



# Open Education Yearly Update 2021

Completed December 2021

Submitted by OE Working Group  
Ken Monroe (Chair)  
Brenna Clarke Gray (Vice Chair)

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# I. Report Summary

The Open Education Yearly Update 2021 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. While the return to campus did enable some face-to-face activities, most of the work of the OEWG continued to be conducted virtually. Regardless of the modality, TRU continues to be very active in OE.

OEWG activities fit a certain rhythm: the working group elects a new vice chair, holds two OEWG meetings, promotes the OER Development Grants, collaborates with TRUSU to plan Open Education Week activities in March, works with the TRU Library to plan events for Open Access Week in October and to on the TRUspace collection for OER, and actively seeks opportunities to promote OE at TRU. In addition, this year the OEWG coordinated the launch of the UN SDG Faculty Fellowship and four Communities of Practice in OE areas.

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 global recognition of contribution to the OE space; workshops on getting started with OER, Pressbooks, and Creative Commons; two rounds of funding for the OER Development Grants; and Communities of Practice sessions and the development of new networks internally and externally that will add to the OE experience for faculty and students.

TRU staff, faculty, and administrators continued to present on OE topics at conferences with dissemination at international, national, provincial and TRU venues. TRU faculty also contributed to knowledge creation via the publication of research findings.

The latest statistics of downloads OER from the BCcampus website shows that OER developed by TRU faculty were downloaded over 6800 times between August 18 and December 19, 2021. In fact, it is very apparent that in some cases the OER are widely used as the number of downloads exceeds the number of TRU students. In this way it can be clearly seen that TRU's contribution to the province through its OER development is substantial and relevant beyond TRU. Of particular note, see the statistics of OER created by Belshaw, Little and McLaughlin.

While there were many successes related to OE at TRU in 2021, there are some significant challenges. The departure of the Provost, who was a strong supporter of OE initiatives, jeopardizes all the progress that has been made to date because funding is required to support these activities and currently there is no money budgeted in 2021/22 to do so. All activities in this academic year have been funded out of “found” money, which makes planning precarious both for OEWG and other stakeholders and for the individual faculty and service units who wish to undertake this work. As a result, the OEWG invested significant energy in lobbying senior TRU leadership and meeting with faculty to ensure this issue is acknowledged within the Integrated Strategic Planning process, as well as working to keep the issue top-of-mind for those involved in the ongoing Provost search. We have also worked with CELT to develop a request for permanent, dedicated funding through their unit; this new request includes concrete and ongoing support for student involvement in OE projects.

## 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 in Fall and Winter, or as requested.

# III. Accomplishments for 2021

## A. Working Group Accomplishments

- 1) Launch of OEWG website
  - The OEWG website (<https://oewg.trubox.ca/>) was improve the communication and to highlight OEWG activities and projects, and to provide information about upcoming conferences, events, and research in the field. The site provides a one stop place for people to find information about all the different OE projects as well as access meeting notes. The next phase of the communication improvements under consideration is creating a Teams/Sharepoint site.
  
- 2) Elected a New Vice Chair for OEWG
  - In spring 2021, **Dr. Brenna Clarke Gray** (Coordinator, Educational Technologies, Learning Design and Innovation) was elected Vice Chair of the group. As per standard succession practice, she will take over the role as OEWG Chair in June 2022.
  
- 3) Held two OEWG meetings
  - March 2021: 21 people attended
  - November 2021: 25 people attended, with representative from BCcampus, who noted the sector-leading role of TRU in developing OE in the province.
  
- 4) Promoted OER Development Grants
  - Made efforts to promote OER Development Grants via email, newsletters, informal chats with faculty, and webinars. The popularity of this project with faculty continues to grow as demonstrated by the increasing number of proposals being received.
  
- 5) Strengthening the network: the OER Grant Coordinator, OER Development Grant Committee and TRUSU
  - The Chair, Vice-Chair, and other members of the OEWG have met with the OER Development Grant Coordinator, **Christine Miller**. Christine is well positioned to distribute and collect information from various areas of the institution as she works directly with faculty and has access to current information regarding supports and projects. The Chair and Vice Chair also met with the OER Development Grants committee to strategize how best to secure the continued support of the OE program at TRU given some of the short term challenges that exist. Finally, the Chair and Vice-Chair reestablished direct communication with **TRUSU** regarding the issue

of OE development. This renewed commitment to work together will strengthen the work at TRU by including students more directly.

