



Education Roundtables

Hosted two large Education Roundtable discussions in Fall of 2013 and Spring of 2014

- Facilitated by outside party
- Community driven
- Identified needs
- Collaboration with educators, community leaders, and agency representatives



Main program components include:

- Education support for K-12 by providing resources, teacher trainings, in class demonstrations
- Developing an Outdoor Classroom
- Placing stream gauges and MET stations
- Community engagement through water fairs and outreach.

In June we visited with the Joint Business Council of the Northern Arapaho and Eastern Shoshone Tribes where they approved our plan. We then organized a hiring committee for Wind River Education Coordinator based in Fort Washakie (August 2014) .

Program Implementation

Underway or completed:

- Hired Wind River Education Coordinator, Jennifer Wellman (September 2014)
- In-class education demonstrations (Fall/Winter 2014)
- Teacher Training with Teton Science Schools (November 2014)



Coming up:

- Identification of outdoor classroom space
- Development of resource boxes for teachers
- Community Water Fair



WyCEHG Involvement

- Instrumentation: place monitoring equipment
- Help with Teacher Trainings
- Work with Jennifer to do in-class or outside demonstrations



Thank you