

Information Directory

Information Directory

Blogs and Opinions, Books and Videos, News, Research and Reports -
English Language Edition

Edited by Lauri Aesoph

BCCAMPUS
VICTORIA, B.C., CANADA



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Accessibility Statement

BCcampus Open Education believes that education must be available to everyone which means supporting the creation of free, open, and accessible educational resources. We are actively committed to increasing the accessibility and usability of the textbooks and guides we produce.

Accessibility features of the web version of this resource

The web version of the [Information Directory](#) has been designed with accessibility in mind by incorporating the following features:

- All content can be navigated using a keyboard
- It has been optimized for people who use screen-reader technology.
 - links and headings are formatted to work with screen readers
 - images have alt tags or are described in surrounding text
- Information is not conveyed by colour alone.
- There is an option to increase font size (see tab on top right of screen)

Other file formats available

In addition to the web version, additional files are available in a number of file formats including PDF, EPUB (for eReaders), MOBI (for Kindles), upon request made to [BCcampus Support](#).

Known accessibility issues and areas for improvement

While we strive to ensure that this resource is as accessible and usable as possible, we might not always get it right. Any issues we identify will be listed below.

While there are currently no known accessibility issues in this guide, we do link to external resources throughout this guide; and we cannot guarantee that the resources we are linking to conform to accessibility guidelines.

Accessibility standards

The web version of this resource has been designed to meet [Web Content Accessibility Guidelines 2.0](#), level AA. In addition, it follows all guidelines in [Appendix A: Checklist for Accessibility](#).

Let us know if you are having problems accessing this guide

We are always looking for ways to make our resources more accessible. If you have problems accessing this resource, please contact us to let us know so we can fix the issue.

Please include the following information:

- The location of the problem by providing a web address or page description
- A description of the problem
- The computer, software, browser, and any assistive technology you are using that can help us diagnose and solve your issue
 - e.g., Windows 10, Google Chrome (Version 65.0.3325.181), NVDA screen reader

You can contact us one of the following ways:

- Web form: [BCcampus OpenEd Help](#)
- Please fill out the [Report an Error](#) form.

This statement was last updated on February 5, 2021.

About BCcampus Open Education

This is one of many support resources from BCcampus Open Education.
Also see the [OER by Discipline Directory](#) and [Post-Secondary Directory](#).

Welcome to the BCcampus Open Education *Information Directory*. This resource provides information pertinent to the open education community. Categories include blogs and opinions, books, news, and research and reports, organized by English-speaking geographical regions around the globe. Additional resources, tools, and frameworks are listed in the appendix.

This is an **ongoing resource** to which information will be updated as needed. Each chapter includes a “Last update” posted at the top of the page and, because it is changed frequently, ISBNs are not provided for this guide in accordance with the [ISBNs’ User Manual](#).

[BCcampus Open Education](#) began in 2012 as the B.C. Open Textbook Project with the goal of making post-secondary education in British Columbia more accessible by reducing students’ costs through the use of open textbooks and other OER. [BCcampus](#) supports the post-secondary institutions of British Columbia as they adapt and evolve their teaching and learning practices to enable powerful learning opportunities for the students of B.C. BCcampus Open Education is funded by the [British Columbia Ministry of Post-Secondary Education and Future Skills](#), and the [Hewlett Foundation](#).

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For more information about open education in British Columbia, please visit the [BCcampus Open Education](#) website.

Introduction

This directory was created to fulfill the need for Canadian-based information, specifically British Columbia, related to open education. However, the *Information Directory* also includes content from other English-speaking countries with chapters for the United States, the remaining countries in the Northern Hemisphere, and the Southern Hemisphere.

The information is provided in four different categories or sections, by region: Blogs and Opinions, Books, News, and Research and Reports. In addition, information related to each of these categories that benefits all regions and/or doesn't target a specific geographic area, can be found with the body of the pertinent section. For example, on the [Blogs and Opinions](#) section page, you will find a list of blogging sites by regions. The [Research and Reports](#) page provides resources that might be useful to open education research around the globe.

On each regional page (Canada, United States, Northern Hemisphere, Southern Hemisphere), blogs, news, and research are grouped by topic. (This not been done for books.) To make searching easier, a standardized list of topic titles, related to open education, has been established. Except when needed for clarity, open education and related terms have not been added to these titles because it is understood that the information listed concerns open education.

These are the subject areas covered. When appropriate, an item may be placed in more than one category. To search the entire directory, use the search field located in the top-right corner of each web page.

