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## SUMMARY OF QUALIFICATIONS

- Demonstrated commitment to developing Tribal-University partnerships for conservation and education
- Community-based research with Tribal communities
- Participation in professional development trainings for improvement of teaching and learning for students, and instructors
- Experience in course design that highlights Indigenous communities and issues

## EDUCATION

Doctorate, Environment and Resources, PhD Minor in GIS-Cartography. Nelson Institute, U.W. Wisconsin-Madison. May, 2015. Dissertation title: *Ganawendan Ginibiiminaan: Community Water Stewardship with the Bad River Ojibwe*

Master of Science in Experiential Education, Minnesota State University—Mankato. December 2006.

Title of Graduate Thesis: *The Mississippi River Program: A Mixed-Method Examination of the Effects of a Place-Based Curriculum on the Environmental Knowledge and Awareness of Montessori Adolescents*

Abstract: <http://www.seek.state.mn.us/ee/research/thesisdetail.cfm?id=270>

University of Wisconsin-Madison. B.A. Double Major with Honors, South Asian Studies and Intercultural Religious Studies. August 1994. Completed an undergraduate thesis with Geshe Sopa on Sacred Geography of Tibet.

National Outdoor Leadership School, Lander, WY, Semester in the Rockies, May 1989.

## HIGHER EDUCATION, INSTRUCTIONAL EXPERIENCE

**Faculty associate**, Native Nations Partnerships, UW Madison Nelson Institute for Environmental Studies. Co-Chair of Native Nations\_UW Initiative, April 2016 – present.

**Instructor**, UW Madison Nelson Institute for Environmental Studies. ENV ST 600. Designed and implemented service learning capstone for environmental studies majors with the Bad River Band of Lake Superior Ojibwe as community partner. Fall 2013 to Spring 2015.

**Project assistant**, Nelson Institute for Environmental Studies and Morgridge Center for Public Service. Participation in a project-design team for ENV ST Capstone Assessment using AAC&U VALUE Rubric. April 2014–August 2015.

**Curriculum design**, Nelson Institute for Environmental Studies. ENV ST 112. Designed and built “Cochabamba Water Wars,” an online interactive case study.

**Project assistant**, Nelson Institute for Environmental Studies. Participation in Teaching Academy instructor team for update and redesign of introductory courses in Env St. June 2013.

**Teaching assistant**, Nelson Institute for Environmental Studies. ENV ST 112: The Social Perspective. January 2013.

**Teaching assistant**, Nelson Institute for Environmental Studies. ENV ST 113: The Humanistic Perspective. September 2012.

**Teaching assistant**, Global Health Certificate Program, University of Wisconsin-Madison. Global Health Field Course at the Bad River Ojibwe Indian Reservation. August 2012 and 2014.

**Associate lecturer**, Department of Recreation Management and Therapeutic Recreation, University of Wisconsin-La Crosse. Participated as member of the Joint Committee on Environmental Sustainability in campus wide planning and outreach for the UW La Crosse Year of Sustainability. Fall 2008-spring 2011.

**Guest lecturer**, Department of Educational Leadership, Minnesota State University-Mankato. Lecture title: *Teaching Leopold's Land Ethic: Connecting People to Place, Philosophy to Practice*. March 2009, 2010, 2012.

**Challenge Course facilitator**, Department of Exercise and Sports Science, Adventure Program; University of Wisconsin-La Crosse, 2006-2007. This employment as a facilitator included work with youth and adults, as well as corporate groups. Additionally, I completed training on challenge course facilitation for people with disabilities.

**Instructional Staff**, Department of Recreational Sports, University of Wisconsin-La Crosse. Curriculum design, ACA standards-based skills clinics for students. Development of safety and instructional protocols for recreational paddling programs, including staff training programs and risk management plans. 2006- 2009.

## **YOUTH EDUCATION, INSTRUCTIONAL EXPERIENCE**

**Outreach specialist**, Indigenous Arts and Sciences Program, Earth Partnership, UW - Madison Department of Planning and Landscape Architecture. Serving as co-researcher for work in Connecting STEM to Native Science with four Wisconsin Tribes; Instructor for collaborative environment and culture camps with Ho Chunk Nation. May 2015-present.

**Program design, curriculum design and implementation.** *Bad River Youth Outdoors*, a watershed education program for tribal youth in northern Wisconsin. Summer 2013 – Summer 2016.

**Curriculum and student survey design.** Juda Watershed Project. Worked with a team of restoration ecologists, administrators and educators to design standards-based high school curricula for watershed education. Designed student surveys for elementary, middle and high school students for assessment of learning outcomes of water quality monitoring. Project lead: Susan Lehnhardt of Applied Ecological Services. September 2013 – March 2014.

