



Open Education Yearly Update 2020

Completed December 2020

Submitted by OE Working Group
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I. Summary of Report

The Open Education Yearly Update 2020 report provides an overview of the activities of the Open Education Working Group (OEWG) and of individual faculty members, administrators, and departments relating to various aspects of open education (OE) at TRU. Although the pandemic forced the cancellation of many planned activities (e.g., Winter Semester Open House) and conferences, TRU continues to be very active in OE.

OEWG accomplishments include electing a new vice chair, holding two OEWG meetings, promoting the OER Development Grants, collaborating with TRUSU to plan Open Education Week activities in March, working with the TRU Library to plan events for Open Access Week in October and to establish a new TRUspace collection for OER, and actively seeking opportunities to promote OE at TRU.

This report also includes all known projects, conference presentations, and other activities related to OE undertaken by TRU faculty, staff, and administrators. However, we recognize that the list of identified activities may be incomplete. Known activities include workshops on getting started with OER, Pressbooks, and Creative Commons; two rounds of funding for the OER Development Grants; and three OER writing sprints. We also identified 15 completed OER adaptation or creation projects and 18 projects that are currently underway.

It is noteworthy that TRU has very close ties with BCcampus in various capacities including having representation on several committees and communities of practice, having successful grant recipients, facilitating webinars, writing open textbook reviews, and receiving three BCcampus Awards for Excellence in Open Education during the past year. We were also able to determine that during the Fall 2020 semester, there were over 3700 downloads of open textbooks written by TRU faculty from the BCcampus site. The recently completed inventory of TRU's zero textbook cost (ZTC) courses which identified 232 courses (310 individual sections) during the Fall 2020 semester demonstrates that there is probably a lot more OE related activities at TRU than previously suspected.

While some planned conferences such as the Festival of Learning were cancelled due to the pandemic, TRU staff, faculty, and administrators still managed to present on OE topics at quite a few conferences that managed to convert to online platforms, including the three major international conferences, OER20, the Open Education Conference, and OE Global.

While there were many successes related to OE at TRU in 2020, we also recognize that there are some significant challenges, including the impact of the COVID-19 pandemic; the hurdles with collecting, compiling, and visualizing data of OER use at TRU; the hindrances in connecting with faculty to promote OE at TRU, and the potential impact of the VitalSource inclusive access automatic billing service. The report also includes some recommendations related to having dedicated ongoing funds to support OE and a senior leadership role that supports and advocates for OE and identifies some next steps to continue to build the OE community and activities at TRU.

II. Overview of Open Education Working Group

The mandate of the Open Education Working Group (OEWG) is “to foster and support a culture of Open Education (OE) initiatives at TRU.” Open Education includes not only the development, adoption, and adaptation of Open Educational Resources (OER), (i.e., freely accessible, openly licensed resources that are used for teaching, learning, educational assessment, and research), but also aspects of open pedagogy as a site of praxis, a place where theories about learning, teaching, technology, and social justice enter a conversation with each other and inform the development of educational practices and structures. The OEWG seeks to develop, coordinate, and support sustainable OE initiatives and collaboration amongst departments, divisions, faculties, and schools at TRU for both campus and online delivery.

Membership in the OEWG is open to anyone at TRU who is interested in open education. We actively encourage key stakeholders from across TRU to participate to best represent the breadth of supports and interests across the institution. As per the terms of reference, the group has an elected chair and vice-chair and holds regular meetings at least once per semester or as requested.

III. Accomplishments for 2020

A. Working Group Accomplishments

- 1) Begun to overhaul OEWG website
 - The OEWG website (<https://oewg.trubox.ca/>) was created in the Winter 2019 semester to explore the concepts of OE (including both OER and open pedagogy/practice), to highlight OEWG activities and projects, and to provide information about upcoming conferences, events, and research in the field. However, as we have worked with the site, we have come to realize that its organization does not meet our needs, so we are in the

process of reorienting the content to reflect open education in all of its initiatives at TRU, rather than simply being about the OEWG. Brenda Smith, Ken Monroe, Michelle Harrison (Assistant Professor/Senior Instructional Design in Learning Design and Innovation), and Christine Miller (OER Development Grant Coordinator) are currently working with Stephanie Gountas (TRU-OL) to reorganize the site. We have had initial discussions, but the actual coding work will begin in December 2020 or January 2021

2) Elected a New Vice Chair for OEWG

- In spring 2020, Jamie Noakes had to step away from her role as OEWG Vice Chair due to changes in her workload. At the June 2020 OEWG meeting, Brenda Smith agreed to stay on as OEWG Chair for another year. A call went out for a new Vice Chair, and an election was held. Ken Monroe (Instructional Designer, Learning Design and Innovation) was the successful candidate; he has been working as the new Vice Chair with Brenda since the summer. He will take over the role as OEWG Chair in June 2020

3) Held two OEWG meetings

- June 2020: 22 people attended
- November 2020: 16 people attended

*Note: the meeting planned for March 2020 was cancelled due to the COVID-19 pandemic; people were busy trying to adjust to the new circumstances so it was felt that a meeting was burdensome during the Winter 2020 semester

4) Promoted OER Development Grants

- Made efforts to promote OER Development Grants via email, newsletters, informal chats with faculty, and webinars in July and October 2020. See Open Education Projects sections for more information about the status of various projects