- Access
- Access codes/assessment platforms
- Accessibility
- Adoption
- Advocacy
- Adult Basic Education (ABE)
- Booksellers/bookstores
- Canada OER group
- Citation
- Collaboration
- Conferences
- Copyright
- Courses
- Creative Commons/Creative Commons licences

- Debt
- Discoverability
- Efficacy and student outcomes
- Equity, diversity, inclusion (EDI)
- Funding
- General
- Homework systems
- Inclusive Access (IA)
- Information technology (IT)
- Instructional designers (ID)
- Journals
- Legislation
- Libraries/librarians
- Licences and subscriptions
- Monographs
- Open educational practices (OEP)/pedagogy
- Open educational resources (OER)
- Open peer review
- Open textbooks
- Open universities
- Open washing
- Partnerships
- Paying for OER
- Perception/attitude/awareness
- Platforms
- Policy
- Printing
- Public domain
- Publishers/publishing
- Quality
- Reading: paper vs. screens
- Religious colleges
- Remixing/Revising OER

- Repositories
- Research
- Retention
- Return on investment (ROI)
- Savings
- Scholarship
- Social justice
- Student societies/activities
- Student support
- Supplemental material
- Sustainability
- Tenure
- Textbook costs
- Traditional knowledge
- Tuition fees
- Universal Design for Learning (UDL)
- Zero Textbook Costs (ZTC) programs

I

Blogs and Opinion

Blogs and Opinions

A blog is defined as a regularly updated website or web page, typically one run by an individual or small group, that is written in an informal or conversational style. It often focuses on a specific topic and includes personal commentary.

Blogs and podcasts on open education are listed by country or region, and alphabetically by name below.

Canada

- [Amanda Notes](#) (Amanda Coolidge)
- [Digital Detox 2020 \(TRU\)](#)
- [homonym.ca \(Tannis Morgan\)](#)
- [Michael Geist](#)
- [OLDaily \(Stephen Downes\)](#)
- [Open & Distance Learning \(Irwin DeVries, TRU\)](#)
- [that psych prof \(Rajiv Jhangiani\)](#)
- [You're the Teacher \(Christina Hendricks, UBC\)](#)

U.S.

- [actualham \(Dr. Robin DeRosa\)](#)
- [Creative Commons \(U.S.\)](#)
- [Creative Commons: We Like to Share – Conversations with and about the people driving the open movement](#)
- [Dan Allosso's Blog](#)
- [e-Literate \(Michael Feldstein\)](#)
- [Empirical Educator Project](#)
- [Hybrid Pedagogy](#)

- [iterating toward openness \(David Wiley\)](#)
- [MindWires](#)
- [OER & Beyond](#)
- [Open Syllabus Project](#)
- [Phil on EdTech](#)
- [SPARC \(U.S.\)](#)
- [The Scholarly Kitchen](#)
- WCET Frontiers
 - [Open content](#)
 - [Open education](#)

Global North

- [OER Hub](#)
- [Open and Shut?](#) (Richard Poynder, U.K.)
- [Open Book Publishers Blog](#)
- [Open Working](#)

Global South

- [Science in the Open \(Cameron Neylon\)](#)

International

- [Open Access Week](#)
- [Teaching in Higher Ed \(open education podcasts episodes\)](#)

1.

Canada

Access codes/assessment platforms

Also see *Homework systems* on this page.

Last update: Oct 27/22

[Access code costs continue to burden students](#) – October 11, 2018
(BCcampus)

Accessibility

[Accessibility in open educational resources is resilience](#) – January 13, 2021 (Ksenia Cheinman, OER & Beyond)

[Some things I’m learning about accessibility & open textbooks](#) – January 11, 2020 (Christina Hendricks)

[Trans-inclusive design](#) – May 9, 2019 (Stephen Downes)

AI and OER

[AI from an Open Perspective](#) – August 10, 2023 (Paul Stacey)

Collaboration

[Collaboration in hard times in higher education](#) – December 9, 2019 (University Affairs)

Conferences

[2019 Cascadia Open Education Summit Summary](#) – May 10, 2019 (CCCOER, Dale Coleman)

[Beyond Textbooks and OER: reflecting on #OpenEd15](#) – November 23, 2015 (The Chronicle of Higher Education)

Copyright

[Our Response To Canada's Copyright Term Extension Consultation](#) – March 9, 2021 (Creative Commons blog)

[Two histories](#) – May 19, 2020 (Fair Duty)

[Federal court of appeal deals Access Copyright huge blow as it overturns York University copyright decision](#) – April 23, 2020 (Michael Geist)

[The authoritative Canadian copyright review: Industry committee issues balanced, forward-looking report on the future of Canadian Copyright Law](#) – June 3, 2019 (Michael Geist)

[What do trade agreements have to do with copyright? The Canada-US-Mexico Agreement and fair dealing](#) – February 25, 2019 (SFU Library, Jennifer Zerkee)

[From copyright term to Super Bowl commercials: Breaking down the digital NAFTA deal](#) – October 1, 2018 (Michael Geist)

[Video: Michael Geist on the impact of copyright and fair use on innovation](#) – April 11, 2017 (Centre for International Governance Innovation)

[Richard C. Owens: Fix Canada's copyright law before it puts publishers out of business](#) – July 26, 2016 (Financial Post)

[Canadian judge says asking for a copy of a legally-obtained but paywalled article is circumvention](#) – October 29, 2015 (Tech Dirt)

Creative Commons

[A Bug in Early Creative Commons Licenses Has Enabled a New Breed of Superpredator](#) – January 4, 2022

