

Karla Bradley

Post Office Box 141

McCall, Idaho 83638

telephone: 208.301.4794

Education

PhD, Natural Resources

University of Idaho, Moscow, Idaho; Fall 2007

Dissertation title: Curriculum theory in four graduate environmental education residency programs: A critical philosophical inquiry

Dissertation used a case study methodology to expose curriculum theory in four residency programs for the preparation of environmental educators. Products included a study of various educational philosophies and their appropriateness for ecologically sensitive, socially just education; case studies exploring how four institutions put philosophy and theory into practice; and a synthesis of curriculum theories and philosophies that support the goal of preparing educators for ecologically sensitive, socially just education.

MEd, Curriculum and Instruction

University of Idaho, Moscow, Idaho; Fall 2008

Project title: The development of tools to authentically assess students' development of inquiry skills in a residential environmental education program

Project developed a rubric to assess student learning in a scientific inquiry process conducted by 5th and 6th graders as part of their experience in the residential environmental education program at the McCall Outdoor Science School.

MS, Conservation Social Sciences

University of Idaho, Moscow, Idaho; Spring 2003

Thesis title: Evaluating the Beverly Johnson Leadership Project.

Thesis evaluated an environmental education program for minority high school youth, a partnership between Teton Science School and two high schools in South Los Angeles

Graduate Certificate in Environmental Education

Teton Science School, Grand Teton National Park, Wyoming, August 2002

Coursework in ecology, education, and leadership courses at a residential environmental learning center, in partnership with Utah State University.

BA, Studio Art and American Studies

Williams College, Williamstown, Massachusetts; Spring 1995, cum laude

Highest Honors, thesis in Studio Art

Academic All-American, National Women's Lacrosse Association

Co-Captain, Women's Varsity Lacrosse

Class of 1960 Scholar in Art and American Studies

Karla Bradley

Post Office Box 141

McCall, Idaho 83638

telephone: 208.301.4794

Experience

Director of Education, McCall Outdoor Science School, 2003 - present
Assistant Professor, University of Idaho, Department of Conservation Social Sciences, Appointed January 2009

Design, manage and evaluate K12 and graduate level curriculum in a residential environmental learning center. Mentor and instruct graduate students and AmeriCorps members in a professional residency experience. Design and deliver teacher workshops. Manage budget, market and recruit participants; create new programs, assess student outcomes. Collaborate with staff to write grants. Serve on graduate committees. McCall, Idaho

Courses Taught:

CSS 561: Ecological Inquiry for Environmental Educators

Principle Instructor, Spring 2009 - present

The focus of this course is an exploration of various ecological and natural resource management issues from a social perspective. Students develop in-depth understanding of the range of scientific and social perspectives on local ecological issues

CSS 563: Place-based Environmental Education

Principle Instructor, Fall 2003 – present

This course focuses on philosophies and methods for helping students of all levels develop understandings of and positive attitudes towards the ecological and social communities in which they live.

CSS 562: Field Science Teaching

Co-Instructor, Fall 2003 - present

This course focuses on preparing graduate residents at the McCall Outdoor Science School to teach an environmental education / outdoor science curriculum to students in 5th – 8th grades through exploration of curriculum content and instructor modeling of teaching techniques. Topics include fire ecology, succession, water quality testing, macro-invertebrate identification, winter ecology, snow science and field journaling.

CSS 567, 568, 569: Environmental Education Teaching Practicum

Co-Instructor, Fall 2003 – present

These courses are designed to give graduate residents at the McCall Outdoor Science School hands-on experience teaching K12 residential and outreach environmental education programs. Faculty mentors observe students while they are teaching, planning and evaluating their programs and help to facilitate growth and learning from practicum experiences.