5) Developing relationship with the Coordinator, OER Development Grant

- The Chair, Vice-Chair, and other members of the OEWG have met with the new OER Development Grant Coordinator, Christine Miller, semi-regularly since she started her position to build relationships and share capacity

- 6) Worked with IT to resolve listserv issues
 - The OEWG listserv was created in December 2019, but we had issues accessing the administrative dashboard off campus, which was necessary once people began primarily working from home in March 2020. We also needed to change the administrators after the new Vice Chair came on board. After much back and forth, these issues were resolved in November 2020, so we were able to add new members to the group list
- 7) Worked with TRUSU on Open Education Week 2020
 - Members of the OEWG worked with TRUSU to organize events for the 2020 Open Education Week (2-6 March 2020), including presenting and facilitating sessions as well as having an information booth about Open Education using the OEWG's promotional material made in 2019
- 8) Worked with TRU Library for Open Access Week Events
 - Collaborated with Erin May at the TRU Library to hold two online sessions about OER as part of the TRU Library's Open Access Week events in October 2020 (*See below under webinars for more details*)
- 9) Working with TRU Library to establish a TRUspace Collection for OER at TRU
 - Brenda Smith met with Erin May (who maintains the TRUspace institutional repository at the TRU Library) to organize a collection in TRUspace to host any OER creations or adaptations by TRU faculty regardless of format. This collection will provide one-stop access to OERs in various formats and locations, such as TRU Pressbooks, BCcampus Pressbooks, WordPress, etc. for archival purposes, and will complement the [TRU Pressbooks catalogue](#). While the feature has been turned on in TRUspace, we are still working on developing processes on how to add resources to the collection, so there is no content in it at present. It will be available at: <https://tru.arcabc.ca/islandora/object/tru%3Aoer>
- 10) In early 2020, the Chair and then Vice-Chair identified a list of TRU events that to attend to increase the visibility of Open Education at TRU. While we were able to participate in both Open Education Week and Open Access Week, we were unable to participate in any of the other events due to the pandemic. We hope to be able to participate in these events in some capacity in 2021. The identified events include:
 - Open house (*each semester*)
 - Open Education Week
 - Open Access Week

- Welcome Back BBQ 2020
- Orientations (International and Domestic) (*each semester*)
- New faculty orientation sessions
- Chairs Group
- Presenting to faculty councils throughout the year

11) Marketing and Promotion Efforts

- *Working with MarCom*: The OEWG Chair and the then OERDG Coordinator met with MarCom multiple times in the Fall 2019 semester to discuss ways that they could help to promote OE activities at TRU. These conversations led to an [Inside TRU article](#) in 2019 and an article about OE in the 2020 edition of *Bridges*:
 - Fenwick, Elise. "Open for Change: Breaking Down Barriers and Improving Access to Higher Education." *Bridges*, no. 17 (Spring 2020): 22-23. https://www.tru.ca/_shared/assets/spring-2020-issue48760.pdf
- Promoted conferences, webinars, and other professional development events via the website, listserv, and word of mouth
 - Many TRU faculty reported submitting conference proposals, attending conferences (mostly virtual), and participating in webinars related to open education

B. General Open Education-Related Accomplishments at TRU

While efforts were made to include all OE-related accomplishments by TRU faculty, staff, and administrators, it is likely that others have taken place this year that the OEWG does not know about. Names of TRU faculty, staff, and administrators have been bolded for easy identification.

1) OE Workshops and Sessions

- **Christine Miller** (OER Development Grant Coordinator) held an Introduction to Pressbooks session via Teams in December 2020
- **Brenda Smith** (Library) offered discipline specific "Getting Started with OER" sessions via BlueJeans in July and December 2020 for Arts, Education & Social Work, FACT, Nursing, Science, and SoBE
- **Brenda Smith** (Library) offered Creative Commons workshops via Teams in December 2020 for OER Development Grant holders
- **Brenda Smith** (Library) facilitated a presentation of OER activities at TRU which featured **Christine Miller** (University and Employment Preparation), **Lian Dumouchel** (Tourism Management), **Marie Bartlett** (Learning Design & Innovation), **Biggi Weischedel** (OLFM), **Shannon Smyrl**

(Journalism, Communication & New Media), and **Trent Tucker** (Management, International Business, Information & Supply Chain):
“Adopting, Adapting, or Creating OER: A Showcase of What’s Happening at TRU” (BlueJeans) - October 2020 (for Open Access Week)

- **Brenda Smith** (University Library) and **Ken Monroe** (Learning Design & Innovation) presented “Getting Started: Finding, Using, and Adapting Open Resources” (BlueJeans) - October 2020 (for Open Access Week)
- **Erin May** (Library) presented “Introduction to Open Access” (BlueJeans) - October 2020 (for Open Access Week)
- **Erin May** (Library) presented “Publishing Open Access: Information for Faculty” (BlueJeans) - October 2020 (for Open Access Week)
- **Brenda Smith** (Library) offered two in-person workshops “Open Educational Resources: Finding, Adopting, and Adapting OER” in Williams Lake in March 2020 as part of Open Education Week

2) OER Development Grants

- Two rounds of funding were held for the OER Development Grant; five projects were approved in Spring 2020 and five projects were approved in Fall 2020. More information about completed and in process projects are listed under “Open Education Projects” section below.