Debt

[Opinion: We need to rethink student loans across this country](#) – August 31, 2019 (National Post)

Equity, diversity, inclusion (EDI)

[Why open must be feminist](#) – July 11, 2019 (Rebus Blog)

[‘Open’ and ‘Inclusive’: what the heck are they?](#) – July 3, 2019 (Medium)

General

[The Alberta government fires the ‘non-compliant’ members of Athabasca University’s Board](#) – October 6, 2022 (Tony Bates)

[Who’s Zoomin’ Who?](#) – April 1, 2020 (Ed Tech Factotum)

[Digital Detox #1: EdTech and equity issues](#) – January 5, 2020 (Digital Detox 2020)

[More needs to be done to support teaching online in Canada](#) – November 22, 2019 (Ed Tech Factotum)

[From Lost to Belonging by Amanda Coolidge: OpenEd 2019 Keynote](#) (transcript) and [video](#) – October 28, 2019 (BCcampus)

[Whence the virtue of open](#) – June 19, 2019 (Stephen Downes)

[2019 Cascadia Open Education Summit wrap-up: 5 questions with the team](#) – June 5, 2019 (Campus Manitoba)

[What can open learn from blended learning initiatives?](#) – March 14, 2019 (homonym.ca)

[Beyond textbooks and OER: Reflecting on #OpenEd15](#) – November 23, 2015 (The Chronicle of Higher Education)

Homework systems

[The UBC Engineering WebWork Project](#) – November 27, 2019 (BCcampus)

BCcampus homework system project (Clint Lalonde, EdTech Factotum):

1. [Early thoughts on my new homework systems project](#) – July 17, 2019
2. [What is a homework system](#) – July 18, 2019
3. [Spitballing a definition of open homework systems](#) – July 19, 2019
4. [Some strategies for the open homework systems project](#) – September 6, 2019

Journals

[The realities of journal publishing: A view from Canada’s not-for-profits](#) – May 28, 2019 (University Affairs)

Libraries/librarians

[Voodoo categorisation and dynamic ontologies in the world of OER](#) – April 29, 2019 (MoodleNet)

Licences and subscriptions

[Why does it cost millions to access publicly funded research papers? Blame the paywall](#) – March 9, 2019 (CBC, Second Opinion)

[Not a free for all: Canadian university libraries spending hundreds of millions on licensing](#) – Sept 8/16 (Michael Geist)

Open educational practices (OEP)/pedagogy

[How are we creating a safe space for open pedagogy?](#) – May 30, 2019 (McToonish)

[5Rs for open pedagogy](#) – April 11, 2019 (Rajiv Jhangiani)

[5 Things Alan Davis Wants you to Know About Open Learning](#) – Fall 2018 (eCampusOntario)

[Does open pedagogy require OER?](#) – February 4, 2017 (ClintLalonde.net)

[Engaging students with OER](#) – June 13, 2015 (Christina Hendricks)

Open educational resources (OER)

[USask academics channel ‘content creators’ to enhance student learning](#) – July 7, 2022

[The pandemic spotlight on open educational resources and open access](#) – May 2021 (cAUt)

[Initiation](#) – July 2019 (the Guild – Skilled Trades and Apprenticeship)

[How open educational resources fit within the future of education](#) – May 16, 2019 (Campus Manitoba)

[From idea to book: A Q&A on Manitoba’s next OER](#) – April 23, 2019 (Campus Manitoba)

[10 things to know about open education in Manitoba](#) – March 8, 2019 (Campus Manitoba)

[Some myths about open educational resources](#) – November 27, 2015 (Contact North)

Open textbooks

[Opinion: Investing in textbook alternatives makes post-secondary education more affordable](#) – March 18, 2021 (Edmonton Journal)

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2.

United States

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Northern Hemisphere

Access

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4.

Southern Hemisphere

Access

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General

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Research

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II

Books

Books

There are several bodies publishing open textbooks and other books including academic presses, post-secondary open presses, and open publishers.

For more information, see “Publishers” on the [Collections and Publishers](#) chapter in the *OER by Discipline Directory*.

5.

Canada

Advocacy

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Last update: Oct 5/23

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6.

United States**Accessibility**

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Last update: Sep 10/21

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Publishers/publishing

[OER's road ahead is paved with publisher platforms](#) – February 9, 2017 (Library Journal)

[How the textbook industry tries to hook your prof](#) – May 27, 2016 (WIRED)

[A weird but true fact about textbook publishers and OER](#) – November 19, 2014 (eLiterate)

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Southern Hemisphere

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For more books, see [Digital Open Textbooks for Development \(DOT4D\)](#)

III

News

News

For news on open education, see below.

- [OER Digest](#): A bi-weekly newsletter for open education updates, opportunities, and reminders delivered every other Thursday.
- [OER Comms](#)

9.

