

About Professor Sally Keely

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As way of an introductory biography to my students (current and potential), here are some facts about my professional and personal background.

- Moved around a lot as a child and changed schools often so that much of my learning was done independently (in a VW bus crisscrossing N. America, living on a sailboat for a couple of years, even traveling by transcontinental train for months). I tell you this so you know that I do understand the *self-motivation* that is necessary to learn in a non-traditional environment such as the one in which you are about to embark.
- Left High School early to attend UC Santa Barbara. Majored in mechanical engineering, developmental psychology, computer programming, and systems analysis before earning B.S. and M.S. degrees (1985, 1987) in mathematics from Portland State University.
- Dedicated to mathematics education in the PNW for over 40 years. Started teaching at Mt Hood CC just before my 20th birthday. First tenured position was at Pierce College in Puyallup WA. Came to Clark College in 1996, tenured in 1999. Taught part-time at Univ. of Phoenix for twenty years (ret. 2022) where I also served as the Subject Matter Expert (SME) for geometry courses.
- Created the Clark College online mathematics program in 1999. Within a decade it had grown to about 20 different math courses available online and 15 dedicated online math faculty. Within two decades over 1000 online or hybrid math classes had been taught at Clark (pre-pandemic).
- Authored a series of algebra ebooks called [GOLDen Mathematics](#) in 2006.
- Developed the first-ever-in-the-northwest fully-online asynchronous Calculus I-II-III for STEM sequence of courses in 2009.
- Became a Certified Internet Leader in 1996, an Internationally Certified Online Educator (C.O.E.) in 2005, and a [Quality Matters](#) certified Online Course Peer Reviewer in 2012. Earned Clark's top online teaching qualification, Clark eLearning Professional certificate, in 2019, and [Universal Design for Learning \(UDL\)](#) Certification in 2020.
- Served as SME for Calculus at [Outlier.org](#) (2022) and Pre-Nursing Mathematics at [NextGenU.org](#) (2021-22).
- Have taught 400 asynchronous online maths classes with students on every continent including Antarctica!

Volunteered with a variety of nonprofit orgs related to climate science activism, ecological justice, sustainability, forest and water protection, progressive politics, home-education, mathematics (14 years as an Executive Officer of [WAMATYC.org](#)), and, as an advocate for persons exposed to [diethylstilbestrol \(DES\)](#), consumer health organizations. Spent six years serving as a team lead, researcher, and website developer for [No Methanol 360](#) who had a huge victory in 2021 stopping multinational big oil & gas corporation from building world's largest fracked fossil-gas to methanol refinery on the Columbia 30 miles north of Clark thus preventing 182 MMT of GHG emissions. In a technical capacity I help [DivestWA](#) get WA to stop investing state employee pension funds in fossil fuel projects. My main volunteer time/passion is as a forest advocate participating with [Washington State Lands Working Group](#) of the [PNW Forest Climate Alliance](#) and with [No Big Biomass PNW](#).

On a personal note, I was born in New York City, first American in my family, and hold dual citizenship with Canada. My parents both emigrated from England, met in Canada in the late 1950's, and spent most of their adult lives living and working in the U.S, and retired to Vancouver Island, B.C. My father (recently deceased) was a theatrical Actor and Artistic Director (you may have seen him on TV in old sitcoms, or in Disney's *Oliver and Company*) and my mother is a painter, sculptress, kayaker, beachcomber, and one of my best friends.

I live in Kalama, a small town along the lower Columbia River in Washington state, on 5 acres at about 2000 feet with my husband and our Blue Heeler / McNab doggie. I am an eclectic lifelong learner, avid walker, H₂O addict, vegetarian who enjoys science, reading, web development/coding, board games, puzzles, photography, hiking, camping, travel, dogs, and family. My hubby and I home-educated our daughter who attended Clark as a running-start STEM-major followed by the Honours program at WWU's College of the Environment earning AA, AS, BA, and BS degrees by age 21 (proud Mum). One could say a passion for education runs in the family ☺