



Jill Jacoby
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Education

- **Antioch University** – PhD in Leadership and Change – anticipated graduation date August 2009
- **Vermont Law School** - Master of Studies in Environmental Law - August 1996
Leadership Fellowship (Bush Foundation) recipient for study of environmental law
- **University of Minnesota** - Master of Science - March 1991
Major: Water Resources/Natural Resource Management
Minor: Ecology
Research: Bio-monitoring with Odonata: A Comparison of Natural & Created Wetlands
- **Pennsylvania State University** - Bachelor of Science - June 1981
Major: Agriculture Education Minor: Horticulture Secondary Teacher
Certification: General Science, Environmental Education and Agriculture

Additional Education

- **The College of St. Scholastica** – Online Teaching with WebCT/Blackboard – March 2008
28-hour curriculum covering practical and pedagogical strategies for online teaching
- **University of Wisconsin Superior** – Certificate Program in Nonprofit Administration - March 2007
100 hours of classroom instruction
- **University of Minnesota/Duluth** – Wetlands Seminar (2 credits) 1993
- **University of California** - Santa Cruz, CA April - June 1978 (9 credits)
Desert geology, cultural geography, and biogeography field courses taught in UT/AZ

Work Experiences

The College of St. Scholastica – Duluth, MN

Adjunct instructor – Accelerated Degree Evening Program

Environmental Topics – Biology Department

Minnesota Environmental Partnership – Duluth, MN

Northeastern Minnesota Organizer – Part time contract position June 2007 – present

Primary work involves building an active network of environmental organizations in northeastern Minnesota. Provide support to MEP member groups for community organizing, communication, coordination of meetings, events and activities. Increase information exchange and cooperation among grassroots citizen groups interested in development pressures along the North Shore of Lake Superior.

Common Ground Reuse Store – Duluth, MN

AmeriCorps – 300 hour position – July – October 2007

This AmeriCorps position was located at Common Ground, a reuse store for building materials. I worked in the store assisting customers and contractors searching for materials, and assisted in the closing of the store. I was then “given” to the Western Lake Superior Sanitary District to work my remaining hours by researching various scenarios for a potential reuse facility at the existing Materials Recovery Center.

Sweetwater Alliance – Duluth, MN

Executive Director and Founder - August 2002 – present (part time)

Sweetwater Alliance is a non-profit organization that was created to develop a Stormwater Garden on Duluth’s waterfront. This project blends ecological restoration, art, wetland education, and the transformation of a Brownfield to green space. As of October 2006 Sweetwater Alliance has completed design specifications for two different configurations for the Bayfront area of Duluth. Responsibilities have included fund raising (\$120,000 for design and annual budgets), lobbying city councilors and administrators, outreach and communications (newsletters, fliers, interviews and Point of View articles), board development and program administration.

Northland College - Ashland, WI

Assistant Professor (4/7) - August 1999 – April 2007

Classes taught: American Government, American Government teaching assistant, Environmental Policy, Environmental Law, Northland Seminar, Environmental Internship, Environmental Studies, Public Administration, Leadership in Groups and Agencies, Environmental Citizenship, Social Movements, Introduction to Sociology, Wetlands Restoration, Policy of Global Resources, Watershed Policy and Management. My responsibilities include classroom instruction, development of outside assignments, and facilitation of discussion using rules of civility. Advisor for students in government and environmental studies.

Keepers of the Waters – Duluth, MN

North American Director – September 2000 – February 2002 (part time)

Keepers of the Waters is a nonprofit organization that brings citizens together to create projects

that restore, preserve and remediate water in visible, educational and culturally connected ways. Responsibilities included fundraising, office and financial management, organizing leadership-training opportunities, assisting citizen groups around North America in creating art/science collaborative projects.

Self-Employment - Duluth, MN

Environmental Consultant - August 1995 - August 1999

Representative Projects: Updated the 1990 St. Louis County Water Plan. Conducted a waste stream analysis and final report for the Fond du Lac Indian Reservation. Coordination, fundraising, and planning for the development of a Stormwater Garden (water cleansing, art, and education) in Duluth, MN (20 hours per week for six months). Conducted a survey of citizen water quality monitoring programs in the Lake Superior Basin for the Lake Superior Center. Developed water quality monitoring protocol and curriculum, and conducted an 8-hour hands on training for high school teachers on water quality monitoring in the Twin Cities area. Organized and moderated a youth forum, field trip, and developed a session on Public Participation in Water Quality Decision Making for the International Joint Commission's Biennial Conference on Great Lakes Water Quality held in Duluth in 1995.

