Curriculum Vitae

EDUCATION

Ph.D. Candidate, University of Victoria, Current

Department of Curriculum and Instruction

Dissertation title: "Technology-Integrated Assessment in Higher Education"

> **Publications from Dissertation Research**
>
> **Madland, C.**, Irvine, V., DeLuca, C., & Bulut, O. (2024a). Developing the Technology-Integrated Assessment Framework. *The Open/Technology in Education, Society, and Scholarship Association Journal, 4*(1), 1–19.
> **Madland, C.**, Irvine, V., DeLuca, C., & Bulut, O. (2024b). Technology-Integrated Assessment: A Literature Review. *The Open/Technology in Education, Society, and Scholarship Association Journal, 4*(1), 1–48.

Master of Education (Distance Education), Athabasca University, 2014

Thesis: *Structured Student Interactions in Online Distance Education: Exploring the Study Buddy Activity*

- Athabasca University Tim Byrne Memorial Scholarship (for academic excellence along with an outstanding thesis or project), nominated by the Centre for Distance Education, June 2014.

> **Publication from Thesis Research**
>
> **Madland, C.**, & Richards, G. (2016). Enhancing Student-Student Online Interaction: Exploring the Study Buddy Peer Review Activity. *International Review of Research in Open and Distance Learning, 17*(3).

Bachelor of Education (Great Distinction), University of Lethbridge, 2002

- Minor in Outdoor Education
- Specialization in Technology in Education
- Specialization in Career and Technology Studies

University College of the Fraser Valley, Abbotsford, BC 1999-2000

- Courses in geography; no credential.

Bachelor of Arts, Trinity Western University, 1997

- Physical Education
- Minor in Recreation

EXPERIENCE

Sessional Instructor, Trinity Western University

2019-Present

- LDRS 663 - Coaching for Transformational Blended Learning (2019, 2020, 2021, 2023, 2024 - Graduate course)

Sessional Instructor, University of Victoria

2019-2022

- EDCI 335 - Learning Design (2019, 2020, 2021)
- EDCI 339 - Open and Distributed Learning (2019 and 2020)
- EDCI 338 - Social Media and Personalized Learning (2022)

Manager of Online Learning and Instructional Technologies, Trinity Western University, Langley, BC

August 2016-Present

- Planned and led support for 300 faculty, instructors, and associated staff who pivoted to remote teaching due to covid-19
- Planned and executed new learning management system installation
- Envisioned and built flexible infrastructure for the design and deployment of online learning experiences

- Managed a growing team of instructional designers, digital course producers, media producers
- Trained faculty and support staff to use a new learning management system
- Coordinated work between multiple internal and external stakeholders
- Planned and implemented faculty development activities
- Supported the development of online learning initiatives as per the TWU Strategic Plan
- Hired and supervised student support workers
- Supervised course development projects to meet production timelines
- Researched and implemented new instructional strategies
- Participated in the planning and administration of policies, strategic plans, and goals

Coordinator for Educational Technologies, Thompson Rivers University, Kamloops, BC

March 2016-June 2016 (sessional appointment)

- Communicated best practices to support professional development through workshops and seminars.
- Contributed to strategic planning for maintenance, upgrades and data integrity of synchronous and asynchronous educational technologies.
- Provided technical support for faculty professional development and course delivery.
- Researched and reported on the use of emerging educational technologies to support and advance scholarly teaching and assessment of learning.
- Collaborated with TRU service units to establish, integrate and align blended and online learning solutions.

E-Learning Facilitator, Thompson Rivers University, Kamloops, BC

April 2010-June 2016

Faculty Development

- Designed, implemented, and evaluated learning outcomes and courses for professional development program for Open Learning Faculty Members (OLFMs).
- Facilitated faculty development courses and webinars to support student engagement and retention for OLFMs and TRU-OL staff.
- Co-planned and hosted annual OLFM faculty development workshops.
- Initiated, planned and designed online orientation and resource website for OLFMs at elearning.trubox.ca.
- Planned, led and debriefed team-building initiative tasks with colleagues and OLFMs.