3) Inventory of OER and ZTC Courses at TRU

- **Brenda Smith** (Library) undertook an inventory of TRU campus courses at both Williams Lake and Kamloops for the Fall 2020 semester to try and identify which courses have zero textbook cost (ZTC) and/or use OER. She compiled data from the Bookstore, Banner, and self-identified OER use from BCcampus. 232 courses were identified, and it was determined that there is not a single source that currently provides a complete picture of what is happening at TRU:

- Total courses identified as ZTC: 232
- Total courses with known OER use: 29 *
- Total sections of courses identified as ZTC: 310

- Total courses identified by Banner: 54 (23.3% of total courses)
- Total courses identified by Bookstore: 189 (81.5% of total courses)
- Total courses identified by BCcampus: 15 (6.4% of total courses)

- Course identified by Bookstore, Banner, and BCcampus: 1 (0.43%)
- Courses identified by both the Bookstore and Banner: 18 (7.8%)
- Courses identified by both Bookstore and BCcampus: 5 (2.2%)

- Courses only identified by BCcampus: 9 (3.9%)
- Courses only identified by Banner: 36 (15.5%)

In the inventory, Brenda noted OER use if she could positively identify that OER were used in the course, as well as specific OER titles whenever possible. The data included some courses from the Bookstore that had recommended or optional texts – as long as they did not have any “required” texts. Brenda suspect that many of the courses listed as ZTC are using OER, but is not sure as she has not contacted the individual faculty to find out what resources they used. Time permitting, that may be a project to undertake during the Winter 2021 inventory using the same methodology. (See Excel Spreadsheet that is attached to the email for the full inventory)

4) OER sprints

- A “sprint” is an event where a cross-disciplinary group of people come together to work on a specific project on a short timeline. TRU had three sprints in 2020:
 - i) OER Development Grant Recipients one day sprint - facilitated by **Christine Miller** (OER Development Grant Coordinator) and **Brenda Smith** (Library) (December 2020)
 - ii) Physical Geography Open Textbook three-day sprint facilitated by **Michelle Harrison** (Learning Design & Innovation) and **Brenda Smith** (Library) (February 2020)
 - iii) OER curriculum resources one day sprint for Learning Design and Innovation (i.e., CELT, educational developers, and instructional designers) - facilitated by **Brenda Smith** (January 2020)
Note: The planned March 2020 one day sprint was cancelled due to COVID-19

5) BCcampus Awards for Excellence in Open Education

- November 2020 – **Brian Lamb** (Director, Learning Technology & Innovation)
- July 2020 – **Michelle Harrison** (Assistant Professor/Senior Instructional Designer, Learning Design & Innovation)
- January 2020 – **Brenda Smith** (Open Education Librarian, Library)

6) Members of BCcampus Committees and Communities of Practice

- **Steve Earle** (OLFM): STEM ZTC Advisory Group

- **Michelle Harrison** (Learning Design & Innovation): OER Advisory Committee
 - **Michelle Harrison** (Learning Design & Innovation): Open Homework System Advisory Group
 - **Brenda Smith** (Library): BC Open Education Librarians (BCOEL)
 - **Brenda Smith** (Library): Business ZTC Advisory Group
- 7) BCcampus [H5P OER Development Grants](#) as part of the Open Homework Systems (OHS) project:
- **Brenna Clarke Gray** (Educational Technology Coordinator, Learning Design & Innovation) is the project lead to integrate more hands-on, formative learning objects into the [Writing for Success – 1st Canadian Edition](#) textbook
 - Participating institution in the revamp of the [Introduction to Tourism and Hospitality in BC](#) textbook to create formative learning opportunities in the open textbook using H5P activities
- 8) BCcampus grant to create OER for Health Care Assistant program
- **Tracy Christianson** (Nursing) and **Kim Morris** (Nursing)
- 9) BCcampus grant to develop ZTC pathway for Associate of Science
- It is expected that TRU’s pathway will be ready for the 2021–2022 academic year. This year the focus is on creating/adopting OERs for BIOL 2341 (close to completion), STAT 1201, MATH 1141 and BIOL 2131. Other first year science courses including Intro Biology, Chemistry and Physics will also be worked on
- 10) BCcampus Open Education and Advocacy Research Fellows
- 2019-2020: **Michelle Harrison** (Learning Design & Innovation): <https://inside.tru.ca/2019/10/10/research-explores-impact-of-learning-in-the-open/>
- 11) Adoption of Christine Miller’s (University and Employment Preparation) open textbook
- **Christine Miller**’s presentation “Science in the Open” at the BC Adult Basic Education Science Articulation meeting in October 2020 on Thursday, October 2020 showcased her *Intermediate General and Applied Science Course Pack* and *Human Biology* open textbook. Okanagan College has committed to adopting the open textbook, and Capilano University and Vancouver Community College have both

indicated they plan to adopt it. All TRU BIOL 0600 sections and the TRU-OL course BIOL 0601 will also be adopting the open textbook

- 12) **Izabella Mazur** (University and Employment Preparation) received two awards:
- Festival of Learning Bursary of \$1500 from BCcampus for “incredible work on the ABC ZTC Project”
 - Dean’s Research Award of \$4000 to hire two research assistants to work on OER creation

13) [Open Education Resource universitas \(OERu\)](#)

- 2020 was a significant year for the OERu at TRU. We finalized the micro-credit transfer agreement, which now allows a pathway for students across the globe to convert OERu courses towards a credential at TRU. This was an important agreement as it represented the first micro-credential transfer agreement in British Columbia and required an international three-way agreement between OERu, Otago Polytechnic and TRU. This is ground-breaking work, that truly supports the spirit of open and accessible education. Notably, this initiative has been gaining attention from across the Province of B.C.

