

**Jill Jacoby, Ph.D.**  
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## **Education - Academic and Professional**

### **Antioch University - Yellow Springs, Ohio**

- **Ph.D. in Leadership and Change – December 2009**
- Dissertation on collaborative leadership in environmental sustainability and water resources

### **Vermont Law School - South Royalton, VT**

- **Master of Studies in Environmental Law and Policy – August 1996**
- Concentration in environmental policies and laws, negotiation, mediation and alternative dispute resolution

### **University of Minnesota - St. Paul, MN**

- **Master of Science in Water Resources – May 1991**
- Minor - Ecology
- Thesis – Citizen Wetland Monitoring with Odonata (dragonflies)

### **Pennsylvania State University - State College, PA**

- **Bachelor of Science in Agriculture Education – May 1981**
- Minor - Horticultural Crops
- Secondary Teacher Certification - Science, Environmental Education, and Agriculture

### **The College of St. Scholastica – Duluth, MN**

#### **Online Teaching with WebCT/Blackboard – March 2008**

- 28-hour curriculum covering practical and pedagogical strategies for online teaching

### **University of Wisconsin – Superior, WI**

#### **Nonprofit Administration – March 2007**

- 100 hour certificate program

### **University of Minnesota- Duluth, MN – May 1993**

- Wetlands Seminar (2 credits)

### **University of California - Santa Cruz, CA – June 1978**

- Desert field studies course focused on desert geology, cultural geography, and biogeography field courses taught in UT/AZ (9 credits)

## **Professional Experience**

**University of Wisconsin, Sustainable Management Program – Superior, WI**

**Senior Lecturer** – November 2010 – present

- On-line curriculum development and instruction for an *International Development and Sustainability* course
- Desire to Learn (D2L) platform

**Associate Media Specialist/Distance Learning Center** – February 2012 – present

- Subject Matter Expert - Sustainability
- Update material found on the Sustainable Communities Capacity Center website
- Researched and updated content on: eco-municipalities, sustainable economic development, planning and land use, energy and climate change, agriculture and natural resources, consumer choices, and community stories
- Microsoft Front Page

**Fairleigh Dickinson University** – Teaneck, NJ

**Adjunct Professor** – February 2009 – present

- Subject Matter Expert for development of *Thinking the Environment* under a Federal Government contract with the National Guard Bureau's Global Education Project
- On-line curriculum development and instruction for three courses: Water, Ecosystems and Agriculture, Contemporary Environmental Issues, Thinking the Environment.
- Web CT/Blackboard platform

**Edison Charter Schools** – Duluth, MN

**Special Education Paraprofessional** – December 2011 – present

- Educate students with disabilities and that are one Individualized Education Programs in a first grade class at a Title I school.

**Substitute Teacher** - March 2009 – December 2011

- Substitute teacher in three schools (grades K-8) in science, history, art, special education, and a wide variety of subjects.

**The College of St. Scholastica** – Duluth, MN

**Adjunct Professor** – 2007 – present

- Develop curriculum and teach a biology course, *Current Environmental Topics* which emphasizes global environmental issues and sustainability
- Web CT/Blackboard platform

**Sweetwater Alliance** – Duluth, MN

**Executive Director and Founder** - August 2002 – present

- Ecological and artistic design and construction of a stormwater garden on Duluth's waterfront
- Sustainable stormwater management, ecological restoration, art, wetlands education, and the transformation of a Brownfield to green space.
- Grant writing and administration
- Organization and management of multiple priorities
- Development and implementation of measurable plans such as strategic, financial, communications, development, and work plans

- Ability to work with minimum supervision and self-motivated
- Exceptional verbal and written communication skills
- Proven leadership skills with an ability to inspire, empower, build consensus, coach, and drive results
- Proficient knowledge of Excel, Word and PowerPoint

**Minnesota Environmental Partnership** – Duluth, MN

**Northeastern Minnesota Organizer** – June 2007 – July 2008

- Contractual employment as a community organizer focused on land use and water quality of Lake Superior
- Built and sustained an active network of water oriented environmental organizations in northeastern Minnesota
- Increase information exchange and cooperation among grassroots citizen groups concerned about development pressures along the North Shore of Lake Superior
- Completed several grant-funded projects related to storm water runoff including the construction of a demonstration rain garden
- Developed and distributed a brochure for homeowners on storm water management
- Managed budgets related to projects and completed final reports
- Supervised contract employees

**Northland College** - Ashland, WI

**Assistant Professor of Environmental Studies and Government (full time 1999 - 2000, 4/7 afterwards)** August 1999 – April 2007

- Developed curriculum and taught courses in: Environmental Studies, Environmental Citizenship and Sustainability, Environmental Policy, Environmental Law, Environmental Internship, Wetlands Restoration, Policy of Global Resources, Watershed Policy and Management, Leadership in Groups and Agencies, Public Administration, Northland Seminar, Social Movements, Introduction to Sociology, American Government, and American Government teaching assistant supervision.
- Academic advisor for students in government and environmental studies
- Member of senior capstone advisory committees