Educational Technology

- Coordinated and implemented support for two major Learning Management System transitions for TRU campus and Open Learning faculty.
- Cooperated with staff from the TRU Centre for Student Engagement and Learning Innovation to support faculty teaching with Moodle.
- Created support materials for students learning to use WordPress to create and manage their own web-based e-Portfolios.

- Provided collegial one-on-one support to TRU faculty and OLFMs to promote student learning using emerging and trailing-edge educational technologies.
- Worked cooperatively with TRU Instructional Designers to effectively integrate educational technology tools in course designs.
- Created training materials for using TRU software systems (LMS, WordPress, Banner, HRSmart, Adobe Acrobat) in both print and video formats.

Open Education Research Fellow

November 2015-2017

Research

- Impact of open education resources, open textbooks and open platforms on faculty use of resources and student learning outcomes.
- Funded by OER Research Fellowship (~$5000)
- Three presentations from this research were given.
- TRU Office of Research Services File #101066

St. Ann's Academy (High School), Kamloops, BC

2007 - 2010

- Physical Education
- Digital Media and Design

Heritage Christian Academy (High School), Calgary, AB

2002 - 2005

- Physical Education
- Sports Medicine
- Outdoor Education
- Digital Media and Design

WR Myers High School, Taber, AB

2002 (Temporary Contract)

- Physical Education
- Outdoor Education
- English

Assistant Language Teacher, Nagoya and Ogaki, Japan

2005 - 2007

- Assisted Japanese Teachers of English with lessons and lesson planning
- Engaged in cultural exchange activities

INVITED WORKSHOPS

Self-Paced Learning in Higher Education, Pan-Africa Christian University, Nairobi, Kenya

May 22-23, 2023

- technology-mediated learning theory
- differentiating modality and pedagogy
- learning design blueprint for self-paced learning
- assessing learning
- tools for interaction and engagement

ACADEMIC PUBLISHING

Author

- **Madland, C.**, Irvine, V., DeLuca, C., & Bulut, O. (2024a). Developing the Technology-Integrated Assessment Framework. *The Open/Technology in Education, Society, and Scholarship Association Journal, 4*(1), 1–19.
- **Madland, C.**, Irvine, V., DeLuca, C., & Bulut, O. (2024b). Technology-Integrated Assessment: A Literature Review. *The Open/Technology in Education, Society, and Scholarship Association Journal, 4*(1), 1–48.

- **Madland, C.**, & Richards, G. (2016). Enhancing Student-Student Online Interaction: Exploring the Study Buddy Peer Review Activity. *International Review of Research in Open and Distance Learning, 17*(3).

Peer Reviewed Proceedings

- **Madland, C.**, Irvine, V., DeLuca, C., & Bulut, O. (2024, June). Evolving our understanding of technology-integrated assessment: A review of the literature and development of a new framework. *Open/Technology in Education, Society, and Scholarship Association at Congress of the Social Sciences and Humanities*, Montreal, QC, CA.
- **Madland, C.**, Ofosuhene, M., & Adkins, J. (2022). Digital Platforms and Algorithmic Erasure: What are the Implications? *Open/Technology in Education, Society, and Scholarship Association at Congress of the Social Sciences and Humanities*, Online.
- **Madland, C.**, & Restoule, J.-P. (2021). Self-Determination in Indigenous Online Education. *The Open/Technology in Education, Society, and Scholarship Association Conference, 1* (1), 1–7.

Reviewer

- Open/Technology in Education, Society, and Scholarship Association (OTESSA) Conference
- International Review of Research in Open and Distance Learning (IRRODL),
- Research in Learning Technology (ISSOTL)

Presentations

- ***Madland, C.** (2023, June). Research? Which Research? Technology, Assessment, and Higher Education in Tension. OTESSA 2023, Online.

- ***Madland, C.** (2022, May). Assessment and Digital Technology in Higher Education: A Review of the Literature. OTESSA 2022, Online.

