

Curriculum Vitae

Colin M. Madland, Ph.D(c)

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

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

- Collaborated with senior leadership, project managers, and my team to envision and realize the creation of an online, asynchronous, continuous-entry higher education program
- 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

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.**, Ofosuhenne, 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
- Open/Technology in Education Society, and Scholarship Association (OTESSA) Journal,
- International Review of Research in Open and Distributed Learning (IRRODL),
- Research in Learning Technology (ISSOTL)
- Teaching & Learning Inquiry
- International Journal of E-Learning and Distance Education

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 Book-down 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 627 - Adult Learning (Course Revision)
- 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