Sugarloaf Interpretive Center Association - Duluth, MN

Executive Director - Interim - September 1997 - March, 1998

Directed operations for this non-profit organization responsible for the preservation and management of Sugarloaf Cove (near Schroeder, MN on Lake Superior). Grant writing, donor and membership development, educational program development and implementation, land management activities, and facility development. Provided technical and professional leadership to committees charged with program development, building planning, management plan development for the Sugarloaf Cove site, wetlands restoration, and newsletter development. Representation of SICA to various constituencies through speaking engagements, slide programs, and meetings.

Minnesota Pollution Control Agency - Duluth, MN

St. Louis River Watch Program Manager - October 1991 - August 1995

Responsibilities for the first 2 years included the creation and development of a citizen based advocacy and water quality monitoring program for the St. Louis River. Extensive outreach and coordination with primary and secondary schools, environmental groups, community members, industry, federal, state, and local government agencies. Created a monitoring plan that outlined an approach for student monitoring of chemical, physical, and biological water quality parameters. Developed spending priorities for a \$167,000 budget, wrote grant proposals, and conducted fundraising efforts. I was responsible for all public relations and media events related to River Watch activities. Development of additional citizen monitoring activities which included a "frog watch" to obtain base-line data on anuran populations; Keepers of the Waters, a collaboration between artists and scientist to create art work about water quality; a fish tumor survey, benthic macroinvertebrate community survey, sediment toxicity bio-assays, and water chemistry analysis, all conducted by students. Supervision of college student employees, contract employees, interns and volunteers working on River Watch projects. With the receipt of EPA money in 1993 the River Watch program changed from start up activities to program expansion with an \$80,000 annual budget. I took a lead role to develop a team of leaders to

expand the River Watch program to other Minnesota communities along Lake Superior, and into Wisconsin and Michigan. Activities included coordination of monitoring and program development efforts in the 3 states, and development of curriculum materials to supplement field activities. In July of 1995 I traveled to China where I helped develop a Keepers of the Waters (art and water program) and conducted teacher training in river monitoring techniques.

City of Shoreview - Shoreview, MN

Alternative Transportation Planner - February 1991 - October 1991

Duties included 26 miles of bicycle trail development with a focus on increased use of alternative modes of transportation including bicycling, walking, public transportation and Rideshare. I worked closely with the Mayor, city council, staff and advisory committee members to achieve the goals of this position. I functioned as a team leader to government agencies and citizen groups involved in trail and alternative transportation development projects. This was the first position of its kind in Minnesota and has become a model for other communities.

American Lung Association of Hennepin County - Minneapolis, MN

Environmental Treks Assistant Director - December 1986 - August 1990

(Part time)

Responsible for the coordination of fund raising bicycle and winter wilderness treks. Specific duties included development and coordination of all elements of bicycle and winter wilderness trips. I worked with a team of people to develop publicity to recruit and retain participants. I was responsible for developing volunteer leader training, incentives and recruitment. I developed menus, ordered and sorted food for over 150 people. I was given the opportunity to develop and implement a fund raising mountain bike tour in Northern Minnesota including logistics and route planning. Other skills included Ham radio operator on bike treks, presentation of information and training sessions to participants and leadership staff, and assisting participants with fund raising. Additionally my job required developing media and promotional events, creating a reunion event, and volunteer and honor roll receptions. I participated as a leader on winter treks, bicycle treks, Isle Royale hiking treks and the Arctic Trek to Iqualuit, N.W.T., and personally raised over \$20,000 in funds for the Lung Association.

Minnesota Zoo - Apple Valley, MN

Interpretive Naturalist - April - September 1987 and April - October 1988

(Part time)

I developed and conducted interpretive tours for the general public and school children while on a monorail train that covered 1.5 miles of the Northern Trail. This position required strong communication skills, as I had no visual contact with my audience. Tours would last about 20 minutes and would cover the natural histories of coyote, elk, bison, timber wolf, Bactrian camel, musk ox, moose, Siberian tiger, arctic fox, as well as a variety of wild animals found in a natural setting.