- 6) UN Sustainable Development Goal (SDG) Open Pedagogy Faculty Fellows
  - The OEWG responded to a call for proposal to join an international collaboration designed to use open pedagogy principles to address a sustainable development goal locally. The proposal was selected. **Brenda Smith, Michelle Harrison** and **Ken Monroe** joined the Leadership Team of this group that includes 4 US based Community Colleges and 3 Canadian Universities. Six TRU faculty were selected for participation based on written submissions: **Steve Earle**, OL Geology; **Sharon Brewer**, Chemistry; **Bala Nikku**, Social Work; **Dawne Bringeland**, OL Business; **Erin Woodford**, Journalism and **Kim Naqvi**, Geography. The objective of the fellowship is to have interdisciplinary pairs of faculty create three renewable assignments to address one specific SDG in their community. The assignments are delivered to students during the semester. The process of participation for fellows started in July 2021 and completes in February 2022 with a Showcase of student activities.
  - The UN SDG fellowship will be an on-going opportunity for TRU faculty and is attractive to faculty from across the institution as it enables international partnering with faculty and dissemination of scholarly activities. It also generates high-quality assignments for students and gives them the opportunity to showcase their own OE work.
  
- 7) Worked with TRU Library for Open Access Week Events
  - Collaborated with **Erin May** at the TRU Library to hold five online sessions about OER as part of the TRU Library's Open Access Week events in October 2021.
  
- 8) Establishment of a TRUspace Collection for OER at TRU
  - **Erin May** (who maintains the TRUspace institutional repository at the TRU Library) finalized 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](#). It is available at: <https://tru.arcabc.ca/islandora/object/tru%3Aoer>
  
- 9) Establishing of Communities of Practice in areas of OE
  - **Brenda Smith** and **Ken Monroe** made a presentations to three faculty councils (Science, Arts, Trades) and presented OE Atom where Open

Education as the nucleus, has four electrons circulating: Open Pedagogy, Open Publishing, Open Research and Open Educational Resources. The purpose of the presentations was to move beyond OER as the only way to participate in OE when in fact there are numerous ways. The result of the presentations was also the implementation of Communities of Practice in each of the “electron” areas. Each CoP was assigned a coordinator who subsequently developed a program to engage with faculty and build a network of likeminded people on campus.

- The CoP leaders are: Open Publishing – **Brenda Smith**; Open Research – **Verena Roberts**; Open Pedagogy – **Brenna Clarke Gray**; Open Educational Resources – **Christine Miller** and **Marie Bartlett**. Each area has met at least once and some on numerous occasions. It is noted that the CoP’s have facilitated new connections between faculty, and departments within the institution, which is exactly the purpose of the OEWG.

## 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 Global Recognition Awards. At the OE Global conference this year the Open ETC was recognized for [an Open Infrastructure Award](#). This is a collective of BC people with **Brian Lamb** and **Troy Welch** being instrumental in its development and maintenance. Also, there were some TRU participants in the 25 Years of EdTech podcast project, which won [the Open Reuse/Remix/Adaptation Award](#). **Verena Roberts** was a partner in the OEGlobal award for [Open Innovation for the picture book project](#).
- 2) BCcampus Recognition. Award of Excellence in Open Education presented to **Isabela Mazur** (April) and **Christine Miller** (July).
- 3) OE Workshops and Sessions. **Christine Miller** (OER Development Grant Coordinator) held numerous sessions over the course of the year for grant recipients and other faculty interested in the learning about OER development tools. The Learning Design and Innovation Team continues to run well-attended workshops for campus faculty on using open tools like Wordpress, Pressbooks, H5P, and Twine.

#### 4) OER Development Grants

Two rounds of funding were held for the OER Development Grant. [Ten projects were selected in total representing a variety of disciplines and levels.](#) The program received more submissions than it could support which demonstrates not only the interest but the need to continue. Currently there are no additional funds allocated to support the grants project, although CELT has submitted a proposal for institutional funding.