**Consultant and instructor for Wisconsin state standards-based environmental and outdoor education programs**, Myrick Hixon Ecopark, October 2009-March 2010

**Teaching Assistant, Outdoor Pursuits**, La Crosse School District. Formal instruction for high school youth in Outdoor Pursuits Summer School Physical Education class. June-July 2008.

**Environmental education consultant and facilitator**, La Crosse School district, Curriculum design and implementation of the *Mississippi River Program*, a state standards-based middle school environmental education program. Involvement of community volunteers and conservation leaders in large educational network. January, 2006-2008.

### **Environmental education certifications:**

- Project Learning Tree, Rochester, MN, November, 2007.
- Project WET, Winona, MN, June 2007;
- Facilitator, Leopold Education Project, October, 2006

## COMMUNITY EDUCATION AND OUTREACH EXPERIENCE

- Curriculum development consultant, working with school districts and environmental educators for curriculum development for field-based learning, 2015-present.
- Project assistant for the Earth Partnership for Schools Indigenous Arts & Sciences Program. Outreach to tribal communities in southern Wisconsin. Working with educators and youth to advance community water stewardship efforts. Fall 2014.
- Design team member, Watershed Network Gathering of Dane County. January 2014 – January 2015.
- Volunteer coordinator, The Sauk Prairie Conservation Alliance. January 2012- September 2013.
- Board member, Eagle Bluff Environmental Learning Center, Lanesboro, MN. June 2010-December 2012.
- Founder and former president, Coulee Canoe and Kayak Club, 2007.
- Establishment and promotion of the *La Crosse River Water Trail*. Promotion of urban paddling and increasing access to local waterways. 2007- 2011.
- Featured as outdoor specialist in educational DVD, “*Into the Woods: Wildcrafting and Wilderness Experience*.” Green Earth Studio, Middleton, Wisconsin, October, 2008.
- Founder, 2000, and director, Coulee Region Herbal Institute, 2000-2005.
- Founding member, Madison Herbal Institute, 1997.
- Board member, Blue Mounds Conservation Project, Mount Horeb, WI, 1995-1996.

### **Outdoor programs manager, outreach coordinator**, Three Rivers Outdoors of La Crosse, Wisconsin. 2008-2011.

- Community outdoor pursuits program development and implementation: Collaboration with U.W. La Crosse Adventure Program, Myrick Hixon Ecopark, Human Powered Trails, and Mississippi Valley Conservancy for extensive outdoor programming in skills-based kayaking, canoeing, rock climbing, Nordic skiing, and trekking. 2009-2011.

### **American Canoe Association (ACA) Kayak instructor and instructor trainer**

- Certified ACA kayak instructor trainer, level 2. September 2011-present.
- Certified ACA kayak instructor, level 3. September 2010-present.
- Outdoor programs staff training, Three Rivers Outdoors, 2010- 2014.
- Sea kayak instruction, Door County Sea Kayak Symposium, 2008-2012. Ladies of the Lake Symposium, Marquette, MI. August 2010. Inland Sea Symposium on Lake Superior, Washburn, WI; June 2009. Two Harbors Kayak Festival on Lake Superior’s North Shore, Two Harbors, MN; August 2008, 2009
- Adaptive Paddling Endorsement, American Canoe Association, September 2008

## CONFERENCE PRESENTATIONS

**Coming Together of Peoples Conference**, Native Nations\_UW Initiative, focus on Environmental Priorities. UW Madison, March 2018.

**Indigenous Perceptions of Place**, with Bad River Tribal Historic Preservation Officer Edith Leoso, “Bad River Water&Culture Maps Project.” UW Stevens Point, April 2017.

**Traditional Ecological Knowledge Conference**, with Bad River THPO Edith Leoso, *Ganarwendan Ginibiiminaan: Take Care of Our Water!* Collaborative Water Stewardship and Research in *MashkiiZiibi*. Viterbo University, La Crosse, WI, October 2016.

**Looking Back, Looking Forward: Topics in Indigenous Conservation, Symposium of the North American Congress for Conservation Biology**, Symposium Co-Chair with Kelly Jackson. Presentation: “Bad River Youth Outdoors: Layered Pedagogy of Place in Ojibwe Country.” Madison, WI, July 2016.

**Wisconsin Indian Education Association Annual Conference**, “*Bad River Ojibwe and UW Madison Partnership for Community-based Environmental Studies.*” Madison, WI, April 2016.

**NOAA Marine Cultural Landscapes Symposium**. “*Countermapping with the Bad River Ojibwe.*” Madison, WI Nov 2015.

**North American Cartographic Information Society Annual Meeting**. “*Countermapping with the Bad River Ojibwe.*” Minneapolis, MN, Nov 2015.