Canada

Access codes/assessment platforms

[Senate endorses guiding principles for online assessment materials](#) – August 8, 2019 (The Ubyyssey)

Last update: Jun 22/22

[Access code costs continue to burden students](#) – October 11, 2018 (BCcampus newsletter)

[Beyond textbook pricing, conversation about affordability expands to online assessment materials](#) – June 15, 2018 (Ubyyssey)

Accessibility

[Publishers, universities struggle to provide timely access to accessible books](#) – August 27, 2019 (University Affairs)

[Inclusive design webinar series](#) – March 12, 2019 (BCcampus News)

[Our accessibility policy and forthcoming accessibility improvements](#) – May 1, 2018 (Pressbooks)

Adoption

[Ontario schools tally OER savings with new tool](#) – July 9, 2019 (Campus Technology)

Adult Basic Education (ABE)

[Open Education Stories: Adult Basic Education Zed Cred Ahead](#) – January 24, 2019 (BCcampus)

[Educators call on BC government to reverse cuts to adult ed](#) – Sept 14, 2015 (Vancouver Sun)

Advocacy

[This KPU professor brought open-education advocacy all the way to the UN](#) – April 3, 2019 (University Affairs)

Canada OER group

[Canada OER Group – 2019 update](#) – February 19, 2019 (BCcampus)

[Canada OER Group](#) – June 30, 2016 (BCcampus newsletter)

Copyright

[Supreme Court sides with York University in copyright tariff dispute](#) – Sept 7, 2021 (University Affairs)

[Federal Court of Appeal decision is mixed news for educators and students](#) – April 24, 2020 (CAUT)

[Copyright ruling harmful to creators and publishers, agency says](#) – April 24, 2020 (Prince George Citizen)

[Calls for support related to the CARL Open Copyright Project](#) – June 11, 2019 (CARL/ABRC News)

[How foreign companies use Canada’s universities to steal away huge chunks of intellectual property](#) – March 6, 2019 (Ottawa Citizen)

[Authors Alliance submits briefs supporting reversionary rights in Canada](#) – December 10, 2018 (Authors Alliance)

[Canadian Government Commits \\$50 Million to Creative Commons Licensed Open News Content](#) – November 26, 2018 (Michael Geist)

[New NAFTA would harm Canadian copyright reform and shrink the public domain](#) – October 1, 2018 (Creative Commons)

[Canadian Alliance of Student Associations worries making changes to fair dealing could cost students](#) – June 7, 2018 (The Runner)

[Her student debt payments are eating up most of her \\$24,000 salary](#) – October 30, 2017 (Globe and Mail)

[The Cost of a Canadian University Education in Six Charts](#) – October 19, 2017 (MacLeans)

[What the TPP means for copyright law in Canada](#) – December 18, 2016 (CBA/ABC National)

[Kate Taylor: Kids will suffer if Canada’s copyright legislation doesn’t change](#) – April 22, 2016 (Globe and Mail)

Debt

Also see **Tuition fees** on this page.

[‘Most difficult year’ for UVic students hunting for housing as landlords stay on sidelines](#) – August 29, 2021 (Times Colonist)

[Students sound alarm on skyrocketing cost of living](#) – August 28, 2021 (Halifax Today)

[Borrowing and debt patterns of graduates tied to educational pathways](#) – December 3, 2020 (Maritime Provinces Higher Education Commission)

[How Canadians go from student debt to default](#) – August 17, 2019 (Global News)

[Liberals write off \\$163 million in student loans feds will never collect](#) – January 28, 2019 (The Star)

[Provincial finance committee recommends zero-interest student loans, increased funding for student initiatives](#) – December 6, 2018 (The Ubyyssey)

[Alberta post-secondary students accumulating debt at ‘alarming rate’, says expert](#) – September 24, 2018 (Edmonton Journal)

[Her student debt payments are eating up most of her \\$24,000 salary](#) – October 30, 2017 (Globe and Mail)

[B.C. students work more, owe more than other Canadian students](#) – September 20, 2017 (Vancouver Sun)[Word doc](#)

[Cash-strapped Alberta students leading a push for open textbooks](#) – October 27, 2016 (Edmonton Metro)

[The mental health impact of rising debt: A lot of students suffer silently](#) – May 30, 2016 (Globe and Mail)

[Canadians shouldn’t be complacent about our student debt](#) – November 1, 2015 (Globe and Mail)

[Average student debt difficult to pay off, delays life milestones](#) – March 11, 2014 (CBC News)

Funding

[New supports for post-secondary students this fall](#) – July 15, 2020 (BC Gov News)

(B.C.) [Provincial government pledges \\$3.26 million towards open educational resources](#) – April 24, 2019 (The Ubyyssey)

[More open textbooks arriving on student bookshelves](#) – April 17, 2019 (BCcampus)

[Student advocates investing big in open textbooks](#) – September 20, 2018 (BCcampus)

[Funding boosts the B.C. Open Textbook Project](#) – March 30, 2017 (BC Gov News)

[Textbook lesson in savings for UBC students](#) – February 10, 2017 (BC Gov News)

[Grant to accelerate uptake of open textbooks](#) – December 1, 2015 (BC Gov News)

[B.C. to lead Canada in offering students free, open textbooks](#) – October 16, 2012 (BC Gov News)

