

Research in Action Panel Discussion - Resources

Lindsey Albertson:

- [Caddisflies. Engineering an Ecosystem](#)
- [The Rock Pack Experiment](#)
- [Videos and K-12 Resources](#) from the Albertson Lab

Madison Myers:

- madison.myers@montana.edu
- [Online Yellowstone Geology Map](#)
- [Skype - A - Scientist](#)
- [Montana Science Center](#)
- [Girls Who Code](#)

David Mogk:

- mogk@montana.edu
- [iCAL website](#)
- [Murdoch Charitable Trust](#)
- [The Earth Exploration Toolkit](#), also at SERC, has numerous (20+) tutorials on accessing, downloading, plotting data, interpreting results using a wide variety of earth data. This is an award-winning project.
- Also at MSU for undergraduate research is the [Undergraduate Scholars Program](#) which awards up to \$750/semester to support research and other creative activities.
- The [American Geosciences Institute](#) has extensive information on workforce preparation in the geosciences, including future job forecasts,, profiles of active geoscientists, demographics of the workforce, where recent students got jobs and much.
- I wrote a recent paper on the Intersection of Geoethics and Diversity: <https://sp.lyellcollection.org/content/508/1/67>. This explores the strength in diversity we realize from multiple perspectives.

Jason Baldes:

- Jason's keynote session recording from the Science Summer Institute 2021: [Finding Your Buffalo: Culture, Change, and Curriculum - August 9, 2021](#)
- Tribal Bison Restoration: www.nwf.org/tribalbison
- OPI Indian Education resources related to Jason's presentations
 - [Bison Restoration Lesson Resources](#)
 - [Resources from Native Perspectives and Voices of the 21st Century with Jason Baldes](#)
 - [Finding Our Roots - Food Sovereignty Unit](#)
 - [Wyoming PBS film with Jason: Shoshone Buffalo Return](#)
 - [Museum of the Rockies Bison Kit and Traditional Games Kit info](#)
 - [InterTribal Buffalo Council Short Film: Returning the Buffalo](#)

Eric Sproles:

- The Teach the Earth portal has huge resources of evidence-based, peer-reviewed teaching activities from the Science Education Resource Center, supported by NSF. Take some time to browse through: <https://serc.carleton.edu/teachearth/index.html>
- [Regard3D](#)
- [NASA SnowEx](#)

Rob Walker:

- Montana NSF EPSCoR: [Consortium for Research on Environmental Water Systems](#) (CREWS)
- rawalker@montana.edu

Suzi:

- [Hilleman Scholars](#) - This program identifies Montana students from disadvantaged backgrounds that historically do not attend college. Students should show evidence of significant academic, leadership and career potential.
- [Undergraduate Research at MSU](#)

Shared by Katie Capp:

- In my classroom I love using the resource [Data Nuggets](#). It offers a very student-friendly template that researchers/grad students can use for creating their own Data Nugget that can be used by students in many classrooms.

Jennifer Stadum - Cultural Relevancy Resources

A Taste of Heritage: Crow Indian Recipes and Herbal Medicines - Alma Hogan Snell

The Sun Came Down - Percy Bullchild

Sacred Ecology - Fikret Berkes

Giving Voice to Bear - David Rockwell

Who's Asking: Native Science, Western Science, and Science Education - Douglas Medin and Megan Bang

Braiding Sweetgrass - Robin Wall Kimmerer

Native Science: Natural Laws of Interdependence - Gregory Cajete

People Before the Park - Sally Thompson

Blackfoot Physics - David Peat

I Will Be Meat For My Salish - Montana Writing Project

[Harvard Implicit Bias Test](#)