Lowry Nature Center/ Hennepin Parks - Excelsior, MN

Naturalist March - August 1985 and March - September 1986

I was responsible for the development and implementation of environmental education and recreation activities within three county parks. I had direct supervision of students (K-12),

adults, special populations, and other groups during nature center and/or park activities. I designed and carried out nature hikes, aquatic studies, campground programs, day camp activities, winter recreation activities, bike outings, nature crafts, forestry, botany, and wildlife programs for a diversity of audiences. I researched and ordered items for a new nature center gift store and created graphic displays on a variety of environmental topics.

Minnesota Conservation Corps/Dept. of Natural Resources – Ft Snelling, MN

Environmental Awareness Activities Director - June - August 1984

I created an environmental education and recreation program for twenty-five 15 to 18 year olds. Lesson plans revolved around a hands on approach to environmental awareness activities including: wildlife, botany, aquatic ecology, pollution and environmental ethics and problem solving. Field trips were led to: the Science Museum, a power plant, fish hatchery, waste treatment plant, and numerous natural areas in Minnesota.

Minnesota Historical Society/Oliver Kelley Farm - Elk River, MN

Interpretive Tour Guide - May - October 1983

I conducted interpretive tours of this historic farm for the public, school groups, special populations, and various organizations. I also staffed the interpretive center; assisted visitors with book sales, and provided orientation and historic background of the farm. This was a working historic farm with a one-acre kitchen garden that I cared for, along with farming and domestic activities. All activities were done in a historically correct manner while in period dress.

Crow - Hassan Park Reserve/Hennepin Parks - Hanover, MN

Nursery Technician - October 1982 - May 1983

I was responsible for the propagation of hard and softwood trees and shrubs. Plants were propagated from cuttings, seeds and transplants grown in greenhouses. I also collected, prepared and propagated native prairie plant seeds. I supervised temporary employees during reforestation plantings; carpentry and maintenance work. This position required a familiarity of native plant species as well as greenhouse and nursery practices.

Bureau of Land Management/Department of the Interior - Price, Utah

Park Technician - April - August 1982

Fifty percent of my time was spent as an interpretive naturalist at the Cleveland-Lloyd Dinosaur Quarry where I conducted educational presentations on dinosaurs and interpretation of quarry activities and visitor center displays. I completely updated the visitor center displays that required research on dinosaurs, strong written communication skills, wildflower photography, and the construction of an educational natural history display. The remainder of my time was spent on the wilderness review program with field and office inventory work during the intensive phase of wilderness review activities. Sight specific analysis and determination of wilderness suitability were made in areas of vegetation, geology, recreation potential, sights and sounds, human imprints and supplemental values. I developed technical reports and created vegetation, intrusion and photomaps. Travel by helicopter, 4 - wheel drive vehicles, hiking and river rafting.

Bureau of Land Management/Department of the Interior - Moab, Utah

Recreation Technician - June - August 1981 and June - August 1979

I conducted wilderness review and evaluation in the Moab region of Utah. Sight specific analysis and determination of wilderness suitability were made in areas of vegetation, geology, recreation potential, sights and sounds, human imprints and supplemental values. Publication of technical reports, vegetation, intrusion and photomaps.

Awards and Achievements

- Lake Superior Binational Program Environmental Stewardship Award – July 2007
- Alan E. Guskin Scholarship in Leadership and Change – July 2007
- Bush Foundation Leadership Fellow -August, 1995 - August, 1996 – Leadership fellow to obtain a Masters Degree in environmental law at the Vermont Law School
- Duluth-Superior Area Community Foundation’s Touchstone Award for Community Building (St. Louis River Watch), September 1995
- Minnesota Great! - Honorable mention award for pollution prevention April, 1995
- Northern Lights Communication Award (St. Louis River Watch Newsletter) June 1994
- Duluth Community Environmental Commission - Excellence in Environmental Stewardship Award (St. Louis River Watch), April, 1994
- Governor’s (MN) Star Award for Youth Service (St. Louis River Watch) March 1994
- Sigma Xi (Scientific Research Society) University of Minnesota/Duluth, Excellence in Science Teaching, March, 1993
- Minnesota Pollution Control Agency Outstanding Achievement Award - 1993
- Carolyn M. Crosby Fellowship -February, 1990 (graduate research)