General

[U of A leads project to open access to digital learning across Alberta](#) – August 10, 2020 (folio)

[New supports for post-secondary students this fall](#) – July 15, 2020 (BC Govt News)

[TRU becomes 1st North American school to offer international credential transfers for open learning students](#) – June 9, 2020 (Kamloops Now)

[Camosun to establish open education initiative with grant money](#) – October 23, 2019 (Nexus)

[Why universities are hiring “Wikipedeans-in-Residence”](#) – October 3, 2019 (Macleans)

[Open database of educational facilities](#) – August 19, 2019 (StatCan Press Release)

[\\$2.5 million in building code refunds, free codes on the way](#) – August 14, 2019 (BC Gov News)

[Wikipedian-in-residence takes up post at Montreal’s Concordia University](#) – July 7, 2019 (CBC News)

[University of British Columbia: Recognizing open in promotion and tenure – July 8, 2018](#) (Educause Review)

Libraries/librarians

[Library publishers convene in Vancouver to discuss open platforms and open educational resources](#) – July 15, 2019 (The Scholarly Kitchen)

[CARL Brings together OER librarian leaders to identify priorities for action](#) – September 10, 2018 (Canadian Association of Research Libraries: [CARL/ABRC](#))

Licences and subscriptions

[Commercial textbooks present challenges in a virtual environment](#) – June 2020 (U of Guelph Library News)

[U of S cutting subscriptions to almost 4,000 academic journals](#) – August 8, 2019 (Saskatoon StarPhoenix)

[The rising price of knowledge: University of Calgary cuts 1,600 academic resources](#) – January 16, 2017 (Gauntlet)

[U of C axes hundreds of journal subscriptions as ‘big 5’ publishers jack up prices](#) – January 19, 2017 (CBC News)

[Cancellation of subscriptions to 2,116 Springer journals](#) – May 6, 2016 (Universite de Montreal)

Open educational practices (OEP)/pedagogy

[German instructor works with students to produce open-educational resources that make learning tough languages easier. Klingt aufregend!](#) – October 5, 2021 (University of Calgary News)

[New report from CARL’s OEWG: Environmental scan of open education service and support in Canada](#) – June 29, 2020 (CARL News)

[Editors Canada releases new guidelines for the ethical editing of students’ work](#) – March 5, 2019 (University Affairs/Affaires universitaires)

[New study: Exploring faculty use of OER at BC institutions](#) – January 18, 2016 (BCcampus OpenEd)

[Open Education offers students and educators new learning experiences](#) – March 6, 2015 (BC Gov News)

Open educational resources (OER)

[UMSU releases 2021-22 budget recommendations: Open education resources tops list of priorities](#) – March 9, 2021 (Manitoba)

[AtlanticOER-RELAtlantique Launches, Bringing Open Educational Resources \(OER\) to the East Coast](#) – February 9, 2021 (CAUL-CBUA News)

[SSMU advocates for affordable textbooks and Open Education Resources](#) – October 20, 2020 (The McGill Tribune)

[CAUL-CBUA To Launch Regional Open Educational Resource \(OER\) Repository](#) – July 15, 2020 (CAUL-CBUA News)

[Grants to create open educational resources now available](#) – May 7, 2020 (Daily News, McMaster University)

[In the COVID-19 world, open source textbooks are the way of the future](#) – April 22, 2020 (The National Post)

[Introducing UPEI’s open education resource development program](#) – April 8, 2020 (The Journal Pioneer)

[‘A way to keep our language alive’: How the Atikamekw Nation uses Wikipedia to promote its language](#) – December 10, 2019 (CBC News)

[UMSU showcases open educational resources](#) – November 5, 2019 (The Manitoban)

[CanLII seeks volunteer editor and writers for a BC litigation practice manual](#) – September 4, 2019 (The CanLII Blog)

[Developing a course using open educational resources at Durham College, Oshawa, Ontario](#) – March 1, 2019 (Teach Online)

[Free textbook for students: U of T Mississauga gets its first open access digital resource](#) – January 23, 2019 (University of Toronto)

[Wikipedia to get respect at Concordia University](#) – January 16, 2019 (Montreal Gazette)

[The future is open](#) – November 29, 2018 (Dal News)

[Halifax researchers create blog to bring science to a wider audience](#) – August 9, 2018 (The Star Halifax); blog is called [Think of the PLOsibilities](#)

[Developing open educational resources in French and English for students of organic chemistry at the University of Ottawa, Canada](#) – May 25, 2018 (Contact North)

[VP University Affairs advocates for open educational resources at McGill](#) – February 6, 2018 (The McGill Tribune)

[New pilot project encourages faculty members to go beyond the textbook](#) – July 5, 2017 (University of Calgary)

Open textbooks

[Cape Breton woman first student to publish book on CBU's open textbook platform](#) – March 7, 2021 (Cape Breton Post)

[Improving access: These psychology instructors created a free textbook that has saved students thousands of dollars](#) – October 15, 2020 (Dal News)

[UPEI launches pilot program for free textbooks](#) – February 11, 2020 (CBC)

