

Rebecca Cors

2322 East Dayton Street, Madison, WI, USA; 608-421-4191

rebeccarpcv@gmail.com

Languages: English (native); German (fluent, B2)

Professional Experience

Researcher and Evaluator, Wisconsin Center for Education Research 11/2017-present

Study education programs for various age groups; expertise in natural sciences and out-of-classroom learning.

- Design research and evaluation plans that align with program priorities, equity goals, and theories of change.
- Study key indicators for program progress through surveys, interviews, and observation instruments.
- Use SPSS, MS Excel for descriptive quantitative data analysis; develop and use coding protocols for qualitative.
- Facilitate collaborative instrument development and interpretation of results to maximize reliability and validity.
- Share findings through presentations, NSF reporting, educator-accessible reports, and research papers.

Associate Researcher, University of Teacher Education, St. Gallen, Switzerland. 08/2012-08/2016

- Coached pupils at school visits with mobiLLab, a mobile science education program, www.mobiLLab.ch.
- Worked with internal team and stakeholders to evaluate and improve the effectiveness of mobiLLab.
- Scripted and filmed videos to promote pupils' familiarity and engagement with mobiLLab equipment.

Assistant Teacher, English and Bilingual Geology, Liechtenstein Gymnasium. 11/2011-06/2012

- Developed and delivered lesson plans; designed grading rubrics.
- Student advisor and editor: UN Comenius Self-Organized Learning Project, Vorarlberg, Austria.

Editor & Research Associate, Natural and Social Science Interface, ETH Zurich, Switzerland. 9/2009-9/2011

- Lead editor of a 660-page book by Dr. Roland Scholz, "Environmental Literacy in Science and Society."
- Evaluated the Global TraPs sustainable phosphorus transdisciplinary project through event surveys.
- Advised master's degree students on research designs, thesis writing, and survey development.

Learning Specialist, Klarlegen Consulting, environmental educator at several locations. 1/2009-7/2009

Program Evaluator, Applied Research Northwest, Bellingham, Washington, US. 8/2007-1/2009

Primary project: Building Bridges Between Math and Science, a training program for middle school teachers.

- Facilitated identification of program goals and direction by the teacher training team.
- Employed surveys, interviews, and observations to collect data about development of teachers' skills.
- Interpreted data, reported findings, and offered recommendations for training program improvements.

Environmental Engineering Faculty, Sichuan University of Science & Engineering, China. 6/2004-7/2006

This was a US Peace Corps volunteer service aimed at training people and building international bridges.

- Courses: Product Life Cycle Assessment; Human Health & Environment; Promoting Sustainable Behavior; Green English Writing and Listening courses; Teaching English as a Foreign Language.
- Advising: advisor to English and Environmental Engineering Student Associations.
- Teacher training workshop: 'Using Classroom Assessment Techniques.'
- Women-in-Development workshops: fostered reflection and cross-cultural exchange regarding gender issues.

Research Associate/ Organizational Learning Specialist, Wisconsin Department of Natural Resources. 5/2002-5/2004

- Explored development of a training program to prepare staff members to collaborate with regulated businesses.
- Performed a qualitative evaluation of the Wisconsin Buffer Initiative.

Brownfields Redevelopment Outreach Specialist, Vandewalle & Associates, Madison, Wisconsin. 6/1999-5/2002

Air and Water Resources Management Specialist, Wisconsin Department of Natural Resources. 5/1993-4/1999

- Trained air monitoring site operators; revised and maintained training handbook.
- Promoted public awareness of Air Program mission through public speaking and site tours.
- Wrote and managed river basin planning documents; conducted air, stream and lake monitoring.

