

Ann Marie Wieben

EDUCATION

MS from University of Wisconsin at Madison

MS degree in Land Resources-Institute for Environmental Studies

Graduate G.P.A. 4.0/4.0

BS from University of Wisconsin at Madison

Undergraduate Double Major: Zoology/Botany

Undergraduate G.P.A. 3.6/4.0

Year Abroad - University Austral at Valdivia, Chile

1996-1997 study abroad exchange through UW-Madison

Summer Coursework - San Francisco State University

1995 Montana Wilderness Studies

WORK HISTORY

- 1/2006– present **Lab Manager** – *Landscape and Ecosystem Ecology Lab, Department of Zoology, Madison, WI*
Manage data archives, develop and maintain web site, support lab and field work, assist with GIS analyses, order supplies
- 1/2003 – 1/2005 **Translator** – *Departments of Geography and Forestry, Albert Ludwrig Universitaet Freiburg, Germany*
Edited and translated publications from German to English for various researchers
- 2/2000 – 6/2000 **Biologist** – *United States Geological Survey, Middleton, WI*
Digitized and edited maps, analyzed environmental data using GIS and statistical software, and co-authored technical report
- 9/1999 – 5/2000 **Teaching Assistant** – *Department of Zoology, UW-Madison, WI*
Led discussion sections and laboratory exercises for Zoology 151/152, graded assignments and advised students individually on independent research projects
- 2/1999 – 8/1999 **Writing Assistant** – *Prof. Roy Van Driesche, University of Massachusetts*
Conducted extensive literature searches, maintained and organized an electronic reference database and library of printed materials, and proof read manuscripts for book *Nature Out of Place*
- 9/1998 – 2/1998 **Project Assistant** – *Coalition for Education in the Life Sciences, Madison, WI*
Maintained website, managed all mailings and updated recipient lists along with other relevant secretarial duties

RESEARCH EXPERIENCE

- 5/2000 – 6/2002 **Research Assistant** – *Water Chemistry Department, UW-Madison, WI*
Developed trace metal translators for Aquatic Life Criteria using a Geographical Information System (GIS) and multivariate analyses with Professor David Armstrong
- 1/1998 – 5/1999 **Independent research project** – *Wildlife Ecology Department, UW-Madison*
Analyzed the relationship between common loon chick blood mercury concentrations and the species of fish consumed with Professor of Wildlife Ecology William Karasov
- 3/1996 – 8/1996 **Lab and field assistant** – *Soil Science Department, UW-Madison*
Study of nutrient cycling in hemlock stands in the Sylvania Wilderness Area with Professor James Bockheim
- 11/95 – 5/1996 **Independent research project** – *Wildlife Ecology Department, UW-Madison*
Analysis of loggerhead shrike abundance trends over time before and after invasion of red imported fire ants in Florida and Texas with Assistant Professor R. Scott Lutz
- 9/1995 – 12/1995 **Independent research project** – *Wildlife Ecology Department, UW-Madison*
Fall migratory waterfowl survey of Lake Mendota with Professor Stanley Temple

INTERNATIONAL INTERNSHIPS

- 6/2004 – 10/2004 **Research Intern** – Prof. Klaus Kuemmerer, Institute for Environmental Medicine and Hospital Epidemiology, Universitaet Klinikum Freiburg
Conducted laboratory experiments, researched contaminant fate models, advised peers in use of literature databases and edited publications
- 5/2003 – 8/2003 **Environmental Intern** – Regiowasser e.V. Freiburg, Germany,
Website maintenance and elaboration, including computer mapping
- 2/1997– 6/1997 **Lab Intern** – Prof. Rolando E. Martinez Jorquera, University Austral, Chile
Study of the effects of secondary compounds derived from Asteraceae species on cancer cell growth

PUBLICATIONS

- Robertson, D.M., Saad, D.A. and **A.M. Wieben**. 2001. An Alternative Regionalization Scheme for Defining Nutrient Criteria for Rivers and Streams. U.S. Geological Survey Report 01-4073, 57pp.
- Born, S., Leffler, M., Reese, T., Veltman, R. **Wieben, A.M.**, and Zieler, K. 2000. Modernizing Wisconsin Groundwater Management: Reforming the High Capacity Well Laws. UW-Madison/Extension Report 2000-1, 60pp.

CONFERENCE ABSTRACTS

- **Wieben, A.M.**, M.M. Shafer, and D.E. Armstrong. 2001. Analysis of Watershed Features Influencing Trace Metal Distribution between Suspended Particles and Water Using a GIS-Based Model. Abstract for 21st International Symposium, North American Lake Management Society, November 7-9, 2001; Madison, WI
- **Wieben, A.M.**, M.M. Shafer, and D.E. Armstrong. 2001. Development of Dissolved Metals Translators Using GIS and Multivariate Analyses. Abstract for 44th International Conference on Great Lakes Research, International Association for Great Lakes Research, June 10-14, 2001; Green Bay, WI

HONORS

Holstrum Environmental Scholarship 1998
Vicky Lee Hirsh Endowment for Conservation Recipient 1996
Student Athlete Scholar 95-96; 97-98
CAL S Sophomore Undergraduate Research Scholarship 1995
Mary E. Klingbell Scholarship 1994
Wisconsin Rural Rehabilitation Corporation Scholarship 1994
Dean's List: Fall 1994; Spring 1995; Fall 1995; Fall 1998

COMPUTER SKILLS

ArcInfo; ArcView; GRASS; Minitab; SAS; Microsoft Access, Excel and Word; HTML, Dreamweaver

LANGUAGE PROFICIENCY

Spanish - fluent; five semesters college coursework; lived in Valdivia, Chile one year
German - fluent, four semesters college coursework, lived in Germany for 2.5 years

ACTIVITIES DURING UNIVERSITY CAREER AND ABROAD

UW Rowing Team, GUTS Conversational English Tutor, Volunteer at University Hospital, University Choral Union, Club de Andinismo (mountaineering club in Chile), Freiburg Knights Softball Team