

VIRGINIA LYNN GEWIN

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EDUCATION

Doctor of Philosophy candidate, Soil Science, Oregon State University, 1998-2001
Master of Science Degree, Environmental Science, Washington State University, 1996
Bachelor of Science Degree, cum laude, Environmental Science, Auburn University, 1993

PROFESSIONAL EXPERIENCE

JOURNALISM

Freelance Science Writer, June 2002- present

- Cover environmental science news
- Articles featured in Nature, Science, Portland Monthly, the Oregonian, Frontiers in Ecology and PLoS Biology among others

Nature Magazine

Journalism Intern, January 2002-June 2002

- Wrote science news and feature articles
- Covered scientific conferences and the National Academy of Science

The Oregonian

Intern

American Association for the Advancement of Science (AAAS) Mass Media Science Writing Fellow, June-August 2001

- Summer fellowship at The Oregonian newspaper
- Wrote stories on topics ranging from genomics to volcanology

The Barometer—Oregon State University's newspaper

Journalist, September-December 1999

- Wrote articles profiling research at Oregon State University

RESEARCH

Department of Crop and Soil Science, Oregon State University, Corvallis, OR

PhD candidate, 1998-2001

- Research monitored global climate change effects on soil microbial communities
- Co-author of research grant to trace soil carbon at Wind River experimental forest
- Worked with EPA—using isotopes as tracers of microbes through soil

Grants/Fellowships Awarded

- Department of Energy, National Initiative for Global Environmental Change Grant, May 2001
- NASA Earth Systems Science Fellowship, 1999-2001
- Oregon Laurels Fellowship, 1999-2001
- Crop and Soil Science Department Research Fellowship, 1998-1999

Departments of Soil Science and Forest Science, Oregon State University, Corvallis, OR **Faculty Research Assistant, February, 1998-September 1998**

- Conducted research and was co-author of project on nutrient cycling in Senegalese soils
- Created web page for Tree Genetic Engineering Research Cooperative

**Agricultural Research Service, Washington State University, Pullman, WA
Research Assistant, January, 1997-December 1997**

- Wrote grower-oriented materials on current research findings
- Produced graphics for manuscripts and multimedia presentations
- Received SPOT cash award for excellence December 1997

**Department of Environmental Science, Washington State University, Pullman
Washington**

Master's Degree, 1994-1996

- Conducted research on soil quality of Conservation Reserve lands
- Assisted project on tracing wind erosion sources using "biological fingerprints"

TEACHING EXPERIENCE

**Department of Crop and Soil Science, Oregon State University, Corvallis Oregon
Teaching Assistant, Introduction to Soils class, 2000 and 2001**

- Invited lecturer for soil microbiology portion of the class
- Taught 2 laboratory sections per week

**Children's Clean Water Festival, Portland Oregon City Schools
Presenter 1998-2001**

- Created and presented a demonstration on soil erosion for 4th to 6th grade students

**Department of Environmental Science and Regional Planning, Washington State
University**

Teaching Assistant, Introductory Environmental Science, 1994-1996

- Lead one-hour discussions of environmental science topics, 4 classes/semester
- Designed and led a yearly field trip to recycling, landfill, and composting facilities