#### 5) Inventory of OER and ZTC Courses at TRU

**Brenda Smith** (Library) continued the inventory of TRU campus courses at both Williams Lake and Kamloops to identify which courses have zero textbook cost (ZTC) and/or use OER. She compiled data from the Bookstore and Banner. The results are:

- Total course sections identified as ZTC: 435
- Total courses with known OER use: 91
- Total courses identified by Banner: 127 (29% of total courses)
- Total courses identified by Bookstore: 378 (86% of total courses)
- Courses identified by both the Bookstore and Banner: 69 (15%)
- Courses only identified by Banner: 36 (13%)
- 10,391 students were registered in the 435 courses
- 244 faculty were engaged in ZTC and/or OER

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

#### 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 individual grants



- **Marie Bartlett** – developing OER for the delivery of [Psychology of Language](#) supporting Dinesh Ramoo.
  - **Biggi Wieschedel** - H5P development grant
- 8) BCcampus grant to develop ZTC pathway for Associate of Science  
Work on this project continues. All courses mapped are now started in one form or another and the project is on track to be completed for the 2021–2022 academic year. Three new courses will be developed MATH 2121, STAT 1201 and BIOL 2131. The Biology department has expressed interest in having BIOL 2161 delivered in an online format and ENGL 1111 will be positioned for inclusion into the process as well.

## 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 (\*)

### *In Process*

- **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*)
- **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)* \*

- **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)* \*
- **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. Two case studies (Gift ‘n Gab in Barriere) are completed and two others are in production (Moccasin Trails), one (Quaaout Lodge and Spa) and one (Spapium Farms) (*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*) \*
- **Sally Walters** (OLFM Arts) is creating an OER for implementation in PSYC 2121\*
- **Sharon Brewer** and **Lindsay Blackstock** (Chemistry) are creating supplementary learning resources to assist in students studying. This innovative project demonstrates how TRU is contributing to resources beyond the classroom\*
- **Kellee Caton** (Arts) is creating an international network of translating and sharing seminal works in tourism studies.\*
- **Bala Nikku** (Social Work) is developing an OER for SOCW 4800 International Social Work with the idea that the content will have relevance for students beyond Canada as well.\*
- **Melanie Reed** (SoBE) is creating a curated resource of labour relations cases that will have usage beyond TRU.\*
- **Yan Yan** (Computing Science) is creating integrated course materials for bioinformatics and biological data analysis.\*
- **Brenna Clarke Gray** (Learning Design and Innovation) is co-investigator on a SSHRC-funded initiative to establish an open process for peer-reviewed podcasting in Canada.

## D. Conference Presentations and Publications

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. Where multiples external contributors are referenced, the TRU faculty is bolded for convenient identification.

None-the-less, the information below demonstrates the very active nature of TRU faculty in the dissemination of scholarly OE activities.

### International dissemination

Cederlof, Christina, et al. (April 2021) *H5P Hackathon for WHMIS 2015*: Cascadia Open Education Summit. <https://cascadia.bccampus.ca/schedule/>

Childs, E., Morgan, T., Hendricks, C., **Harrison, M.**, & Devries, I. (April 2021). Exploring the possibilities for an institutional OEP self-assessment tool to shift OER from grassroots to institution wide. OERDomainsX  
<https://oerxdomains21.org/day1.html>

Gray, B. C. (October 2021). "Saying No to Surveillance: A Gentler Approach." OpenEd21 (online).

Gray, B. C. (September 2021). "Developing Writers: Using H5P to Support Composition Practice." OE Global 2021 (online).

**Harrison, M.**, Childs, E., Hendricks, C., Devries, I., & Morgan, T. (May 2021). Moving Open Education Practices from Grassroots to Institution-wide: Perspectives from Four BC Higher Education Institutions (Panel). 2021 Cascadia Open Education Summit. <https://cascadia.bccampus.ca/schedule/>

Lambert, K., Meyers, M., **Smith, B.**, and Daddey, F. (April 2021). So You Want to Build a Zero Textbook Program, Cascadia Open Education Summit online presentation.

Miller, C., Dishke Hondzel, C., Gaynor, K., and Smith, B. (April 2021). From Seeds to Harvest: Local Care Leads to Global Impact, Cascadia Open Education Summit online presentation.