Karla Bradley

Post Office Box 141

McCall, Idaho 83638

telephone: 208.301.4794

Experience **Teaching Assistant**

University of Idaho, Department of Conservation Social Sciences

CSS 304: Field Studies in Conservation Social Sciences

Co-Instructor; *Spring 2004 – 06*

This field-based course explores human dimensions of natural resource issues throughout the inter-mountain west, including development in mountain towns with a tourism economy, conservation easements in the Sawtooth region of Central Idaho, bison and elk management and sustainable tourism in Grand Teton National Park, wolf reintroduction and snowmobiling in Yellowstone National Park and the history of ranching in western Montana.

CSS 491: Wilderness Leadership for Personal Growth

Co-Instructor; *Spring 2005*

This course explores the use of wilderness areas as a classroom for personal growth, including the exploration of adventure leadership programs like Outward Bound and NOLS, wilderness therapy and service-oriented programs like the Student Conservation Association.

CSS 572: Human Dimensions of Restoration Ecology

Teaching Assistant; *Spring 2004*

This course discusses the role of human values in ecosystems management and restoration, specifically the role of economic, social, and cultural values in decisions regarding the preservation and restoration of ecosystems.

Field and Classroom Instructor, Teton Science School

Instructor for elementary, middle and high school students in year-round residential outdoor education programs in the Greater Yellowstone Ecosystem; taught Outreach curriculum in schools in Montana, Wyoming and Utah; developed and implemented curriculum focusing on natural history, research and student development in a student centered learning environment that emphasizes a sense of place. Jackson Hole, Wyoming, *August 2001 – August 2002*

Crew Leader, Student Conservation Association

Supervise high school aged crewmembers in trail building and conservation work in remote settings for public land management agencies; trips include up to 35 days in wilderness settings with minimal support; designed and implemented outdoor education curriculum centered around conservation, natural history and teamwork skills;

- Frank Church Wilderness, Payette National Forest, Idaho, June – July 2005
- Denali National Park, Alaska, June – August 2004
- Matanuska-Susitna Borough, Palmer, Alaska, July 2003

Field Leader, Northwest Youth Corps Outdoor School, AmeriCorps Member

Led high school age field crew members in their completion of conservation projects in an alternative school that combines classroom education with field studies and outdoor work experience; Eugene, Oregon, *August 2000 – August 2001*

Invited

Presentations

“*McCall Outdoor Science School: Engaging Students as Scientists*”, Idaho NSF EPSCoR Statewide Meeting, Moscow, ID 2009

“*McCall Outdoor Science School: People, Programs and Practices*”, Engaging America’s Talent: National Science Foundation Outreach Conference, Little Rock, AR, 2010

Conference

Presentations

“*Evaluating the Beverly Johnson Leadership Project*”, North American Association for Environmental Education National Conference, Anchorage, AK, October 2004

“*Standing on the shoulders of giants... sometimes*”, North American Association for Environmental Education National Conference, St. Paul, MN, October 2006

Karla Bradley

Post Office Box 141

McCall, Idaho 83638

telephone: 208.301.4794

“Curriculum theory for graduate residencies in environmental education”, Residential Environmental Learning Center National Conference, Jackson, WY, February 2006
“Assessing Inquiry Skills in a Nonformal Setting”, North American Association for Environmental Education National Conference, Portland, OR, October 2009
“A multi-tiered approach to service learning”, North American Association for Environmental Education National Conference, Portland, OR, October 2009

Memberships

Idaho Environmental Education Association
North American Association for Environmental Education
National Science Teachers Association

Publications

Bradley, K. and Harris, C, 2004. Evaluation Report: the Beverly Johnson Leadership Project; prepared for Teton Science School, Jackson, Wyoming
Bingaman, D., & Bradley Eitel, K. (2010). Boulder Creek Study. *Science and Children*, 47(6), 52 - 57.

