

Web Site: www.lindakhandro.com
(Earth/Space Science Education & Research pages)

EDUCATION

Master of Arts in Teaching (Geology), State University of New York at New Paltz

Washington State Teaching Certificate: Grades 4-12 General Science and Math, Grades 7-12 Earth Science

Bachelor of Science (Geology) Magna cum Laude, State University of New York, New Paltz, NY

Associate in Science (Geology), Regents College Degrees of New York, Albany, NY

EDUCATIONAL AND CURRICULUM EXPERIENCE

2006 – 2011

Earth and Space Science Outreach Courses for In-Service Teachers and Continuing Education

Shoreline Community College; Summer College

Edmonds Community College; Creative Retirement Institute

Kamloops School District, Kamloops, BC

Okanagan College, Salmon Arm, BC

Sicamous High School, Sicamous, BC

1991-2011

Earth & Space Sciences College Instructor – face to face, hybrid, and online classes

- Grant awardee (WSBCTC and Gates Foundation) to revise hybrid Oceanography course
- Teaching Astronomy, Environmental Science, Geology, Meteorology, Oceanography
- Planning lessons, research projects, and audio/visual materials
- Organizing and conducting field trips and star parties
- Linking college and high school students where possible
- Incorporating the internet and web sites for student projects
(Edmonds Community College, Lynwood, WA; Pacific Lutheran University, Tacoma, WA; Pierce College, Puyallup, WA; Shoreline Community College, Shoreline, WA; Seattle Central & North Seattle Community College, Seattle, WA; Bellevue Community College, Bellevue, WA; Ulster County Community College, Stone Ridge, NY)

2000-2006

Coordinator, Projects Astro & AstroBio; Program Assistant, Center for Astrobiology and Early Evolution; Coordinator, Astronomy Department Outreach – Astronomy Department, University of Washington

- Managing day to day operations of Projects Astro & AstroBio and the CABEE
- Tracking budget information for Projects Astro & AstroBio and the CABEE
- Producing workshops, retreats, special lectures and other public events
- Coordinating publicity materials with UW designers and printers
- Fundraising for Project AstroBio and CABEE

1995-1997

Curriculum Developer and Earth Science Software Reviewer

- Lesson writing to accompany educational videodiscs in Geology and Meteorology
- Reviewing and editing graphics, animations and text for scientific accuracy on videodiscs and CD Roms, in Astronomy and Meteorology (Videodiscovery, Inc., Seattle, WA)

1985 - 1994

Mathematics Instructor and Substitute Teacher

- Taught middle and high school math and sciences to students of diverse academic and cultural backgrounds
- Organized daily lessons to accomodate a variety of student abilities
- Successful at personal interaction with challenging students, many with significant dysfunction (Seattle and Edmonds, WA School Districts, Onteora Central Schools, Boiceville, NY, and Saugerties Central Schools, Saugerties, NY)

1979 - 1985

Program Design and Public Relations Specialist

- Designed and produced educational programs, concerts, festivals (Creative Music Studio, NY)
- Designed and produced a spectrum of public relations and publicity materials

OTHER PROFESSIONAL EXPERIENCE

Educational Consultant:

- In-service Teacher Training: Kamloops & Sicamous, BC
- Table Mountain Star Party Presenter: local & regional geology for children and adults
- Conference Presentations: inquiry based activity lessons in earth and space science for educators
- Writer and Video Materials Reviewer: Multi-media curriculum design
- Workshop Presenter: "Expanding Your Horizons" science support for middle and high school girls
- Consultant/Coordinator: ASP's Project ASTRO; GSA's "Partners in Education" Program
- College Textbook and Educational Materials Review: Minerals: Their Constitution & Design, Cambridge Press; Astronomy Today, MacMillan; Astroventures, NASA

Independent Contractor:

- Co-creator: Northwest Science Education Initiative
- Certified Workshop Facilitator: Workshops for Global Rivers Environmental Education Network
- Certified Watershed Analyst: Washington State Department of Natural Resources
- Hydrogeology Researcher: Mid-Hudson Geosciences, Inc., New Paltz, NY,
- Licensed Asbestos Hygienist & Supervisor: Environmental Management Systems, New Paltz, NY

Past Professional Service

- Editor: Association for Women Geoscientists, national newsletter *Gaea*
- Treasurer: Northwest Geological Society
- Part-time Faculty Representative: NEA Union Local; BCC Association for Higher Education

COMPUTER EXPERIENCE

- Internet-based curriculum design and application (“Blackboard” and “Angel” software platforms)
- Personal web site design and maintenance
- Web based research in earth and space sciences
- Videodisc and CD Rom reviewing and application in curriculum design
- Internet-based national newsletter editing and file transfer
- Autocad, databases, spreadsheets, word processors, and geologic modeling software experience

PUBLICATIONS

Teacher’s Manual, Middle School Lessons for use with the *Understanding Earth* Videodisc, 1996

Teacher’s Manual, High School Lessons for use with *The Atmosphere* Videodisc, 1996

PAST and PRESENT PROFESSIONAL MEMBERSHIPS

American Geophysical Union, Association for Women Geoscientists, Columbia History of Science Group, Geological Society of America, Global Rivers Environmental Education Network, National Association of Geoscience Teachers, Northwest Geological Society, Planetary Society, Globe At Night.

ACHIEVEMENTS AND AWARDS (1988 – 1991)

- Grant awardee (WSBCTC and Gates Foundation) to revise hybrid Oceanography course
- Geological Society of America: Graduate Research Grant, 1990
- Scholarships (S.U.N.Y., New Paltz): Steven.J. Egemeir (2 years); Zonta Club of Kingston, NY; Kingston Chamber of Commerce; New York Empire Challenger Scholarship; Dean's List, four consecutive years (S.U.N.Y at New Paltz)