

QUALIFICATION HIGHLIGHTS & ATTRIBUTES

- Contagious enthusiasm and passion for STEM education
- 40 years teaching undergraduate mathematics and developing curriculum
- 23 years designing, writing, creating online content, and teaching online STEM courses
- Taught 350 fully online mathematics classes with students on every continent
- Engaging teaching style in inclusive online classroom providing student-centered active learning experiences, interactive discussions, and real-world problem-solving opportunities
- Served on variety of nonprofit boards related to environmental protection, consumer health advocacy, mathematics, and education (higher-ed and home-ed)
- Community climate scientist working for ecological justice and a sustainable future
- Home-educated daughter through to university via unique personalized ed-ventures
- Dual citizen U.S and Canada, living in WA state with strong family ties in B.C.
- Meticulous attention to detail, innovative, organized, flexible, self-disciplined, hard worker

EDUCATION & PROFESSIONAL DEVELOPMENT

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

2021-pres. STEM Curriculum Specialist and Mathematics SME, *NextGenU.org*
Curriculum review and development to ensure accuracy, clarity, quality, and consistency with outcomes.

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

1996-pres. Tenured Professor of Mathematics, *Clark College*, Vancouver, Washington
Currently teach pre-calculus algebra, trigonometry, and the calculus sequence for STEM. Developed and taught asynchronous online courses starting in 1999. Teaching load fully online since 2006. Train and mentor new instructors especially those teaching remotely. Serve and chair various campus committees.

COMMUNITY SERVICE & MEDIA

2016-2021 Team Lead, Researcher, Web Developer, and Webmaster
[NoMethanol360](#) campaign, Kalama, Washington
Recent victory as member of core team who prevented the world's largest fracked fossil-gas-to-methanol refinery and export terminal from being built along the Columbia River. See my recent [MEDIA events](#).

TECHNOLOGICAL EXPERTISE

- Active on the internet since 1993. First academic website created in 1996.
- Expert in HTML coding and Adobe Dreamweaver (webpage design software).
- Proficient in CSS, LaTeX, MathML, and ASCII MATH coding. Learning Python3.
- Certified in a variety of presentation, graphic design, and course management (CMS/LMS) tools.
- Experience with several social media apps and Nation Builder marketing/outreach software.