We have also received the first bath of large-scale feedback on the student experience in the OERu Learning in a Digital Age course. We are reviewing the data and will report to the working group at TRU.

Lastly, like for many, 2020 was a challenging year that delayed some of the promotional work we have wanted to do with the OERu, however we are looking forward to next year as we work with Wayne McIntosh at the OERu, to scale up our partnership. *[Submitted by **Matt Dyck** (Associate Director, Student Engagement and Experience - Open Learning)]*

- 14) TRUSU sponsors student participation at Open Education Conference
- TRUSU sponsored seven students to attend the virtual Open Education Conference (November 2020)

15) Other news articles about Open Education at TRU:

- Caldwell, [Jamie]. [“Promoting Learning Through Collaboration.”](#) BCcampus (October 20, 2020)
- Caldwell, [Jamie]. [“A pathway to open for science programs in B.C.”](#) BCcampus (July 7, 2020)
- [“University students can access new education funds”](#) Kamloops This Week (July 23, 2020).

- Kieper, John Luke. "[TRU becomes 1st North American school to offer international credential transfers for open learning students.](#)" *Kamloops Now* (June 9, 2020)
- Kieper, John Luke. "[TRU Librarian awarded for her work in Open Education.](#)" *Kamloops Now* (February 12, 2020)

C. Open Education Projects

While efforts were made to include all OE-related projects by TRU faculty, staff, and administrators, it is likely that others have taken place this year that the OEWG does not know about. Names of TRU faculty, staff, and administrators have been bolded for easy identification. Please note that staff from TRU-OL's Editing Team and the Intellectual Property Office have provided editing, production, and copyright support for many of these projects.

Note: Recipients of TRU's OER Development Grant are denoted with an asterisk (*)

Completed

- **Renée Anderson** (Nursing) released [Clinical Procedures for Safer Patient Care - Thompson Rivers University Edition](#) (2020) (CC BY) open textbook (*adaptation*)*
- **Terryl Atkins** (VISA) and **Marie Bartlett** (Learning Design & Innovation) completed (and continue to do ongoing improvements) to [CAISSIE \(Critical Analysis of Images Site Seeing, Imaging, Examining\)](#) (*OER and OEP; creation*)
- **John Belshaw** (OLFM), Sarah Nickel, and Chelsea Horton released [Histories of Indigenous Peoples and Canada](#) (2020) (CC BY) open textbook (*creation*)
- **John Belshaw** (OLFM) released [Canadian History: Post-Confederation - 2nd Edition](#) (2020) (CC BY) open textbook (*updated creation*)
- **John Belshaw** (OLFM) completed the 2nd edition of [Canadian History: Pre-Confederation](#) (CC BY) open textbook, but it has not yet been released (*updated creation*)
- **Steve Earle** (OLFM) revised TRU-OL courses GEOL 1011 and GEOL 1111 to use with the 2nd edition of the [Physical Geography](#) (2019) (CC BY) open textbook that he wrote
- **Crystal Huscroft** (Geography and Environmental Studies) co-initiated and co-wrote [Lab Manual for Introduction to Physical Geography](#) (2020) (*creation*)
- **Melissa Jakubec** (Learning Design & Innovation) and **Michelle Harrison** (Learning Design & Innovation) released [Teaching without Walls at TRU: A Practical Guide with Tools, Tips, and Techniques](#) (2020) (CC BY-NC-SA) (*adaptation*)

- **Izabella Mazur** (University and Employment Preparation) created *Intermediate Algebra* open textbook (under review and should be released soon) (*adaptation*)
- **Christine Miller** (University and Employment Preparation) and **Danielle Collins** (Intellectual Property Office) released [Intermediate General and Applied Science Course](#) (2020) (CC BY-SA) (*creation*)
- **Christine Miller** (University and Employment Preparation) released [Human Biology: Human Anatomy and Physiology](#) (*adaptation*) *
- **Jamie Noakes** (Career and Experiential Learning) and **Shawn Read** (Career and Experiential Learning) [TRU Career Text](#) (*exact title not known*)
- **Carol Sparkes** (Learning Design & Innovation) and **Carolyn Teare** (Open Learning) released [TRU Accessibility Quick Guide](#) (2020) (CC BY-NC-SA) (*adaptation*)
- **Sally Walters** (OLFM) released her [Psychology – 1st Canadian Edition](#) (2020) (CC BY-NC-SA) open textbook (*adaptation*) *

