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Professional Preparation

1986 University of Wyoming, B.S., English and Secondary Education

Appointments

2008- President, Redwing Research
1990- Senior Researcher, Inverness Research

Publications

The Community Science Workshop Network Story: Becoming A Networked Organization. February 2014.

Voices of the AMSP: The Appalachian Mathematics and Science Partnership Conference Monograph. September 2012.

Playful Invention and Exploration (PIE) Institute Project: Final Evaluation Report. October 2008.

Ten Years of Youth Programs at the American Museum of Natural History: An Independent Perspective and Lessons Learned. January 2008.

How Do You Get the Numbers to Dance? Effective Educational Practices in Mathematics for Native American Learners. September 2007.

Synergistic Activities

Center for the Advancement of Informal Science Education. Senior researcher working on the evaluation of an NSF-funded center designed to support and improve the field of informal science education, through conferences, online infrastructure, and resources (2007-present).

NWP Intersections. Evaluator of an NSF-funded project to create a partnership between the National Writing Project and the Association of Science-Technology Centers, and a national network of 10 local partnership sites, where local writing project sites and science centers collaborate to offer innovative science literacy programs (2012-present).

Maine Physical Sciences Partnership: Evaluator of an NSF-funded project to improve the teaching and learning of physical sciences in grades 6-9, improve teacher preparation and entry-level STEM classes at the University of Maine, and build a sustained partnership between rural schools and local institutions of higher education (2009-present).

BioScience Montana. Evaluator of an NIH-funded project to connect rural middle and high school students participating in 4-H across Montana with science researcher and graduate students at

Montana State University-Bozeman to introduce students to current science research, and engage in scientific investigations in their home counties (2009-present).

Community Science Workshops: Evaluator of a grant to support a network of Community Science Workshops throughout California who provide afterschool and outreach tinkering and making programs in rural and underserved communities (2011-2014).

PIE Institute. Evaluator of an NSF-funded project at the Exploratorium providing professional development to informal science educators on combining art, tinkering and science (2005-2008).

Rapid City Area Schools, South Dakota (PRIME). Evaluator for a Math Science Partnership (MSP) sponsored by NSF to support K-12 elementary math education reform (2002-2012).