**Keepers of the Waters** – Duluth, MN

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

- Worked with Executive Director to create projects that restore, preserve and remediate water in visible, educational and culturally connected ways
- Grant writing, donor development and financial management
- Assisted citizen groups around North America in creating art/science collaborative projects
- Worked with Board of Directors to develop and implement organizational policy priorities and communications strategies

**Self-Employment** - Duluth, MN

**Environmental Consultant** - August 1995 - August 1999

- St. Louis County - Updated and revised the 1990 St. Louis County Water Plan

- Fond du Lac Indian Reservation - Conducted a solid waste stream analysis and final report
- Great Lakes Aquarium - Conducted a survey of citizen water quality monitoring programs in the Lake Superior Basin
- Bonestroo and Associates - Developed water quality monitoring protocols and curriculum, and conducted an 8-hour hands-on water quality monitoring training for high school teachers
- Minnesota Pollution Control Agency - 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 the preservation and management of Sugarloaf Cove on Lake Superior in Minnesota
- Worked cooperatively with the Minnesota Department of Natural Resources to initiate wetland and upland restoration and Scientific and Natural Area designation
- Technical and professional leadership to board committees
- Board development on appropriate educational programs and land management activities
- Represented the organization to various constituencies
- Fund raising, grant writing and membership development

**Minnesota Pollution Control Agency** - Duluth, MN

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

- Developed a citizen based advocacy and water quality monitoring program for the St. Louis River Area of Concern
- Extensive outreach and collaboration with schools, environmental groups, community members, industry, federal, state, tribal, and local government agencies
- Developed monitoring protocol including quality control and assurance and was appropriate for student monitoring of chemical, physical, and biological water quality parameters
- Developed and administered spending priorities for a \$167,000 budget
- Public relations and media events
- Developed "frog watch" to obtain base-line data on anuran populations using citizen volunteers
- Conducted the first tumor survey of bullheads in the St. Louis Harbor
- Supervision of college student employees, contract employees, interns and volunteers
- Leadership role in expanding the River Watch program to other Minnesota communities along Lake Superior and into Wisconsin and Michigan.

**City of Shoreview** - Shoreview, MN

### **Sustainable Transportation Planner** - February 1991 - October 1991

- Increased use of sustainable and alternative modes of transportation including bicycling, walking, public transportation and Rideshare.
- Oversight for the development of 26 miles of bicycle trails
- Team leader to key city departments, other government organizations and stakeholders
- Researched effective approaches, policies and programs related to sustainable transportation for the City of Shoreview
- 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

- Development and coordination of fund raising bicycle and winter wilderness treks
- Developed volunteer leader training and wilderness first aid training
- Coached participants in fund raising
- Developed media and promotional events, an annual reunion event, and volunteer and honor roll receptions
- Developed and implemented a fund raising mountain bike tour in Northern Minnesota, which included all logistics and route planning
- Personally raised over \$20,000 in funds for the Lung Association

### **Publications**

- Jacoby, J. B. (in print) Moving from Stakeholders to Citizen Leadership. In: D. R. Gallagher (Ed.) *Environmental Leadership: A Reference Handbook*. Thousand Oaks: Sage
- Jacoby, Jill, B. (2012). Rain Gardens: In R. Kundis Craig, J. Copeland Nagle, B. Pardy, O. Schmitz, & W. Smith (Eds.), *The Encyclopedia of Sustainability: Vol. 5: Ecosystem Management and Sustainability*, (pp. 318-320). Great Barrington: Berkshire Publishing.
- Jacoby, Jill, B. (2012). Participatory Action Research: In: D. Fogel, S. Fredricks, L. Harrington & I. Spellerberg (Eds.), *Encyclopedia of Sustainability, Volume 6: Measurements, Indicators, and Research Methods for Sustainability*, (pp. 276 – 281). Great Barrington: Berkshire Publishing.
- Jacoby, J. B. (2011). Artists, Action and Circles of Change: Raising Awareness About Community Water Issues. In: C. McLean, (Ed.), *Creative Arts Research for Community and Cultural Change* (pp. 65 – 89). Calgary: Detselig Enterprises Ltd.
- Jacoby, Jill (2011). Organic Mushroom Cultivation and Marketing in a Northern Climate. In: *Greenbook 2011* (pp. 13 - 19). St Paul: Minnesota Department of Agriculture's Sustainable Agriculture Program.
- Jacoby, J.B. & Xia Ji (2010). Artists as Transformative Leaders for Sustainability: In B.W. Redekop, (Ed.), *Leadership for Environmental Sustainability* (pp. 133 - 145). New York: Rutledge.
- Jacoby, Jill. (2010). Organic Mushroom Cultivation and Marketing in a Northern Climate. In: *Greenbook 2010* (pp. 14 – 16). St Paul: Minnesota Department of Agriculture's Sustainable Agriculture Program.