In Process

- **Tori Anchikoski** (University and Employment Preparation) has almost completed *Introduction to Chemistry 1* (currently in editing) (*adaptation*) *
- **Marie Barlett** (Learning Design & Innovation) and **Michelle Harrison** (Learning Design & Innovation) are participating in an open educational practice initiative under Research and Graduate Studies in which students are collaborating to create content for an undergraduate research web resource: <https://curn.trubox.ca/> (*creation*)
- **John Belshaw** (OLFM) and **Tina Block** (Philosophy History Politics) are collaborating with other historians in BC to create a new open textbook on BC History (*creation*) *
- **Nancy Carson** (Economics) is creating an open textbook for Forest Economics (*creation*) *
- **Tracy Christianson** (Nursing) and **Kim Morris** (Nursing) is creating OER resources for Health Care Assistant Programs in BC (*creation*) *
- **Steve Earle** (OLFM) began working on a new open textbook, *Environmental Geology* in November 2020 (*creation*)
- **Michelle Harrison** (Learning Design & Innovation) is creating an Open Pedagogy publishing platform (*creation*) *
- **Crystal Huscroft** (Geography and Environmental Studies) is working on *Physical Geography* open textbook (*adaptation*) *
- **Izabella Mazur** (University and Employment Preparation) and **Kim Moshenko** (University and Employment Preparation) are creating an open textbook for *Advanced Business/Technical Mathematics* (*creation*) *

- **Christine Miller** (University and Employment Preparation) and **Bart Cummins** (MarCom) are working on *Indigenous People in Education: A Stock Photo Collection Project (creation)* *
- **Jamie Noakes** (Career and Experiential Learning) and **Shawn Read** (Career and Experiential Learning) have created an open textbook for CO-OP 1000; every chapter was written by a current or past CEL department member (currently in editing) (*creation*) *
- **Gloria Ramirez** (Education) has written five chapters for a new open textbook based on *Literature Reviews for Nursing and Education Graduate Students for Research Methods in Education, Paradigms, Approaches, and Designs in Educational Research (adaptation)* *
- **Nicole Schabus** (Law) is creating OER learning resources related to the Truth and Reconciliation Commission (TRC) Calls to Action (*creation*) *
- **Natasha Ramroop Singh** (Biological Sciences) is adapting an OER text for BIOL 2340 – Introduction to Genetics (*adaptation*) *
- **Rochelle Stevenson** (Sociology and Anthropology) is adapting *Introduction to Social Research Methods* open textbook to update research techniques and provide Canadian content (*adaptation*) *
- **Rochelle Stevenson** (Sociology and Anthropology) currently writing a “Feminist Criminology” chapter with two colleagues (Sheri Fabian at SFU and Jennifer Kusz at VIU) for an Introduction to Criminology open text (edited by Shereen Hassan from KPU) (*creation*)
- **Biggi Weischedel** (OLFM) and **Marie Barlett** (Learning Design & Innovation) are working on creating a series of OER case studies for Business and Tourism. One case study (Gift ‘n Gab in Barriere) is completed and in production, one (Moccasin Trails) has just finished editing, one (Quaaout Lodge and Spa) is in media editing, and one (Spapium Farms) is still in process (*creation*) *
- **Jenna Woodrow** (Philosophy History Politics) and **Tim Fitzjohn** (Philosophy History Politics) are adapting OER for Introduction to Ethics and Elementary Formal Logic courses (*adaptations*) *

D. Conference Presentations and Research

While efforts were made to include all OE-related conference presentations and research by TRU faculty, staff, and administrators, it is likely that other OE-related conference presentations have taken place this year that the OEWG does not know about. Names of TRU faculty, staff, and administrators have been bolded for easy identification.

Presentations

- 1) OE Global, planned Taipei, Taiwan (converted to online due to pandemic) (November 2020)
 - Tannis Morgan, Elizabeth Childs, **Irwin DeVries** (Education), **Michelle Harrison** (Learning Design & Innovation), Christina Hendricks: [Developing an Institutional Open Educational Practices \(OEP\) Self-Assessment Tool](#)

- 2) Open Education Conference, planned Denver, CO (converted to online due to pandemic) (November 2020)
 - Michelle Nakano, Steel Wagstaff, **Brenna Clarke Gray** (Learning Design & Innovation), and Adeola Agoke: [It's Alive! Reviving OER with Interactive Content to Create a Living Online Course](#)
 - **Brenda Smith** (University Library): member of the Conference's Program Planning Team

- 3) BCcampus webinars
 - **Brian Lamb** (Director, Learning Technology & Innovation) and Tannis Morgan: [SPLOTS! Creating Simple, Collaborative WordPress Sites for your Teaching](#) - September 2020
 - **Brenna Clarke Gray** (Learning Design & Innovation) (facilitator), Florence Daddey, and Parm Gill: [Adapting to COVID-19: Multimedia \(Audio/Video/H5P\) Help](#) - August 2020
 - **Brenna Clarke Gray** (Learning Design & Innovation) and Ian Linkletter (facilitators): [Adapting to COVID-19: Learning Design Studio Drop-In Session](#) – August 2020
 - Ian Linkletter (facilitator), Mari Pighini, Pan Luo, and **Troy Welch** (Learning Design & Innovation): [Adapting to COVID19: The Technology Toolkit](#) – August 2020
 - **Brenna Clarke Gray** (Learning Design & Innovation) and Ian Linkletter (facilitators): [Adapting to COVID-19: Learning Design Studio Drop-In Session](#) – July 2020
 - **Brenna Clarke Gray** (Learning Design & Innovation) and Ian Linkletter (facilitators): Adapting to COVID-19: In it Together – [Building Community and Enacting Care in Online Environments](#) – July 2020
 - Jennifer Kirkey, **Mark Paetkau** (Physical Sciences), and Derek Turner: [Pivot to Online for STEM Educators](#) – June 2020