[Open source program to save U of R students \\$1.5M](#) – January 7, 2020 (CKOM News)

[Saskatchewan Government investment saves students money](#) – January 7, 2020 (Saskatchewan Government News and Media)

[Camosun to help advance the use of open textbooks](#) – September 25, 2019 (BC Colleges)

[The future is open](#) – March 28, 2019 (The Silhouette, McMaster University's Student Newspaper)

[Open-access chemistry textbooks gain popularity](#) – March 18, 2019 (Chemical & Engineering News)

[Open education resources reduce cost to post-secondary](#) – February 4, 2019 (Selkirk Sentinel)

[Free textbook for students: U of T Mississauga gets its first open access digital resource](#) – January 23, 2019 (U of T News)

[The future is open](#) – November 29, 2018 (Dal News)

[Okanagan College professors' approach to textbooks easing student costs](#) – November 21, 2018 (Kelowna Now)

[How to become an “eTextbook rock star”](#) – November 21, 2018 (Daily News, McMaster U)

[UPEI librarian pitches plan for more free textbooks](#) – October 5, 2018 (CBC News)

[Digital textbooks are making education more affordable and accessible for British Columbians](#) – June 6, 2018 (Kelowna Now)

[Open textbooks make education more accessible and affordable](#) – June 5, 2018 (BC Gov News)

[To combat soaring textbook costs, look to an open-source approach](#) – January 2, 2018 (Globe and Mail)

[The open educational resources movement is redefining the concept of online textbooks](#) – April 4, 2017 (University Affairs)

[Nearly all UBC math textbooks are available online for free](#) – January 19, 2017 (The Ubyyssey)

[Cash-strapped Alberta students leading a push for open textbooks](#) – October 27, 2016 (Edmonton Metro)

[British Columbia university profiles to help you choose](#) – October 18, 2017 (The Globe and Mail)

- see KWANTLEN POLYTECHNIC UNIVERSITY, “In support of students facing financial barriers, KPU participates in the BC campus Open Textbook Project, which provides free digital textbooks, as well as low-cost print textbooks. More than 180 titles are currently offered through this initiative, and KPU’s adoption rate of open-access textbooks has nearly doubled over the past year.”

[B.C. works to deliver more free post-secondary textbooks](#) – December 21, 2016 (Kelowna Now)

[Cash-strapped Alberta students leading a push for open textbooks](#) – October 27, 2016 (Edmonton Metro)

[Open Textbook Project eases costs for students](#) – October 1, 2016 (Times Colonist)

[Camosun trades students use free open textbooks in class](#) – Sept 28, 2016 (Camosun College News)

[Camosun students save over \\$115,000 with free open textbooks](#) – Sept 27/16 (BC Gov News)

[Open textbook use on the rise at U of S](#) – Sept 21, 2016 (University of Saskatchewan web page)

[UPEI students save money using online textbooks](#) – Sept 9, 2016 (CBC News)

[Additional open textbooks available for students](#) – November 10, 2015 (BC Gov News)

[Open textbooks fill digital shelves](#) – May 29, 2015 (BC Gov News)

[Open textbooks: a great idea catches on](#) – March 6, 2015 (BC Gov News)

[B.C. leading the discussion on open textbooks](#) – April 15, 2014 (BC Gov News)

[Free, online textbooks coming for skills training](#) – Oct 25, 2013 (BC Gov News)

[More open textbooks for students underway](#) – Oct 7, 2013 (BC Gov News)

[Free, open textbooks available for students and instructors](#) – Sept 9, 2013 (BC Gov News)

[Moving to the next chapter on free online textbooks](#) – April 8, 2013 (BC Gov News)

[Moving forward on free, open textbooks](#) – February 18, 2013 (BC Gov News)

Policy

[Developing open policy for higher education](#) – April 15, 2016 (Creative Commons)

Publishers/publishing

[How Ottawa's Centre for Journalology is tackling the scourge of predatory publishers](#) – March 20, 2020 (University Affairs)

[How a university took on the textbook industry](#) – October 24, 2019 (EdSurge) *Rich Baraniuk is from Winnipeg.*

Savings

[Post-Secondary Students Save Millions Through Investments In Open Education Resources](#) – December 8, 2021 (SK Gov News)

[Saskatchewan Government investment saves students money](#) – January 7, 2020 (SK Gov News)

[Open textbook combines high quality with cost savings for students](#) – October 29, 2017 (University of Regina)

[Textbook savings continue to grow for post-secondary students](#) – December 21, 2016 (BC Gov News)

[Camosun trades students use free open textbooks in class](#) – Sept 28, 2016 (Camosun media release)

[Open textbooks provide big savings and benefits for Camosun students](#) – Sept 27, 2016 (Saanich News)

[Camosun students save over \\$115,000 with free open textbooks](#) – Sept 27, 2016 (BC Gov News)

[B.C. celebrates student savings through the B.C. Open Textbook Project](#) – Sept 4, 2016 (BC Gov News)