**Grants
Received**

Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2009. Scholarship Support for MOSS Graduate Students. DeVlieg Foundation. \$16,000.
Fizzell, G., S. Hollenhorst and K. Bradley. 2009. Valley County Outreach Programs. Perc H. Shelton and Gladys A. Pospisil Fund of the Idaho Community Foundation. \$2,500.
Westerfield, L. and S. Hollenhorst, G. Fizzell, K. Bradley. 2009. K-12 Residential Outdoor Science Program General Support. Steve Leuthold Family Foundation. \$10,000.
Fizzell, G., S. Hollenhorst and K. Bradley. 2009. Southwest Idaho Learning Initiative. Whittenberger Foundation. \$5,000.
Bradley, K. 2008. Service Learning in CSS 565. University of Idaho Service Learning. \$650
Westerfield, L. and G. Thompson, K. Bradley, G. Fizzell. 2008. Developing a Leave No Trace curriculum for MOSS. \$10,000
Westerfield, L. and C. O'Brien-Feeney, K. Bradley. 2008. Service-Learning and Research with McCall High School. New Belgium Brewing Company. \$3,000
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. Community Energy Partnership - Energy Audits. UI Extension Community Development Grant. \$4,366.
Westerfield, L., and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. MOSS Graduate Student Travel to Taylor Ranch. UI Taylor Ranch. \$1,000.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. General Support for MOSS K-12 Programs. Charlotte Martin Foundation. \$10,000.
Bradley, K., S. Hollenhorst, L. Westerfield, G. Fizzell. 2007. Developing Authentic Assessment Tools for Effective K-12 Education. Paul G. Allen Foundation. \$60,000.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. Scholarship Support for MOSS Graduate Students. DeVlieg Foundation. \$16,000.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. Support for McCall-Donnelly School Programs at MOSS. Perc H. Shelton & Gladys A. Pospisil Shelton Foundation, Idaho Community Foundation. \$3,000.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. Community Energy Partnership - Energy Audits. Idaho Community Foundation - Walter

Karla Bradley

Post Office Box 141

McCall, Idaho 83638

telephone: 208.301.4794

& Leona Dufresne Fund, Idaho Community Foundation. \$1,500.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. McCall-Donnelly High School Programs at MOSS. Mountaineers Foundation. \$3,000.
Westerfield, L. and S. Hollenhorst, K. Bradley, G. Fizzell. 2007. Underwriting K-12 Outreach Program in the Treasure Valley of Idaho. Lightfoot Foundation. \$2,500.

Certifications

Wilderness First Responder (WFR), Wilderness Medicine Institute of the National Outdoor Leadership School
• *Initial certification, 2001; current through March 2011*

CPR, *American Red Cross*
• *current through March 2011*
Project WET curriculum
Project WILD curriculum
Project Learning Tree curriculum

Other Professional Experience

Associate Director, Works of Art for Public Spaces
Managed projects from proposal to completion and served as liaison between artists, architects and clients of a public art consulting firm specializing in art commissions for architecture and the environment with a concentration in urban design and community development; Projects included an arts-led economic development plan for the City of Peekskill, New York; sculpture commissions in New York, Philadelphia, and Tokyo. *June 1996 – April 1999*
Assistant to Benefit Coordinator, The Archives of American Art and Henry Street Settlement; worked closely with coordinator and members of the Boards of Trustees to organize benefit events raising over \$150,000 and \$400,000 respectively for non-profit agencies; New York City, *October 1995 – March 1997*

Other Skills and Interests

Experience with ArcGIS applications, ArcView 3.3, ArcMap
Experience in quantitative and qualitative research design
SPSS statistical software

Backcountry travel
Winter camping
Telemark skiing
Nordic skiing
Mountain and road biking

References

John Haskin, Ph.D.
Head of Graduate and Adult Education
IslandWood
4450 Blakely Avenue NE
Bainbridge Island, WA
206.855.4300

James Gregson, Ph.D.
Adult, Career and Technology Education
College of Education
University of Idaho
Moscow, ID 83844
208.885.6492

Steven Hollenhorst, Ph.D.
Conservation Social Sciences
College of Natural Resources
University of Idaho
Moscow, ID 83844
208.301.1717

Doug Wachob, Ph.D.
Director of Research and Graduate Program
Teton Science Schools
PO Box 68
Kelly, WY 83011
703-733-1313