

1 Qualifications

Experienced project leader with broad experience managing curricular development, faculty training, technology integration, and faculty support.

Innovative instructional designer with expertise using instructional design methodologies in building captivating course designs, dynamic presentations, and visual media.

Skilled problem solver with a history of troubleshooting complex issues in fast-paced and technically challenging environments.

Advanced web developer with experience teaching and building HTML5 content and creator of an AI voice-enabled virtual patient system used in healthcare education.

2 Education

2018 ● **Master of Arts, Learning and Technology**

School of Education and Technology, Royal Roads University, Victoria, BC, CAN.

1990 ● **Bachelor of Science, Marine Zoology**

Oregon State University, Corvallis, OR.

3 Experience

2003–Present ● **Instructional Systems Designer, Online Learning**

Mt. Hood Community College, Gresham, OR.

- Collaborated with subject matter experts across various higher education disciplines to develop technology-enhanced, online, and hybrid courses following best practices.
- Developed a faculty workflow for implementing in-classroom technology to offer dual-delivery courses, allowing students to attend the same class online or in person.
- Designed and maintained a visually engaging universal course model incorporating Quality Matters (QM) design initiatives that foster learner engagement and active learning.
- Created professional development programs covering learning management systems, media integration, video development, accessibility, universal design for learning, and assessment design in the era of AI.
- Provided advanced technical and systems administration support for Blackboard Learn, Zoom, Kaltura, and Online Publisher systems.
- Contributed to the Disability Services Council, advocating for ADA compliance in online learning course development and training.
- Conducted ongoing research and experimentation with emerging instructional technologies to implement new course models, training methodologies, and learning theories and create impactful educational experiences.



Portfolio A: Visual Design



Portfolio B: Delivery Design

2013-2020 ● **Contract Instructional Designer, Spanish for Healthcare Professions**

College of Health Professions, Pacific University, Hillsboro, OR.

- Led the development and maintenance of an integrated Spanish for Healthcare curriculum in collaboration with subject matter experts for graduate and undergraduate students across several healthcare education programs.
- Pioneered an innovative hybrid course model that merged real-world visual storytelling with language instruction, written and spoken language practice, and cultural competency objectives based on emerging second-language learning research.
- Researched and developed a customizable, cost-effective language learning system using voice recognition and AI that enabled students to interact with a virtual Spanish-speaking patient for practice, repetition, and analysis using real-world scenarios.



Portfolio C: Virtual Patient

2000-2004

Adjunct Instructor, Professional Web Development

Center for Executive and Professional Education, Portland State University, Portland, OR.

- Created and taught hybrid courses focused on professional web development, emphasizing best practices, graphics integration, accessibility, and responsiveness.
- Mentored students to build professional portfolios aligning essential skills with current workplace requirements.
- Offered guidance and system administration support for transitioning from Desire2Learn to the Canvas learning management system.
- Designed and led a hybrid training model to assist faculty in transitioning from in-person instruction to effective online course development and teaching.

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Publications

2018

Thesis: "Virtual Patient Learning Model..."

- DOI: <https://dx.doi.org/10.25316/IR-1529>, Royal Roads University.

1998

Author: "Dynamic HTML Web Magic"

- ISBN-13: 978-1568304212, Hayden Books.

1998

Contributing Author: "Dynamic HTML Unleashed, 2nd Ed."

- ISBN-13: 978-1575213538, Sams.net Publishing.

1994

Contributed Content: "Technique, images, and animation" in "Modeling the Dream..."

- ISBN-13: 978-1878739674, Waite Group Press.

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Projects

- Created a voice-enabled virtual patient-based learning model that serves as a Spanish language training partner for students in several healthcare professional programs.
- Secured grant funding to produce and direct six videos featuring professional actors illustrating interactions between bilingual doctors and Spanish-speaking patients.
- Designed an interactive fotonovela-styled comic book series to teach Spanish dialogue, grammar, and cultural norms through visual storytelling.
- Established a design-based research platform investigating emerging language learning technologies, teaching methods, and AI development for virtual patient scenarios.

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Presentations

- Presented "Collective Flow of Ideas" for Spanish for Healthcare Professionals at the Online Learning Consortium conference in Nashville, TN.
- Showcased an "Interactive Fotonovela" series at the Oregon Technology in Education Network conference, Pacific University, Forest Grove, OR.
- Shared a "Virtual Patient Based Learning Model" poster at the Association of Schools of Allied Health Professions conference in New Orleans, LA.
- Introduced the "Virtual Patient Learning Model" at the School of Healthcare Administration and Leadership meeting, Pacific University, Hillsboro, OR.
- Demonstrated "Interactive Video Development" at the Oregon Technology in Education Network conference, Pacific University, Forest Grove, OR.

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Community

- Created a practical training model with the Virginia Garcia Memorial Health Center, utilizing volunteers to simulate interviews between clinicians and patients.
- Launched an educational initiative in the Susan G. Komen organization to develop interactive videos supporting their Latina Cancer Initiative project.
- Produced video interviews between the instructor and local Latino community members in collaboration with Centro Cultural, contributing to community engagement cultural projects.