Monroe, K., Smith, B., Dishke Hondzel, C., and Miller, C. (October 2021). Embracing Open for All: Initiatives in Support of Kw'seltktnéws. Open Education 2021 Conference online presentation.

Morgan, T., Childs, E., Devries, I., Hendricks, C., & **Harrison, M.** (2020). Developing an Institutional Open Educational Practices (OEP) Self-Assessment tool. Workshop. OE Global Connect (Online). Taipei Medical University. <https://connect.oeglobal.org/t/developing-an-institutional-open-educational-practices-oep-self-assessment-tool/476>

Nerantzi, C., Pulker, H., Corti, P., **Roberts, V.**, Bentley, P., Fransman, G., Mathers, B. & Frank, O. (2021). *The Joys of Open Collaboration, Stories from the #GO-GN Picture Book Team*. OERxDomains Conference, Association for Learning Technology. Retrieved from <https://bit.ly/2Rv20VB>

**Roberts, V.** & DeWaard, H. (April 2021). Intentional Open Learning Design in Action. OERxDomains Conference, Association for Learning Technology. Retrieved from: <https://bit.ly/3nWzJmF>

**Roberts, V.** & DeWaard, H. (June 2021). HeFI (University of Birmingham) June Reading Group – Author/Guest to discuss article: Revisioning the potential of Freire’s principles of assessment: Influences on the art of assessment in open and online learning through blogging.

Stranach, M., Cederlof C. and Prins, H. (June 2021). *Escaping the Ordinary: Creating a Virtual Symposium on Digital Citizenship for Using Universal Design for Learning (UDL) for Post-Secondary Students and Educators in British Columbia, Canada* [digital poster]. European Distance and E-Learning Network (EDEN) Annual Conference: Video  
URL: [https://media.tru.ca/media/EDEN+2021A+TRU+%26+BCcampus/0\\_jue2xq3g](https://media.tru.ca/media/EDEN+2021A+TRU+%26+BCcampus/0_jue2xq3g)

## **National dissemination**

Bartlett, M. (April 2021). OERs are not just for students: Transforming curriculum design through OER creation [Conference session]. CNIE-RCIÉ 2021 Online Conference, Montreal, QC, Canada. [https://e.cnie-rcie.ca/wp-content/uploads/sites/12/2021/04/2021\\_CNIE\\_ProgAllDays\\_20210418.pdf](https://e.cnie-rcie.ca/wp-content/uploads/sites/12/2021/04/2021_CNIE_ProgAllDays_20210418.pdf)

Bartlett, M., Frudd, J., & Sandhoff, T. (April 2021). *Creating a process to fulfill a vision of an OER case study focused on Indigenous business* [Conference session]. CNIE-RCIÉ 2021 Online Conference, Montreal, QC, Canada. [https://e.cnie-rcie.ca/wp-content/uploads/sites/12/2021/04/2021\\_CNIE\\_ProgAllDays\\_20210418.pdf](https://e.cnie-rcie.ca/wp-content/uploads/sites/12/2021/04/2021_CNIE_ProgAllDays_20210418.pdf)

Brown, B., **Roberts, V.**, Jacobsen, M., Hurrell, C., Neutzling, N., & Travers-Hayward, M. (February 2021). *Leading and learning in a digital age: Open educational resource (OER) design and research*. Invited keynote. Connecting Research to Practice 2021, Werklund School of Education, University of Calgary, AB, Canada