[Fighting Big Textbook: How students are trying to save money as prices keep going up](#) – Sept 4, 2015 (Financial Post): this article includes a graph comparing the Cdn consumer price index against the rising cost of textbooks and school supplies

[Students saving money with open textbooks](#) – January 10, 2014 (BC Gov News)

Scholarship

[Exploring tension and risk in open scholarship](#) – November 20, 2017 (Open UBC)

Student societies/activities

[UPEI student union plans to hold PCs, Greens to election promises](#) – April 30, 2019 (CBC)

[Candidate profile: Julia Chai, Senate](#) – March 9, 2019 (The Ubyyssey)

[Students want more invested in open textbooks](#) – September 12, 2018 (The Omega, TRU)

[University students want profs to consider free options over textbooks](#) – September 12, 2018 (CBC News, Kitchener-Waterloo)

[B.C. Federation of Students presses province on open-source textbooks](#) – September 4, 2018 (The Star Vancouver)

[Students fight back against sky-high textbook costs](#) – September 4, 2018 (OkanaganLife)

[Hat trick for UVic students recognized for leadership](#) – June 12, 2018 (University of Victoria/UVic News)

[UVic students make push for open textbooks](#) – January 9, 2017 (Saanich News)

[Open educational resources may help students with textbook costs](#) – October 15, 2016 (The Ubyyssey)

[UVSS presents to BC Governments Select Standing Committee on Finance](#) – October 12, 2016 (University of Victoria Student Society)

[BC students say they are textbookbroke](#) – Sept 7, 2016 (CBC)

Student support

[Students with kids press universities for more support](#) – January 10, 2018 (University Affairs)

Tenure

[University of British Columbia: Recognizing open in promotion and tenure](#) – July 18, 2018 (by Brady Yano, Daniel Munro, and Amanda Coolidge in EDUCAUSE Review)

Textbook costs

[Project aims to alleviate textbook costs for university students in Atlantic Canada](#) – July 28, 2020 (CBC)

[Commercial textbooks present challenges in a virtual environment](#) – June 2020 (U of Guelph Library News)

[UNB students pay as much as \\$340 per textbook](#) – Sept 27, 2016 (CBC)

[Open textbooks provide big savings and benefits for Camosun students](#) – Sept 27, 2016 (Saanich News)

[BC students say they are textbookbroke](#) – Sept 7, 2016 (CBC)

[How are you paying for post-secondary education?](#) – June 28, 2016 (Globe and Mail)

[Educators call on BC government to reverse cuts to adult ed](#) – Sept 14, 2015 (Vancouver Sun)

[Back to school 2015: How post-secondary students can fight ‘grim reality’ of rising textbook costs](#) – Sept 4, 2015 (CBC News)

[Fighting big textbook: How students are trying to save money as prices keep going up](#) – Sept 4, 2015 (Financial Post)

Tuition

*Also see **Debt** on this page.*

[Tuition fees for degree programs, 2019/2020](#) – September 4, 2019 (StatsCan The Daily)

[Financial information of community colleges and vocational schools, 2016/2017](#) – December 12, 2018 (Statistics Canada)

[Liberals write off \\$200 million in student loans feds will never collect](#) – February 16, 2018 (taken from The Canadian Press, published in NationTalk)

[The Cost of a Canadian University Education in Six Charts](#) – October 19, 2017 (MacLeans)

[University tuition fees in Canada rise 40 per cent in a decade](#) – September 7, 2016 (Global News)

[The cheapest and most expensive degree programs in Canada: StatsCan](#) – September 6, 2017 (Global News)

[Educators call on BC government to reverse cuts to adult ed](#) – Sept 14, 2015 (Vancouver Sun)

Zero Textbook Cost (ZTC) programs

[Douglas to develop ZTC for General Business Certificate](#) – January 11, 2021 (Academica Group)

[No textbooks? No problem](#) – May 3, 2019 (Royal Roads University News)

10.

Northern Hemisphere

Courses

[Open Online Course on Programming for Geospatial Hydrological Applications launched](#) – March 7, 2021 (India Education Diary)

Last update: Jun 8/21

Events

[Opening UCL: A symposium on open education](#) – March 13, 2019

General

[Mada launches two platforms to support access to information](#) – April 6, 2020 (The Peninsula Qatar)

[Launch of the UNESCO dynamic coalition for open education resources \(OER\)](#) – April 1, 2020 (UNESCO)

[6 Nigerian states to pilot open schooling system](#) – February 17, 2020 (PM News Nigeria)

[Training programme on open education held](#) – December 18, 2019 (The Pioneer)

[Sarvodaya-Fusion partners with Open University of Sri Lanka and NIBM to offer advanced ICT education to rural children](#) – December 16, 2019 (MenaFN)

[Germany's Christian Democratic Union party outlines commitment to open digital standards](#) – November 27, 2019 (Reclaim the Net)

[The OA Interviews: K. VijayRaghavan, Principal Scientific Adviser, Government of India](#) – October 31, 2019 (Open and Shut?)