- 4) BCcampus Open Education Research Webinar Series (*4-part series*)
- **Michelle Harrison** (Learning Design & Innovation) and **Irwin DeVries** (Education): [Instructional Designers and Open Education Practices](#) - August 2020
 - **Lorri Weaver** (MEd Student): [Discovering Openness in Your Research](#) – July 2020
 - Presentation was based on her thesis research; she successfully defended her thesis in November 2020
- 5) ETUG (Educational Technology Users Group) (online) (November 2020)
- **Matthew Stranach** (Learning Design & Innovation), **Marie Bartlett** (Learning Design & Innovation), and **Nicole Singular** (Open Learning): Designing for Learning Without Walls: Developing a Resources for Students in Unprecedented Times
 - **Brenna Clarke Gray** (Learning Design & Innovation): Distanced, Not Isolated
 - Natalie Frandsen and **Robline (Robbi) Davey** (Indigenous Experiential Learning Coordinator, Career and Experiential Learning): Pedagogy for Inclusion: A Discussion about Impactful Practices for Non-Traditional Learners
- 6) College Chemistry Canada Conference, planned Winnipeg, MB (cancelled due to pandemic) (May 2020)
- **Sharon Brewer** (Chemistry), “Connecting through Chemistry” (invited plenary speaker)
 - i) Focused on the [BC Integrated Laboratory Network \(BC-ILN\)](#), an open practice which provides remote access to analytical instrumentation for teaching purposes, allowing real-time chemical analysis of real samples over the internet. The BC-ILN opens up access not only by allowing students to access equipment so they can participate in inquiry processes, but also by allowing for learners to collaborate across networks
- 7) Canadian Network of Innovation in Education, planned Montreal, PQ (cancelled due to pandemic; presentations accepted for 2020 will be automatically accepted for 2021 event) (May 2020)
- **Marie Bartlett** (Learning Design & Innovation): Creating a Process to Fulfill a Vision of an OER Case Study Focused on Indigenous Business
 - **Marie Bartlett** (Learning Design & Innovation): OERs Are Not Just for Students: Transforming Curriculum Design Through OER Creation

- **Carol Sparkes** (Learning Design & Innovation): Designing an Online Course: Opportunities and Challenges to Innovate Using Gagne’s Nine Events of Instruction
 - **Melissa Jakubec** (Learning Design & Innovation): Histories of Indigenous Peoples and Canada: An Open Textbook Case Study
- 8) Open Education Research Institute, Kwantlen Polytechnic University, Richmond, BC (cancelled due to pandemic) (May 2020)
- **Steve Earle** (OLFM): How Students use OERs and Lessons We Can Apply when Creating OER
- 9) Festival of Learning, planned Vancouver, BC (cancelled due to pandemic) (May 2020)
- **Carolyn Ives** (Centre for Excellence in Learning and Teaching [CELT]), **Catharine Dishke Hondzel** (Director, CELT), **Kara Loy** (Associate Director, CELT), **Brenna Clarke Gray** (Learning Design & Innovation), **Matthew Stranach** (Learning Design & Innovation), **Nina Johnson** (CELT): OERs Are Not Just for Students: Transforming Curriculum Design through OER Creation
 - Melanie Meyers, Krista Lambert, and **Brenda Smith** (University Library): “So You Want to Develop a ZTC?”
 - **Brenna Clarke Gray** (Learning Design & Innovation): H5P Workshop
 - **Brenna Clarke Gray** (Learning Design & Innovation): Ethics in Disrupting Educational Pedagogy
 - **Michelle Harrison** (Learning Design & Innovation), **Ken Monroe** (Learning Design & Innovation), **Jamie Noakes** (Career and Experiential Learning), and **Brenda Smith** (University Library): Sprinting to the Finish Line: Resources for Guiding OER Development
 - **Jamie Drozda** (Open Learning): First Peoples Principles of Learning Resource
- 10) OER20, planned London, UK (converted to online due to pandemic) (April 2020)
- **Brian Lamb** (Director, Learning Technology & Innovation), Anne-Marie Scott, Clint Lalonde, and Grant Potter: Case Studies in Open: Supporting OEP through OSS
- 11) Open Education Week at TRU, Kamloops, BC (March 2020)
- **Joe Dobson** (OER Development Grant Coordinator), **Christine Miller** (University and Employment Preparation), **Dan Thompson** (Accounting & Finance), **Jamie Noakes** (Career and Experiential Learning), **Renée**

Anderson (Nursing), and **John Belshaw** (OLFM): Reflecting on and Showcasing TRU OER Development Projects

- **Michelle Harrison** (Learning Design & Innovation) and **Brenda Smith** (Library): Getting Started with Open Education: The What, Why, and How
- Keynote: Amanda Coolidge (BCcampus), **Tatiana Gilbert** (TRUSU), **Brenda Smith** (Library), and **John Belshaw** (OLFM): Celebrating Growth of Open Education in BC and at TRU
- **Brenna Clarke Gray** (Learning Design & Innovation): More Than Free: How Open Education Supports Learning
- **Brenna Clarke Gray** (Learning Design & Innovation) and **Brian Lamb** (Director, Learning Technology & Innovation): Online Learning and Our Personal Information. Are We the Product?
- Social, Appetizers, and Showcase: Included a showcase of OER and OER-related activities by **Jeff McLaughlin** (Philosophy History Politics), **John Belshaw** (OLFM), **TRU Open Learning**, **TRU OEWG**, and **TRU Library**