**Water Ethics Conference**. “*Ganawendan Ginibiiminaan: TAKE CARE OF OUR WATER! Traditional Ecological Knowledge and western science approaches to water stewardship with the Bad River Ojibwe.*” Viterbo University, April 17, 2015

**Wisconsin Land Information Association**. “*The Bad River Water&Culture Maps Project*, Cultural mapping with the Bad River Ojibwe.” Green Bay, WI. Feb 20, 2015

**UW Madison GIS Day, keynote**. “*The Bad River Water&Culture Maps Project*, Storymapping with the Bad River Ojibwe.” UW Madison GIS Nov 19, 2014

**Workshop on Land and Water: The Politics of Rights**. “*Bad River Water&Culture Maps Project: Mobilizing communities for watersheds-at-risk.*” UW Madison Law School, Nov 7-8, 2014

**Wisconsin Wetlands Association Conference**. “*Bad River Ojibwe and the Good Berry: Stewarding water and wild rice with Bad River Youth Outdoors.*” La Crosse, WI. February 2014

**North American Society for Oceanic History Conference**, “*Anishinaabeg Gichi Gami: Water Education, Stewardship, and Cultural Mapping with the Bad River Band of Lake Superior Ojibwe.*” Alpena, MI. May 2013

**Association for Experiential Education**. “*Teaching Water Ethics in Paddle Sports.*” Madison, WI. November, 2012

**Midwest Environmental Education Conference**, “*The Mississippi River Program: A Confluence of Environmental, Place-Based, and Adventure Education.*” Stevens Point, Wisconsin. October 2007.

**North American Association of Environmental Education**, “*Mississippi River Adventure: A Marriage of Adventure and Education of Place.*” St. Paul, MN, October, 2006.

[http://www.allacademic.com/meta/p\\_mla\\_apa\\_research\\_citation/1/2/4/7/2/p124723\\_index.html](http://www.allacademic.com/meta/p_mla_apa_research_citation/1/2/4/7/2/p124723_index.html)

**International Conference on Rivers and Civilization**, “*Sacred Rivers of Ireland.*” La Crosse, WI, June 2006.

## **GRANTS, FELLOWSHIPS and AWARDS**

I serve as co-researcher for a National Science Foundation I-TEST grant-funded project, *Connecting STEM to Native Science*. four Tribes in Wisconsin: Red Cliff, Bad River and Lac du Flambeau Bands of Lake Superior Chippewa, and the Ho-Chunk Nation. Project period is 2017-2019.

I served as co-PI for the *Wisconsin Tribal & University Partnership for Climate Change Adaptation project*, funded by the Bureau of Indian Affairs for a multi-tribe effort: Ho Chunk Nation, Oneida Tribe of Wisconsin, and the Red Cliff Ojibwe, Sept. 2015-Oct 2017

The Bad River Band of Lake Superior Ojibwe and I were awarded a Swift Foundation Grant, spring 2017.

I serve as consultant for the Bad River Ojibwe for the WI Department of Natural Resources Summer Tribal Youth Program grant, awarded to Bad River Youth Outdoors, 2014-2016.

The Bad River Band of Lake Superior Ojibwe and I were awarded a Community Partnership Award from the UW Madison Chancellor, spring 2014.

For water stewardship and cultural mapping work with the Bad River Ojibwe, I was funded by the Natural Resources Foundation of Wisconsin, Freshwater Futures, and the Wisconsin Humanities Council. September 2013–December 2014.

Awardee, Charlotte Zieve Fellowship for development and instruction of service learning capstone course, Fall 2013–Spring 2015.

In collaboration with the Bad River Band of Lake Superior Chippewa and the UW Madison Nelson Institute for Environmental Studies, I wrote and currently administer grants from the Duluth Superior Area Community Foundation and the Center for Integrated Agricultural Studies for Bad River Youth Outdoors. January – September 2013.

I wrote and administered a Club-Fostered Stewardship grant, awarded from the American Canoe Association and L.L. Bean to the Coulee Canoe and Kayak Club, for establishment and maintenance of the La Crosse River Water Trail, May–December 2007.

On the behalf of the La Crosse school district, I wrote and administered a grant awarded from the Wisconsin Environmental Education Board (WEEB) for the *Mississippi River Program* in Coulee Montessori Charter Middle School, August 2006–July 2007.

## **RISK MANAGEMENT for OUTDOOR PROGRAMMING, CERTIFICATIONS**

**CPR, First Aid.** Current.

**National Ski Patrol and Outdoor Emergency Care Technician,** 2010–2016.