- Gray, B. C. (June 2021). "The Digital Detox: One Strategy for Establishing a More Ethical Relationship to Educational Technologies on Campus." Society for Teaching and Learning in Higher Education. Annual Conference (online).
- Gray, B. C. (June 2021). "Without a Net: Pursuing Tenure in the Open." Congress 2021. Open/Technology in Education, Society, and Scholarship Association. University of Alberta (online).
- Gray, B. C. (June 2021). "How Can We Help?: The Educational Technologist as Accessibility Activist." Congress 2021. Canadian Society for Studies in Higher Education. University of Alberta (online).
- Gray, B. C.**, & Colin Madland. (June 2021). "Resisting Surveillance Technology." Congress 2021. Open/Technology in Education, Society, and Scholarship Association. University of Alberta (online).
- Harrison, M.**, & Devries, I., Morgan, T., Paskevicius, M. (June 2021). Developing an "Un textbook" to address open and critical learning design practice. Congress 2021, OTESSA inaugural conference, Northern Relations: Connecting Open/Technology, Education, Society, and Scholarship. <https://otessa.org/2021/abstracts/developing-an-un-textbook-to-address-open-and-critical-learning-design-practice/>
- Harrison, M. (June 2021). Student perceptions of openness. A roundtable. Congress 2021, OTESSA inaugural conference, Intersections: Connecting Open/Technology, Education, Society, and Scholarship. <https://otessa.org/2021/abstracts/students-perceptions-of-openness/>
- Harrison, M., Medicine Hat College's Open Education Week panel. (Oct. 2021). Open Educational Resources (OER): Removing Barriers & Driving Adoption. (Invited). <https://web.microsoftstream.com/video/565db8d1-4221-4734-beb0-eeb794108184>
- Ives, C., Bartlett, M., Gray, B.C. , Dishke Hondzel, C., & Stranach M. (June 2021). *Transformative curriculum design through OER creation*. [Conference session]. STLHE 2021 Online Conference. <https://www.stlhe.ca/video-presentations/>

## Provincial dissemination

Cederlof C. & Stranach M. (November 2021). *Taking ESTR Career Exploration Online: Studio20 Asynchronous presentation*. Session video: [https://media.tru.ca/media/ESTR+Career+Studio20/0\\_9ir1iu7h](https://media.tru.ca/media/ESTR+Career+Studio20/0_9ir1iu7h)

Gray, B. C. (May 2021). "Post-Pandemic Pedagogies: Reclaiming the Lost Year." Educational Technology Users Group, Spring Conference (online).

**Harrison, M.**, & Devries, I. (August 2021). Instructional Designers and Open Education Practices. *BCcampus Open Education Research Webinar series*. (Invited). Retrieved from <https://bccampus.ca/event/instructional-designers-and-open-education-practices/>

Paskevicius, M, **Harrison, M.**, Morgan, T, DeVries I., & Woodward, T. (May 2021). Expanding the Role of the Textbook to support Open Pedagogy. <https://etug.ca/2021/05/07/spring-workshop-2021-provisional-schedule/#fri>

Stranach, M., Bartlett M. & Singular, N. (November 2021). *Designing for Learning Without Walls: Developing a Resources for Students in Unprecedented Times*. ETUG Fall Workshop.

Stranach, M., Cederlof, C, & Prins, H. (May 2021). *A Space for Everyone – UDL and Gamified Learning Using Zoom, WordPress, and H5P*: ETUG Spring Workshop. Session recording and materials: <https://etug.ca/2021/05/25/spring-workshop-2021-a-space-for-everyone-udl-and-gamified-learning-using-zoom-wordpress-and-h5p/>

## TRU dissemination

Cederlof, C., Ives, C., Svendsen, M. & Stranach, M. (February 2021). *It Takes a Village: Building Faculty Connections to Support Student Learning in the Education and Skills Training (ESTR) Program During COVID-19*. TRU Teaching Practices Colloquium.: <https://digitalcommons.library.tru.ca/tpc/2021/program/21/>

Cederlof, C., et al. (May 2021). *It Takes A Village Pt. 2: How Faculty Connections Support Student Learning in the Education and Skills Training (ESTR) Program During and After A Pandemic*. CELTalk. Session recording: <https://vimeo.com/558270078> Jakubec M., Harrison M., Bartlett, M. & Stranach, M. (February 2021). *Teaching and Learning Without Walls: Putting Learners at the Centre in Unprecedented Times*. TRU Teaching Practices Colloquium.: <https://digitalcommons.library.tru.ca/tpc/2021/program/11/>

Jakubec, M., Harrison, M., Bartlett, M., and C. Sparkes. (February 2021). Learning Design Framework: A Foundation for Practice presented at Teaching and Learning

without Walls, 17th Annual Teaching Practices Colloquium. Thompson Rivers University, Kamloops, BC. Virtual.

Miller C., Tucker T., Anchikoski T., Villeneuve E., Nikku B., Weischedel B., & Bartlett M. (March 2021). OER: More than Open Textbooks Showcase [Presentation]. Open Education Week. TRU, Kamloops, BC, Canada.