12) TRU Teaching Practices Colloquium, Kamloops, BC (February 2020)

- **Jim Hu** (ESAL) and **Lesley Chen** (ESAL): Helping ESL Students with Open Access English Learning Resources
- **Carolyn Ives** (CELT), **Marie Bartlett** (Learning Design & Innovation), **Brenna Clarke Gray** (Learning Design & Innovation), **Catharine Dishke Hondzel** (Director, CELT), **Kara Loy** (CELT), **Matthew Stranach** (Learning Design & Innovation), and **Doug Reid** (Learning Design & Innovation): Transformative Curriculum Design through OER Creation: Reports on a Pilot Project
- **Joe Dobson** (OER Development Grant Coordinator), **Christine Miller** (University and Employment Preparation), **Dan Thompson** (Accounting & Finance), **Jamie Noakes** (Career and Experiential Learning), and **Renée Anderson** (Nursing): Reflecting on and Showcasing TRU OER Development Projects
- **Carol Sparkes** (Learning Design & Innovation) and **Carolyn Teare** (Open Learning): Basic Online Accessibility. (presented their OER)

Research

- 1) **Harrison, Michelle** (Learning Design & Innovation) and **Irwin DeVries** (Education). "Open Educational Practices Advocacy: The Instructional Designer Experience." *Canadian Journal of Learning and Technology*, 45, no. 3 (2019). <https://doi.org/10.21432/cjlt27881>

- 2) **Michelle Harrison** is the current editor for the open access journal, [*The International Journal of eLearning and Distance Education*](#). TRU-OL's Editing Team has been providing editing and production support for the two 2020 issues.
- 3) **Gloria Ramirez** (Education) has completed a survey of MEd students' perspectives on OER for EDUC 5010 Research Methods in Education. A paper reporting on the findings is in progress.
- 4) Childs, Elizabeth, Jo Axe, George Veletsianos, and **Keith Webster** (OLFM). "Fostering Openness within a Higher Education Institution: Tensions, Opportunities and a Work in Progress." In *Open(Ing) Education: Theory and Practice*, edited by Dianne Conrad and Paul Prinsloo, 345-363. Leiden, Netherlands: Brill | Sense, 2020.

E. BCcampus Open Textbook Reviews

- **Dinesh Ramoo** (Psychology) reviewed *Introduction to Psychology (University of Saskatchewan)* - December 2020
- **Christie Fraser** (Education) reviewed Jennifer Walinga and Charles Stangor's *Introduction to Psychology - 1st Canadian Edition* - November 2020
- **Manu Sharma** (Education) reviewed *Creating Online Learning Experiences* – August 2020
- **Tolulope Oluwafemi** (Human Enterprise and Innovation) reviewed *Entrepreneurship and Innovation Toolkit* – July 2020
- **Joyce O'Mahony** (Nursing) reviewed *Research Methods in Psychology – 2nd Canadian Edition* – July 2020
- **Jim Hu** (ESAL) reviewed *Writing in College: From Competence to Excellence* – June 2020
- **Natasha Ramroop Singh** (Biological Sciences) reviewed *Concepts of Biology - 1st Canadian Edition* – June 2020
- **Tracy Christianson** (Nursing) reviewed *Literature Reviews for Education and Nursing Graduate Students* – May 2020
- **Renée Anderson** (Nursing) reviewed *Vital Sign Measurement Across the Lifespan - 1st Canadian Edition* – March 2020

F. BCcampus Download and Use Statistics

Date range included: **13 August 2020 – 13 December 2020**

Total number of books in the collection: **333**

Total number of visits to the site in the last 4 months: **109,518**

Total number of visits to the page 'find-open-textbooks': **32,712**

TRU Author	Title	Web	PDF	Printable	eReader	HTML	Open Document	Kindle	XML	Total
Renée Anderson (Nursing)	Clinical Procedures for Safer Patient Care - Thompson Rivers University Edition	67	92	2	7	18	0	1	5	192
John Belshaw (OLFM)	Canadian History: Post-Confederation	134	99	19	1	2	6	5	1	267
John Belshaw (OLFM)	Canadian History: Post-Confederation - 2nd Edition	76	43	6	4	1	0	4	2	136
John Belshaw (OLFM)	Canadian History: Pre-Confederation	186	150	26	11	4	13	14	4	408
John Belshaw (OLFM)	Histories of Indigenous Peoples and Canada	37	25	3	2	0	2	0	0	69
Steve Earle (OLFM)	Physical Geology - 2nd Edition	661	790	48	40	28	16	16	8	1607
William Little (OLFM) & Ron McGivern (Sociology & Anthropology)	Introduction to Sociology - 2nd Canadian Edition	0	0	0	0	0	0	0	0	0 <i>*new</i>
Jeff McLaughlin (Philosophy History Politics)	The Originals: Classic Readings in Western Philosophy	173	377	8	100	25	31	19	7	740
Mohammad Mahbobi	Introductory Business Statistics with Interactive Spreadsheets - 1st Canadian Edition	40	46	0	2	2	0	0	2	92
Christine Miller	Human Biology:	45	27	0	0	3	0	0	1	76

