

VITA
Lisa B. Wilkins

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EDUCATION:

May 2003 (Expected) M.S. Environmental Studies, Coursework completed in 2002. Longwood University, Farmville, VA. Thesis: Relationships of environmental conditions and understory plant composition and diversity to time since shelterwood logging disturbance.

May 1997 B.S. Biology. George Mason University, Fairfax, VA.

1988 – 1993 A.S. Science program, Northern Virginia Community College, Sterling, VA.

HONORS AND AWARDS:

2002 Environmental Studies Scholarship, Annie's Homegrown, Inc.

1996 – 1997 Dean's List, George Mason University

1989 – 1993 Honor Roll, Northern Virginia Community College

RESEARCH EXPERIENCE:

2002 Bird Population Trend Analysis for Darlington Heights, Virginia (1967-2001), Longwood University, Independent Research Project

- Participated in 2001/2002 Christmas Bird Count at Darlington Heights.
- Analyzed, using SPSS, species count data provided by the Spring Creek/Margaret Watson Bird Club and volunteer effort data transcribed from The Raven (journal of the Virginia Ornithological Society)

2001 – 2002 Field research for Thesis, Longwood University

- Study sites were Shelterwood-cut timber stands and Control (uncut) stands located in Buckingham Co., VA.
- Conducted field identification and coverage estimates for understory vegetation species, did stem counts and height measurements for saplings, estimated canopy cover, and collected soil samples in study plot areas.
- Equipment: Garmin GPS III Plus receiver, sighting compass, spherical densiometer, light meter, thermometer, soil auger, square meter frame, DBH tape, and meter stick
- Performed data analysis using SPSS and Excel

TEACHING EXPERIENCE:

- 2002 Biology 101 Lab., *Biological Concepts and Applications*, Longwood University
- 2001 Chemistry 112 Lab., *Fundamentals of Chemistry II*, Longwood University
- 2000 Chemistry 101 Lab., *General Chemistry*, Longwood University

PROFESSIONAL EXPERIENCE:

- 2002 Counselor, BioQuest program, Southside Area Health Education Center/Longwood University, Farmville, VA
- BioQuest is a week-long Health/Science residential program for 7th – 9th grade students
 - Assisted with classroom instruction and laboratory exercises
 - Resided with the students in the dormitory, conducted study sessions, and guided them through the preparation of group PowerPoint presentations
- 2000 – 2002 Graduate Teaching Assistant, Longwood University, Farmville, VA
- Assisted with *Cultural Geography*, *Dynamic Planet*, and *Fundamentals of Botany* courses
 - Reestablished and developed the departmental rock and mineral display cases
- 1997 – 2000 Quality Assurance Assistant, Tetra/Second nature, Blacksburg, VA
- Performed all departmental administrative functions, and also assisted inspectors with sorting non-conforming products
 - Converted manual inspection logs to computerized format
 - Enhanced Access database for tracking non-conforming materials
 - Served on Recycling, Newsletter, and Open House committees
- 1986 – 1997 Administrative Assistant II, Covance Laboratories, Vienna, VA
- Promoted through the positions of: Lab Assistant, Administrative Assistant I, and Administrative Assistant II in the Client Services/Central Support department
 - Performed all departmental functions from the receiving and processing of biological samples, to invoicing for products and services
 - Served as backup Supervisor
 - Wrote and compiled ISO-9001 compliant procedure manual for all departmental processes.
 - Trained in Good Laboratory Practices, Blood Borne Pathogens, Diversity, Radiation Safety, and ISO-9001

COMMUNITY SERVICE:

- 2002 4H Center at Holliday Lake
- Volunteer Instructor for "Birds: Our Fabulous Feathered Friends" avian identification and information class (4H Day Camp)
 - Volunteer Instructor for "Bringing the Outdoors In" nature crafts class (VDGIF Mother/Daughter program)
- 2001 - 2002 Longwood University/Clean Virginia Waterways
- Drought Response Task Force Committee
 - Research and implement water conservation on campus at all levels

- Teacher Workshop on Virginia's Water Resources (2 sessions)
 - Discussed and demonstrated water testing kits (Ph, N, P, DO) and other water testing equipment (secchi disks, transparency tubes, and kick-seine nets for macroinvertebrates)
- Baseline litter survey
 - Tallied and categorized all litter present in assigned survey area
 - Information used to support campus Anti-Litter Campaign

2001 – 2002 Virginia Department of Forestry

- Coordinated Longwood/Clean Virginia Waterways efforts for the VDOF Tree Seed/Acorn drive held annually in the Fall; saplings grown from the seeds will be provided to the public for reforestation and riparian forest buffer plantings
- Created information flyers, tree ID key sheets, and a web page (<http://reforest.tripod.com>)

2001 - 2002 Friends of the Appomattox River

- Active member June 2001 to Present, Treasurer October 2001 to Present
- Assist with public education, canoe floats, and other events
- Also function as webmaster (<http://appomattoxriver.tripod.com>) and membership coordinator

1997 – 2000 Southwest Virginia Bird Club

- Active member June 1997 to June 2000, Treasurer February 1998 to December 1999
- Assisted with annual Bird Fair and other activities promoting education, products, and proper care for companion avian species

COMPUTER APPLICATION EXPERIENCE:

SPSS	HTML / Web page generation
ArcInfo/ArcView	Adobe Acrobat
Microsoft Office 2000 Professional Version	Family Tree Maker/Personal Ancestral File

PROFESSIONAL SOCIETY MEMBERSHIPS:

2002 Association of Southeastern Biologists

2002 Virginia Society of Ornithology

2000 Virginia Academy of Sciences

- Attended 2001 conference at James Madison University, Harrisonburg, VA

RESEARCH INTERESTS:

Biogeography/Plant Geography	Geographic Information Systems
Human Impact on Vegetation/Environment	Sustainable Use of Plants by Humans
Dendrochronology	Ethnobotany

REFERENCES:

Available upon request