Smith, B., and Monroe, K. (October 2021). Getting Started: Finding, Using, and Adapting Open Resources, TRU Library Open Access Week webinar

Smith, B., and Harrison, M. (March 2021). Z is for Zero: ZTC Pathways at TRU, TRU Open Education Week webinar

Smith, B., and Monroe, K. (March 2021). Getting Started: Finding, Using, and Adapting Open Resources, TRU Open Education Week webinar

Brenda Smith presented two general “Getting Started with OER” webinars for TRU Faculty in early January 2021 and one “Open for Business: Open Educational Resources” webinar for TRU School of Business Snack n’ Learn in March 2021 . She also held 29 library consultations with faculty and students about OER-related topics between July 1, 2020 and June 30, 2021.

## Publications

Brown, B., **Roberts, V.**, Jacobsen, M., Hurrell, C., Neutzling, N. & , Travers-Hayward, M. (In review). Open Education Co-Design as a Participatory Pedagogy in an online Graduate class. Open/Technology in Education, Society, and Scholarship Association (OTESSA) Journal. <https://otessa.journals.uvic.ca/index.php/otessajournal>

DeWaard, H., & **Roberts, V.** (2021). Revisioning the potential of Freire’s principles of assessment: Influences on the art of assessment in open and online learning through blogging. *Distance Education*. <https://doi.org/10.1080/01587919.2021.1910494>

**Harrison, M.**, Paskevicius, M., Devries, I., & Morgan, T. (2021). Crowdsourcing the (un)textbook: Rethinking and future thinking the role of the textbook in open pedagogy. *Submitted to Open Praxis (under review)*

Havemann, L. & **Roberts, V.** (in review). Pivoting open? Pandemic pedagogy and the search for openness in the viral learning environment. *Journal of Interactive Media in Education*. Special Edition. Global Open Graduate Network.

Jacobsen, M., Alharbi, H., Taylor, L., Bairstow, L., & **Roberts, V.** (in publication). *The Design and Evaluation of Online Faculty Development for Effective Graduate Supervision*. Open/Technology in Education, Society, and Scholarship Association (OTESSA) Journal. <https://otessa.journals.uvic.ca/index.php/otessajournal>

Morgan, T., Devries, I., Hendricks, C., Childs, E., Jhangiani, R., & **Harrison, M.** (2021). Institutional OEP initiatives, How are the do-ers doing it? Submitted to the International Review of Research in Open and Distributed Learning, December 2020.

**Roberts, V.** & Jacobsen, M. (in review) Fertile Ground.: Open Learning in K-12 Learning Contexts. Open/Technology in Education, Society, and Scholarship Association (OTESSA) Journal. <https://otessa.journals.uvic.ca/index.php/otessajournal>

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 2021 issues.

Brenda Smith was interviewed by CAUT for a feature article in the CAUT Bulletin about open access and open educational resources, and how the pandemic and remote learning have impacted the debate around these and related issues, including academic freedom (The pandemic spotlight on Open Educational Resources and Open Access)

## E. BCcampus Download and Use Statistics

Date range included: **18 August 2021 – 19 December 2021**

Total number of books in the collection: **388**

Total number of visits to the site in the last 4 months: **88,837**

Total number of visits to the page 'find-open-textbooks': **25,593**

TRU Author	Title	Web	PDF	Printable	eReader	HTML	Open Document	Kindle	XML	Total
Renée Anderson (Nursing)	<a href="#">Clinical Procedures for Safer Patient Care - Thompson Rivers University Edition</a>	42	60	1	5	3	0	0	2	<b>113</b>
John Belshaw (OLFM)	<a href="#">Canadian History: Pre Confederation 2<sup>nd</sup></a>	36	60	9	41	4	52	41	3	<b>246</b>