- *Irvine, V., Paskevicius, M., **Madland, C.**, McCue, R., Roberts, V. (2022, May). Multi-Section Open Course Design: Design and Implications for Faculty, Sessional Instructors, and Learners. OTESSA 2022, Online.
- *Marjanovic, K., Golland, B., **Madland, C.** (2022, May). Share Access! Using Bookdown to Remove Barriers and Open Up Learning. OTESSA 2022, Online.
- ***Madland, C.**, Ofosuhene, M., and Adkins, J., (2022, May). Digital platforms and algorithmic erasure: What are the implications? OTESSA 2022, Online.
- **Madland, C.** (2021, September). Assessment Approaches in Higher Education. Let's Talk about Teaching, Victoria, BC.
- *Clark Gray, B., & **Madland, C.** (2021, June). Resisting Surveillance Technology. OTESSA 2021, Online.
- ***Madland, C.**, & James, H. (2021, June). Experiencing a cognitive apprenticeship in the context of co-designing and co-teaching an undergraduate course. OTESSA 2021, Online.
- ***Madland, C.** (2021, May). Humanizing Assessment in Online Higher Education. OTESSA 2021, Online.
- ***Madland, C.** (2021, May). Indigenous Digital Self-Determination. OTESSA 2021, Online.

- Chan, K., Irvine, V., & **Madland, C.** (2020, July). Decentralized Synchronous Learning Pods For Learner Discourse and Community-Building: An Alternative to Breakout Rooms. Let's Talk about Teaching, Victoria, BC.
- Irvine, V., James, H., **Madland, C.**, & McCue, R. (2020, July). Teaching in the Open: Supporting Open Access Designs for Social Justice. Let's Talk about Teaching, Victoria, BC.
- James, H., & **Madland, C.** (2020, July). Co-Designing and Co-Teaching an Online Course. Let's Talk about Teaching, Victoria, BC.
- ***Madland, C.**, & Irvine, V. (2020, April 17). Self-Determination in Indigenous Online Education [Roundtable Session]. AERA Annual Meeting, San Francisco, CA. (Conference Canceled).
- ***Madland, C.** (2019, June). Indigenous and Open Education: A contradiction? CSSHE Conference, Vancouver, BC.
- ***Madland, C.** (2017). Flexible Infrastructure to Support the Design and Delivery of Online Learning. ICDE World Conference for Online Learning, Toronto.
- ***Madland, C.** (2016, November). The Open Advantage. Open Education, Richmond, VA.
- *Hendricks, C., Jhangiani, R., & **Madland, C.** (2016, March). Experiences, perceptions, and outcomes of BC students using open textbooks: Research from the BC OER Research Fellows. BCcampus Festival of Learning.
- **Madland, C.** (2016a, February). Building Trust and Community with Initiative Tasks. Teaching Practices Colloquium, Kamloops, BC.
- **Madland, C.** (2016, February). Communities of Inquiry to Ignite Learning. Teaching Practices Colloquium, Kamloops, BC.
- ***Madland, C.** (2016, April). Enhancing Learning through OER and Open Platforms. OER16, Edinburgh, Scotland.
- ***Madland, C.** (2016, April). Exploring the Remix Hypothesis. Open Education Global Conference, Krakow, Poland.
- ***Madland, C.** (2015, November). Open and Connected Faculty Development. Open Education, Vancouver, BC.
- **Madland, C.** (2014, February). Structured Student Interactions. Teaching Practices Colloquium, Kamloops, BC.
- **Madland, C.** (2014, May). Encouraging Deeper Approaches to Learning. Open Learning Faculty Members Workshop, Kamloops, BC.
- ***Madland, C.** (2014, May). Structured Student Interactions. CNIE Conference, Kamloops, BC.
- ***Madland, C.** (2013, September). Structuring Student Interactions in Online Distance Learning: Exploring the Study Buddy Activity. Athabasca University Graduate Students' Conference, Edmonton, AB.
- **Madland, C.** (2012, February). Engaging Students with Video. Teaching Practices Colloquium, Kamloops, BC.
- **Madland, C.** (2012, May). Online Faculty Development. Southern Alberta Institute of Technology Faculty Showcase, Calgary, AB.