(University and Employment Preparation)	Human Anatomy and Physiology									
Christine Miller (University and Employment Preparation)	Intermediate General and Applied Science Course	32	95	3	0	0	0	0	0	130
Total		1451	1744	115	167	83	68	59	30	3717

IV. Challenges

1) COVID-19 Pandemic

- The pandemic had a massive effect on OEWG’s activities. Everyone’s attention initially turned to transitioning their primary work activities and dealing with all the stress that that pandemic has caused in our personal and professional lives, so open education was not a focus for many people for quite a while. We cancelled our Winter 2020 semester meeting which had been scheduled for late March. Similarly, many of the events that we planned to attend either by staffing an information booth or by providing short presentations were either cancelled (such as Winter Semester Open House and Welcome Back BBQ) or transitioned into virtual events that did not include us (e.g., Orientations and Fall Semester Open House). However, as the pandemic went along, it also provided opportunities as some faculty began to consider open for the first time or to become more involved in using OE as they transitioned their teaching. We are looking at ways to capitalize on this opportunity

2) Inventory Data Collection

- Due to the challenges faced in 2019 in doing an inventory collection, the Chair and then Vice Chair of the OEWG contacted Institutional Planning and Effectiveness in early Winter 2020 to discuss options to obtain and display data related to the state of OER and ZTC use at TRU because we need complete data that can be obtained regularly and sustainably. This data would be used by the OEWG to know what is happening at TRU, could be used to mark courses in Banner for registration, would identify eligible courses for TRU’s Zero Textbook Cost programs, and to keep BCcampus informed about TRU’s OE progress. We were also seeking to put it into a visual Tableau workbook (or other form of interactive infographic) similar to the one used at [Langara College](#). We were told that IPE would not help us because it was out of scope for their activities.

In Fall 2020, the Open Education Librarian decided to undertake a type of inventory of OER and ZTC courses at TRU to try and obtain a snapshot about what was happening. A lot of data is available from the bookstore, but it is not complete. There were also courses in Banner that are marked ZTC that were identified by Deans sending information to the Registrar's Office. Unfortunately, most of those ZTC courses in Banner are not reflected in the bookstore's data. Similarly, information was obtained from BCcampus where faculty complete an online form to self-identify that they have adopted an open textbook for the semester. Most of the data from BCcampus is neither reflected in the Bookstore nor the Banner information. The OE Librarian is collated this information, and she plans to do it again for the Winter 2021 semester. However, she does require help to be able to share and visualize the data in a meaningful way (See *Section B.3 for details of inventory*)

- 3) Connecting with faculty to promote OE at TRU
 - While the OE, faculty, and staff listservs and efforts by CELT, the University Library, and Open Learning have all actively sought to promote OE at TRU, we continue to have challenges connecting with faculty. It is likely that other OE activities are happening that we do not know about. These challenges may have been exacerbated by the pandemic, and we will continue to search for partners in each Faculty, School, and Division. Hopefully, as the OEWG matures and becomes better known on campus, we will have a clearer picture

- 4) Potential Impact of VitalSource Inclusive Access Automatic Billing
 - Faculty who have become aware of VitalSource Inclusive Access Automatic Billing have approached members of the OEWG for information about these types of services and expressed concerns about how they can negatively impact the general culture of open education at an institution. For example, while open textbooks can be included in inclusive access automatic billing services, students may perceive that they are being charged for OER and faculty may decide not to use OER in their teaching because they could just choose existing traditionally published resources through VitalSource.

V. Recommendations

- 1) *Leadership*: Given the pandemic's financial impact, we recognize the difficulty this recommendation may present, but we continue to operate the OEWG off the side of our desks when we have time. Which means it is not as consistent as we would like it to be. This model is not sustainable in the long term. Perhaps having someone cross-campus in a senior leadership role to support and advocate for OE, similar to what Rajiv Jhangiani does at Kwantlen Polytechnic University is a model that should be considered
- 2) *Funding*: At this point, there are no dedicated funds to support OE. Which means that finding funds for things like banners, brochures, etc. is difficult. Similarly, if someone from BCcampus comes to visit, there are no funds to support that. It also makes it difficult for interested OLFMs to participate in the OEWG
- 3) *Data*: We continue to seek a method to obtain current data in a sustainable way to identify open education activities at TRU. Perhaps the Provost's Office could recommend some ways that we could obtain the support we need to collect and visualize data consistently in a timely and sustainable manner

VI. Next Steps

- 1) Develop a presentation for consistency and present at all the faculty councils with an OE champion from that faculty
 - A presentation is already booked for Science Faculty Council in January 2021. We will be contacting the other Faculty Council Chairs to set up presentation dates
- 2) Continue to seek ways to be visible at campus events, either those that are virtual and, when it becomes possible and appropriate, those that are in person
- 3) Develop a survey to gain further insight into how to grow open education's scope of influence on campus (*carryover from 2019; not pursued due to pandemic*)
- 4) Continue to build the OEWG website and promote the site
- 5) Continue to identify and promote OE initiatives at TRU