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.](https://doi.org/10.18357/otessaj.2024.4.1.63) *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.](https://doi.org/10.18357/otessaj.2024.4.1.57) *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*](http://hdl.handle.net/10791/47)

* 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.](https://doi.org/10.19173/irrodl.v17i3.2179) *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.](https://doi.org/10.18357/otessaj.2024.4.1.63) *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.](https://doi.org/10.18357/otessaj.2024.4.1.57) *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.](https://doi.org/10.19173/irrodl.v17i3.2179) *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.](https://doi.org/10.18357/otessac.2021.1.1.147) *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.](https://otessa.github.io/2023/friday-june-2-online-sessions-only.html#concurrent-session-18.5-sustaining-positive-change) OTESSA 2023, Online.
* \***Madland, C.** (2022, May). [Assessment and Digital Technology in Higher Education: A Review of the Literature.](https://otessa.github.io/2022/tuesday-may-17-2022.html#assessment-and-digital-technology-in-higher-education-a-review-of-the-literature-research-oriented) 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.](https://otessa.github.io/2022/wedesday-may-18-2022.html#parallel-session-11.1-transitions-of-online-learning-and-teaching-pse-open) OTESSA 2022, Online.
* \*Marjanovic, K., Golland, B., **Madland, C.** (2022, May). [Share Access! Using Bookdown to Remove Barriers and Open Up Learning](https://otessa.github.io/2022/friday-may-20-2022.html#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?](https://otessa.github.io/2022/tuesday-may-17-2022.html#digital-platforms-and-algorithmic-erasure-what-are-the-implications-practice-oriented) 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](https://otessa.org/2021/abstracts/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.](https://otessa.org/2021/abstracts/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.](https://otessa.org/2021/abstracts/humanizing-assessment-in-online-higher-education/) OTESSA 2021, Online.
* \***Madland, C.** (2021, May). [Indigenous Digital Self-Determination](https://otessa.org/2021/abstracts/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]](http://tinyurl.com/vp8h3q8). 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)](https://otessa.org), 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](https://www.tru.ca/intercultural/inventory.html), 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