- **Madland, C.** (2012, May). Outside the Box Feedback with Adobe Acrobat. Open Learning Faculty Members Workshop, Kamloops, BC.
- **Madland, C.** (2011, October). Thinking Despite the Box: Designing Interaction in Blackboard. Teaching with Technology Series, Kamloops, BC.
- **Madland, C.** (2010, October). Twitter in Higher Education. Teaching with Technology Series, Kamloops, BC.
- * Peer Reviewed

COMMITTEES

- Founding Board Member, Open/Technology in Education, Society, and Scholarship Association (OTESSA), 2019-present
- Faculty Professional Learning Committee, Trinity Western University, 2016-present
- Board of Directors, Canadian Network for Innovation in Education (CNIE), two year appointment beginning June 2016.
- Chair, Thompson Rivers University Graduate Studies Committee of Senate, November 2015-April 2016
- Thompson Rivers University Graduate Studies Committee of Senate, November 2012 - November 2015
- Academic Planning and Priorities Committee of Senate, October 2015-April 2016

AWARDS

- BCcampus Research Fellowship, 2022 ($6000)
- University of Victoria Graduate Student Award, September 2019 ($5000)
- University of Victoria Graduate Student Award, September 2018 ($5000)
- TRU Open Learning Presentation Fund, April 2016 ($5000)
- Open Education Resources Research Fellow, Open Education Group, 2015-16 (5000 USD)
- Athabasca University Tim Byrne Memorial Scholarship (for academic excellence along with an outstanding thesis or project), nominated by the Centre for Distance Education, June 2014. ($1000)
- Athabasca University Student Travel Award, September 2013. ($800)
- Athabasca University Graduate Student Mission Critical Research Fund, April 2013. ($420)
- Athabasca University Access to Research Tools, April 2013. ($300)
- Outstanding Service Award from Thompson Rivers University Open Learning, September 2012.

PROFESSIONAL LEARNING

- Coaching for Leaders, Smart + Savvy and Associates (2018)
- Interculturalizing the Curriculum, Thompson Rivers University (2015)

CURRICULUM DEVELOPMENT PROJECTS

- LDRS 101 - Learning in a Digital World
- LDRS 663 - Transformational Blended Learning
- EDCI 335 - Learning Design
- EDCI 339 - Distributed and Open Learning
- Teaching Online Effectively (TOnE)
- Online Teaching and Learning
- Online Facilitation Skills for Student Learning, Engagement, and Retention
- Course Management Strategies
- Online Student Success

RELATED EXPERIENCE

Research Assistant, Athabasca University, Athabasca, AB

December 2010-December 2013 and November 2009-January 2010

- performed literature searches using electronic databases
- collated and reported results of literature searches
- provided advice about and edited survey items
- composed, sent and tracked emails sent to students inviting them to participate in a SSHRC-funded research study

High School Teacher & Athletic Director, St. Ann's Academy, Kamloops, BC

September 2007-March 2010

- recruited and trained up to 50 volunteer coaches, managers and student and parent volunteers per year
- designed, planned and taught digital media courses for high school students
- introduced revised assessment practices in high school physical education classes
- planned and hosted 8 tournaments per year in various sports

English Teacher, Ogaki and Nagoya, Japan

October 2005-July 2007

- assisted Japanese Teachers of English with course development, lesson planning and team-teaching in the classroom
- taught academic English to Japanese students wishing to study in North American universities

Challenge Course Facilitator, Trinity Western University, Langley, BC

1998-1999 (Seasonal)

- conducted needs assessment interviews for corporate and community clients
- planned safe and effective team-building tasks using low and high ropes course activities
- facilitated discussions among participants designed to draw out lessons learned about communication, teamwork, leadership and other collaborative skills
- evaluated the effectiveness of challenge course experiences

CERTIFICATIONS

- British Columbia Ministry of Education Teacher Regulation Branch
    - Professional Certificate #L178396
- Alberta Education
    - Permanent Professional Certificate #254651U