- Jacoby, J.B. (2009) Art, Water and Circles: In What Ways do Study Circles Empower Artists to Become Community Leaders Around Water Issues. Doctoral Dissertation, Antioch University, Yellow Springs, Ohio. Can be downloaded at: [http://rave.ohiolink.edu/etdc/view.cgi?acc\\_num=antioch1263579870](http://rave.ohiolink.edu/etdc/view.cgi?acc_num=antioch1263579870)
- Jacoby, Jill (1998). Citizen Participation in Water Quality Decisions. *International Journal of Watershed Education*. Vol. 1 #1, pp. 22 – 29.
- Jacoby, Jill (1994). 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, pp. 18 – 19.
- Jacoby, Jill (1994). St. Louis River Watch. *Generator Journal of Service Learning and Youth Leadership*. Vol. 14 #1 spring, pp. 7 – 8.
- Jacoby, Jill (1993). Artists and Scientists Collaborate in St. Louis River Watershed. *Focus on International Joint Commission Activities*. Vol. 18 # 3 November/December pp. 19 – 20.
- Jacoby, Jill (1993). 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, pp. 14 – 15.
- Jacoby, Jill (1992). Schools Testing Water Quality in St. Louis River RAP. *Focus on International Joint Commission Activities*. Vol. 17 # 3 November/December pp. 17 – 18.
- Jacoby, Jill. (1990). Mountain Bikes: A New Dilemma For Wildland Recreation Managers? *Western Wildlands*. Spring pp. 25 – 28.
- Jacoby, Jill (1979). Forest Edibles. *Pennsylvania Horticulture Society - Green Scene*. Vol. 7 #14 March pp. 17 – 20.

### Publications about my work in Service Learning

- Wade, R. C. (1997). *Community service learning: A guide to including service in the public school curriculum* (pp. 191 – 192). Albany: State University of New York.
- Urke, B. & Wegner, M. (1993) *Profiles in Service Learning: A Handbook of Service Learning Program Design Models* (pp. 18 - 26) St. Paul: National Youth Leadership Council.

### Editorial Activities

Reviewer for a Sage publication titled *Sustainability: Essentials for Business*, by Scott Young and Kathy Dhanda (2012).

### Conference Presentations

- International Association on Great Lakes Research, 54<sup>th</sup> Annual Conference on Great Lakes Research. May 30 – June 3, 2011, Duluth MN. The program session was titled: Science, Civic Engagement, and Undergraduate Education Initiatives and my presentation was titled: *Art and Civic Engagement in Service to Water*.

- Wetlands in Service – The 15<sup>th</sup> Annual Conference of the Wisconsin Wetlands Association, February 12, 2010, Eau Claire, WI. Presentation on Citizen Involvement titled *Creating Wetlands as a Vehicle for Raising Water Literacy in Communities with Stormwater Runoff Concerns*.
- Making a Great Lake Superior Conference, October 28 – 31, 2007 Duluth MN – Poster Session Non-point Source Pollution – *Duluth Stormwater Garden: Merging Art, Civic Engagement 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 1995 Biennial Meeting on Great Lakes Water Quality, Duluth MN, September 23 - 26, 1995. Developed & facilitated a field trip on Model Youth & Community Programs, moderated a Youth Forum Seminar, and was an invited speaker for the Great Lakes Remedial Action Plan Forum.
- U.S. Embassy, Chengdu, China, July 24, 1995 - presentation on *Citizen Water Quality Monitoring Initiatives*.
- 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. Invited Keynote Address: Action Science: Engaging Students in Meaningful Research
- U.S. Environmental Protection Agency Region V States Wetlands Meeting, Bloomington, MN October 7, 1994. *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 on Leadership for Community Renewal, invited speaker: *Engaging Youth in Service to the Environment*, 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. *Service Learning through the St. Louis River Watch*. Minneapolis, MN, April 1993.

## Honors and Distinctions Received

- Alan E. Guskin Scholarship in Leadership and Change, Antioch University – 2008 and 2007
- Lake Superior Bi-national Program Environmental Stewardship Award – 2007
- Bush Foundation Leadership Fellow August, 1995 - August, 1996 - To obtain a Masters Degree in environmental law & policy at the Vermont Law School
- Duluth-Superior Area Community Foundation's Touchstone Award for Community Building (St. Louis River Watch), 1995
- Minnesota Great! - Honorable mention award for pollution prevention through the St. Louis River Watch program, 1995
- Northern Lights Communication Award (St. Louis River Watch Newsletter) 1994
- City of Duluth Commission on the Environment - Excellence in Environmental Stewardship Award (St. Louis River Watch), 1994
- Governor's (MN) Star Award for Youth Service (St. Louis River Watch) 1994
- Sigma Xi (Scientific Research Society) University of Minnesota/Duluth, Excellence in Science Teaching, 1993
- Minnesota Pollution Control Agency Outstanding Achievement Award – 1993
- Appointed by the Governor of Minnesota to the State Bicycle Advisory Board 1991– 1992.
- Carolyn M. Crosby Fellowship, University of Minnesota - 1990 (graduate research)