Publications

- Jacoby, Jill. Citizen Participation in Water Quality Decisions. International Journal of Watershed Education. Vol. 1 #1, 1998 pp. 22 - 29
- Jacoby, Jill. Building Coalitions to Protect and Enhance Surface Water Resources. Conference proceedings for Watershed Management Planning for Agriculture and Natural Resource Professionals. St. Croix Falls, WI September 28 - 29, 1994 pp. 18 - 19
- Jacoby, Jill. St. Louis River Watch. Generator Journal of Service Learning and Youth Leadership. Vol. 14 #1 Spring 1994. pp. 7 - 8
- Jacoby, Jill. Artists and Scientists Collaborate in St. Louis River Watershed. Focus on International Joint Commission Activities. Vol. 18 # 3 November/December 1993 pp. 19 - 20
- Jacoby, Jill. St. Louis River Watch: Empowering Students and Citizens Through Hands-on River Monitoring. Proceedings for the First Annual Minnesota Association for Environmental Education Conference. St. Paul, Minnesota. October 21-22, 1993 pp. 14 - 15
- Jacoby, Jill. Schools Testing Water Quality in St. Louis River RAP. Focus on International Joint Commission Activities. Vol. 17 # 3 November/December 1992. pp. 17 - 18

- Jacoby, Jill. Mountain Bikes: A New Dilemma For Wildland Recreation Managers? Western Wildlands. Spring 1990. pp. 25 - 28
- Jacoby, Jill. Forest Edibles. Pennsylvania Horticulture Society - Green Scene. Vol. 7 #14 March 1979 pp. 17 – 20

Conference Presentations

- Making a Great Lake Superior Conference, October 28 – 31, 2007 Duluth MN – Poster Session Non-point Source Pollution – Duluth Stormwater Garden: Merging art, civics and wetland education.
- Northland Bioneers Conference, October 20, 2006, Duluth Stormwater Garden Project, Minneapolis, MN
- Minnesota Sustainable Communities Conference, October 3, 2002, presentation titled Living Water, A Vision for Duluth’s Waterfront, St. Paul, MN
- International Joint Commission’s September 23 - 26, 1995 Biennial Meeting on Great Lakes Water Quality, Duluth MN. Developed & facilitated a field trip on Model Youth & Community Programs, moderated a Youth Forum Seminar, and was an invited speaker for the Remedial Action Plan Forum
- US Embassy, Chengdu, China, July 24, 1995 - presentation on citizen water quality monitoring
- Minnesota State Bicycle Conference - St. Paul, MN - March 3, 1995. The Minnesota Statewide Transportation Plan and You: Making Modal Choice a Reality.
- Minnesota Naturalists’ Association Fall Conference - Hugo, MN - November 11, 1994. Schmooze or Lose: Partnerships in Environmental Education
- Minnesota Academy of Science - 27th Junior Science, Engineering and Humanities Symposium. St. Paul, MN - October 9, 1994. Keynote speaker to 150 high school students and parents involved with this symposium
- US Environmental Protection Agency Region V States Wetlands Meeting -Bloomington, MN October 7, 1994. Presentation to state wetland managers on “Citizen Participation in the Monitoring Process”
- Watershed Management Planning for Agriculture and Natural Resource Professionals - St. Croix Falls, WI - September 29, 1994. Panel presentation on Building Coalitions to Protect and Enhance Surface Water Resources
- National Service Learning Conference - Leadership for Community Renewal Albuquerque, NM March 5, 1994
- International Joint Commission’s 1993 Biennial Meeting on Great Lakes Water Quality. Remedial Action Plan Forum. Building Partnerships & Evaluation of Public Awareness Events. Windsor, Ontario. October 21, 1993
- Minnesota Association for Environmental Education Conference. Empowering Students & Citizens Through Hands-on River Monitoring. St. Paul, MN October 22, 1993
- National Service Learning Conference - Facing The Challenge: Revitalizing Education, Renewing Community Minneapolis, MN, April 1993 - Service Learning through the St. Louis River Watch

International Work, Education & Travel

- Panama and Costa Rica - March 4 - 13, 1998 - personal trip
- Costa Rica - January 3 - 13, 1996 - Hamline Law School course in Trans-national Alternative Dispute Resolution
- China - July 1 - August 1, 1995 - Developed and facilitated training sessions on water quality monitoring for teachers, and developed art/science collaborations focused on the water quality
- Ecuador - April 2 - April 11, 1994 - personal trip
- France - March 12 - 22, 1992 - personal trip
- Norway - March 8 - 18, 1990 - personal trip
- Iqaluit, Nunavut, Northwest Territories of Canada, April, 1989 - 10 day dog sled trip

References

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