

SALLY JANE KEELY

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QUALIFICATION HIGHLIGHTS & ATTRIBUTES

- Contagious enthusiasm and passion for science, the environment, mathematics, and education
- Over 40 years teaching undergraduate mathematics courses and developing curriculum including 26 years designing, writing, creating online content, and teaching online STEM courses
- Taught 400 online mathematics classes with students on every continent including Antarctica
- Experienced science researcher and communicator
- Meticulous attention to detail, innovative, organized, flexible, self-disciplined, hard worker

HOBBIES / ABOUT ME

Have lived in Kalama WA (Cowlitz Co.) on five acres in the hills overlooking the Columbia River since 1996. Eclectic lifelong learner who enjoys science, reading, website design and development, coding, board games, photography, hiking, camping, travel, pets, and family. Vegetarian, H2O addict, avid walker.

EDUCATION

Certifications: EPA Watershed Academy Certification ('21), Universal Design for Learning (UDL) Certification ('20), Certified eLearning Professional ('19), Certified Quality Matters Peer and Publisher Reviewer ('12), Internationally Certified Online Educator ('01), Certified Internet Leader ('96)

1987 M.S. Mathematics, *Portland State University*, Portland, Oregon
Specialty: Combinatorial Topology and Multi-Dimensional Geometries
Thesis: "Meanderings on the Jordan Curve: A Combinatorial Analysis."

1985 B.S. Mathematics, *Mathematics, Portland State University*, Portland, Oregon
Undergraduate concentrations in computer programming, computer science, systems analysis, mechanical engineering, developmental psychology, and secondary teaching.

ACADEMIC EMPLOYMENT

1996-pres. Tenured Professor of Mathematics, *Clark College*, Vancouver, Washington
Currently teach pre-calculus algebra, trigonometry, and the calculus sequence for STEM. Mentor new instructors especially those teaching remotely. Serve and chair various campus committees.

2002-2022 Associate Faculty Member and Geometry SME, *University of Phoenix*
Primarily taught statistics and served as Subject Matter Expert (SME) for geometry courses.

2021-2022 Calculus SME, *Outlier.org*, and STEM Curriculum Specialist, *NextGenU.org*
Contract work performing curriculum reviews and development to ensure accuracy, clarity, and quality.

COMMUNITY SERVICE

Have served on a variety of nonprofit boards related to environmental protection, clean air and water, forests and biodiversity, consumer health advocacy, ecological justice, sustainability, mathematics, and education (higher-ed and home-ed). Former Girl Scout co-leader and 4H parent volunteer.

PROFESSIONAL DEVELOPMENT -- courses recently completed include:

Principles of Ambient Air Monitoring, AirKnowledge, U.S. EPA
Global Warming I: Science and Modeling of Climate Change, Univ. of Chicago
Global Warming II: Create Your Own Models in Python, Univ. of Chicago
Introduction to Environmental Law and Policy, Univ. of North Carolina at Chapel Hill
Introduction to American Law, Univ. of Pennsylvania
Learning for a Sustainable Future, Univ. of Edinburgh, Scotland