John Belshaw (OLFM)	<a href="#">Canadian History: PostConfederation - 2nd Edition</a>	88	109	16	12	6	0	4	6	<b>241</b>
John Belshaw (OLFM)	<a href="#">Canadian History: PreConfederation</a>	374	221	9	41	4	52	41	4	<b>746</b>
John Belshaw (OLFM)	<a href="#">Histories of Indigenous Peoples and Canada</a>	61	185	4	13	3	4	0	0	<b>270</b>
Steve Earle (OLFM)	<a href="#">Physical Geology - 2nd Edition</a>	470	527	32	26	28	0	18	14	<b>1115</b>
William Little (OLFM) & Ron McGivern (Sociology & Anthropology)	<a href="#">Introduction to Sociology - 2nd Canadian Edition</a>	997	1640	29	101	39	0	48	25	<b>2879</b>
Jeff McLaughlin (Philosophy History Politics)	<a href="#">The Originals: Classic Readings in Western Philosophy</a>	171	409	5	153	9	11	2	1	<b>761</b>
Mohammad Mahbobi (SoBE)	<a href="#">Introductory Business Statistics with Interactive Spreadsheets - 1st Canadian Edition</a>	40	46	0	2	2	0	0	2	<b>92</b>
Christine Miller	<a href="#">Human Biology:</a>	45	27	0	0	3	0	0	1	<b>76</b>
Christine Miller (University and Employment Preparation)	<a href="#">Human Anatomy and Physiology</a>	78	129	6	0	1	0	5	0	219
Christine Miller (University and Employment Preparation)	<a href="#">Intermediate General and Applied Science Course</a>	27	87	1	0	0	0	0	0	<b>115</b>
<b>Total</b>		<b>2429</b>	<b>3500</b>	<b>112</b>	<b>394</b>	<b>102</b>	<b>119</b>	159	<b>58</b>	<b>6873</b>

## IV. Challenges

### 1) **Uncertainty**

As mentioned earlier, the departure of the Provost, who was a strong advocate of OE, in addition to the expiration of funding for the development grants program, has the OE community at TRU concerned that the years and years of effort may be halted despite the evidence of success. The OEWG has engaged directly with the President, Acting Provost, and faculty to raise the issue of open education and funding open education at every opportunity provided. TRU's record on OE is unmatched in the province, but this work cannot continue without material support. Dedicated, ongoing support that the OEWG can count on is critical for growth. We know that there are more very interesting opportunities ahead that will enhance OE initiatives at TRU, and we hope for the stability and confidence in funding structures to be able to bring them into the fold.

### 2) **Inventory Data Collection**

Starting in Fall 2020 and again in Winter 2021, 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. However, she does require help to be able to share and visualize the data in a meaningful way.

### 3) **Connecting with faculty to promote OE at TRU**

Through the OE, faculty, and staff listservs and distribution efforts by CELT, the University Library, and Open Learning, OEWG actively seeks to promote OE at TRU. We must note, however, that we continue to have challenges connecting with faculty. It is likely that other OE activities are happening across campus that we do not yet know about. These challenges may have been exacerbated by the solitary working conditions of the pandemic, and with our return to campus we will continue to welcome new partners in each Faculty, School, and Division. As the OEWG matures and becomes better known on campus, we are confident that a clearer picture will emerge.

## V. Recommendations

- 1) *Leadership*: The addition of the UN SDG Fellowship and potential of the CoPs to engage with faculty on the range of activities conducted by the OEWG has led to the idea that more can be done to support OE work at TRU. There are some clear next steps in some of these initiatives, such as: joining the Sustainable Development Solutions Network, the implementation of a library of open texts (Libre Text) on campus for faculty to adapt or adopt, and more. It is increasingly clear that there is a need to coordinate/promote/implement all these activities through an integrated **Office of Open**. This is a structure that has emerged at a number of institutions across BC and beyond, and offers administrative support and consistent funding for the critical work of OE within the institution.
- 2) *Data*: We continue to seek a method to obtain current data on usage of OER and other OE activities on campus in a sustainable way. 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) Continue outreach to all the faculty councils with an OE champion from that faculty to talk about OE opportunities and activities in disciplinary areas.
- 2) Continue to develop the Communities of Practice to engage faculty in a variety of OE activities and to share the work of those CoPs going forward.
- 3) Promote the UN SDG Fellowship program and lead development of an application to the Sustainable Development Solutions Network, if faculty and other stakeholders support joining.
- 4) Lobby to formalize institutional support of OE initiatives for inclusion in the Strategic Plan and budget for 2021/2023 and beyond.
- 5) Initiate a discussion about the establishment of an Office of Open with various stakeholders.
- 6) Otherwise promote, encourage, document and share information about OE with our TRU community and beyond.