

PROFESSIONAL PROFILE

Secondary STEM Educator and TRU Bachelor of Education candidate with a background in biology and diverse professional experience in laboratory science, project management, design, and community leadership. Brings a collaborative, relationship-centred approach to teaching and learning, with experience designing curriculum-aligned, project-based learning experiences for diverse learners. Committed to fostering inclusive classroom communities through place-based learning, First Peoples Principles of Learning, and Universal Design for Learning.

TEACHABLE SUBJECTS

Life Sciences | Anatomy & Physiology | Biology | Secondary Science (Grades 8–10)

EDUCATION AND CREDENTIALS

Bachelor of Education (Secondary STEM) | Thompson Rivers University | Expected June 2026 | GPA 4.33

Bachelor of Science (Cellular & Developmental Biology) | University of British Columbia

Diploma in Interior Design | Interior Design Institute

TEACHING & PRACTICUM EXPERIENCE

Teacher Candidate | School District 73 (Kamloops-Thompson) | 2025 – 2026

Kamloops School of the Arts (Science 8 & 10, Life Sciences 11)

- Designed and delivered curriculum-aligned units, lessons, and assessments that integrated BC Curricular Competencies with arts integration, inquiry-based, experiential, and place-based learning approaches.
- Developed engaging learning experiences connecting cellular processes, genetics, evolution, and ecology to real-world contexts while incorporating First Peoples Principles of Learning through storytelling, outdoor learning, and exploration of ecosystem interconnectedness and reciprocity.
- Applied Universal Design for Learning (UDL) principles and differentiated instructional strategies to support diverse learners through multiple pathways for engagement, representation, and demonstration of learning.
- Designed and implemented a STEM education research project examining the impact of structured note-taking and vocabulary supports on Grade 8 students' confidence, scientific literacy, and identity as science learners, using findings to inform instructional practice and improve learner access.

Valleyview Secondary School (Science 9)

- Adapted and delivered a curriculum-aligned biology unit exploring cell theory, cell division, and reproduction through lessons, laboratory investigations, microscopy, and collaborative learning experiences.
 - Developed formative and summative assessments to support student understanding and scientific literacy. Built positive relationships with students through encouraging daily interactions that fostered psychological safety, confidence, and engagement in STEM learning.
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ADDITIONAL COURSES AND CERTIFICATIONS

Reconciliation Through Indigenous Education (UBC) | WHMIS 2015 (Lab Safety Compliance) | BC FoodSafe | TCPS 2: CORE 2022 (Research Ethics) | Emergency First Aid | Respect in Sport | Writing in the Workplace (SFU) | Certified Novel (Database) Administrator | Database Programming (BCIT)

SCIENTIFIC AND INDUSTRY EXPERIENCE

Manager, External Quality Assessment | Canadian Reference Laboratory | 1993 – 1998

- Managed quality control compliance program delivery for 400+ medical testing laboratories, ensuring rigorous adherence to scientific standards.
- Authored technical documentation and facilitated province-wide continuing education events, demonstrating an early aptitude for instructional design, adult education, and professional communication.

Sales Representative | GlaxoSmithKline Pharmaceuticals | 1998 – 1999

- Delivered evidence-based scientific education on vaccine products, translating complex microbiological data and public health research into accessible, persuasive presentations for medical professionals.

GOVERNANCE AND COMMUNITY LEADERSHIP EXPERIENCE

District Commissioner & Leader | Girl Guides of Canada | 2005-Current

- Manage district-level volunteer groups and lead youth programs focused on outdoor education and community service. Completed training sessions in Finance, Public Relations, Leadership, and Event Management.

President & Trustee, Board of Trustees | Kamloops Art Gallery | 2018 – 2023

- Guided strategic governance and community engagement, championing inclusive perspectives by prioritizing support for emerging and Indigenous artists.

Vice-Chair, Secretary & Board Member | Royal Inland Hospital Foundation | 2012-2022

- Provided strategic executive leadership to advance philanthropic support for critical community healthcare and medical resources, including the \$35M Phil & Jenni Gaglardi Tower campaign.

ADDITIONAL PROFESSIONAL EXPERIENCE

Design Lead | Kelson Group Property Management | 2014 – 2023

- Coordinated large-scale renovation projects, managed comprehensive budgets, and collaborated with multidisciplinary teams. *Transferable Skills:* Exemplary spatial organization, project management, artistic and creative planning: directly applicable to secondary science and applied design environments.

IT Consultant | Vancouver, BC | 1999

- Directed database systems development, internet support, and Y2K project coordination for two healthcare and biosciences organizations. *Transferable Skills:* Database development, IT, digital literacy.

PROFESSIONAL REFERENCES

Jonathan McCaughtery | Teacher Mentor, Practicum 3 (Long) | Kamloops School of the Arts, SD73 | (250) 374-3200 | jmccaughtery@exc.sd73.bc.ca

Simone Stella | Teacher Mentor, Practicum 3 (Long) | Kamloops School of the Arts, SD73 | (250) 374-3200 | [sstella@exc.sd73.bc.ca](mailto:ssstella@exc.sd73.bc.ca)

Elizabeth Dye | Faculty Mentor | Thompson Rivers University | (250) 318-4272 | bdye@tru.ca

Blair Lloyd | Principal | Kamloops School of the Arts, SD73 | (250) 374-3200 | blloyd@exc.sd73.bc.ca