[Be very impressed by the open LMS of Open University of China](#) – October 7, 2019 (LMS Pulse)

[Open Scotland shared curation invitation](#) – October 2019 (Open Scotland)

[Second meeting of UNESCO ICT competency framework/OER network](#) – August 27, 2019 (UNESCO News)

[Global Open Initiative co-founders, Sadat & Sadik, to attend the 2019 Civil Servant research summit in Stockholm](#) – August 15, 2019 (News Ghana)

[Accessing learning and research materials](#) – August 6, 2019 (Newsday)

[IBM to train over 1 million female students in India in 3 years](#) – March 11, 2019 (The Times of India)

[Focus on India–WikiConference produces new apps; state government adopts free licenses](#) – August 18, 2016 (The Signpost)

Monographs

[Humanities scholars warn over UKRI's plan for open-access books](#) – February 17, 2020 (Times Higher Education)

[OA monographs: policy and practice for supporting researchers](#) -October 8,2019 (Jisc scholarly communications)


Open educational resources (OER)

[Nigeria identifies priority areas for open educational resources](#) – March 15, 2021 (India Education Diary)

[Chitral varsity's website to facilitate students in online education](#) – April 23, 2020 (Dawn)

[TISS launches online portal for school education](#) – December 10, 2019 (The Hindu)

[EUR 98 mln financing contracts signed for two projects aimed at digitizing Romania's education system](#) – September 11, 2019 (Romania Insider)

[Let's sprint again](#)  – August 19, 2019 (OER World Map)

[Innovative teaching seen to improve access, quality of education](#) – July 4, 2019 (Philstar Global)

[OSOU, OCL talk on 'open edu resources'](#) – June 23, 2019 (the pioneer)

[EFLU to roll out new proficiency course in 13 languages](#) – April 15, 2019 (The Hans India)

[NOUN trains varsities staff on open educational resources](#) – March 12, 2019 (Leadership)

[Diversifying the medical curriculum using open educational resources](#) – May 16, 2016 (Teaching Matters blog)

Publishers/publishing

[McGraw-Hill Education/Cengage Learning Holdings merger inquiry](#) – November 19, 2019/update January 14, 2020

[Pearson faces “deep-rooted challenges” as CEO joins FTSE exodus](#) – December 18, 2019 (Proactive)

Scholarship

[Knowledge Exchange has compiled a collection of interviews which illustrate how pioneering initiatives set up and operate new, or alternative business models, in the area of open scholarship](#) – June 1, 2019 (Knowledge Exchange)

Textbook costs

[‘Price gouging from Covid’: student ebooks costing up to 500% more than in print](#) – January 29, 2021 (The Guardian)

11.

Southern Hemisphere

General

[South Africa: Unesco Chair in Open Education Resources for Glenda Cox](#) – December 2, 2021 (allAfrica)

Last update: Dec 10/21

[Launch of the UNESCO dynamic coalition for open education resources \(OER\)](#) – April 1, 2020 (UNESCO)

[Symposium to consider how open education fits in reforms](#) – December 5, 2019 (Otago Daily Times)

[IFAP supports national information policies and knowledge strategies in Africa](#) – March 18, 2019 (UNESCO)

[UNESCO Chair for ‘open education’ professor](#) – March 8, 2019 (University of Cape Town News)

Open educational practice (OEP)

[“Game-changer for higher education in NZ” launched in Otago](#) – July 4, 2019 (Voxy.co.nz)

Open educational resources (OER)

[Where EAC open education resources?](#) – August 24, 2019 (The New Times)

[VE reforms provide opportunity for open educational resources](#) – April 4, 2019 (Voxy.co.nz)

[Academic calls for embracing of open educational resources](#) – March 13, 2019 (Fiji Sun)

Publishers/publishing

[Competition regulator challenges publishing giants’ union](#) – December 12, 2019 (Times Higher Education)

Textbook costs

[Pirated textbooks flood market...parents turn to the street for cheaper editions](#) – January 16, 2020 (The Herald)

[Photocopies proliferate as textbook prices soar](#) – January 15, 2020 (The Herald)

IV

Research and Reports

Research and Reports

This section lays out open education research and reports alphabetically, and by region. Below are general resources and organizations pertaining to research in this area.

General

- Johnson, L., Adams Becker, S., Estrada, V., and Freeman, A. (2015). [NMC Horizon Report: 2015 Higher Education Edition](#). Austin, Texas: The New Media Consortium.
- [cOALition S / Plan S](#)
- [Designing public-centric forms of public engagement with research \(The Open University\)](#)
- [ERIC \(Education Resources Information Center\)](#) – Institute of Education Services, U.S. Department of Education
- [figshare](#)
- [OerHub](#) (UK)
- [OER & Beyond](#): The official blog of the International Journal of Open Educational Resources
- [OER Knowledge Cloud](#) (UNESCO/COL)
- [Open Access Publishing Resources \(from OASPA\)](#)
- [Open Education Group](#)
- [ROER4D \(Research on Open Educational Resources for Development\)](#)
- [Scopus](#)
- [Why Open Research?](#)

Books

[Open Research](#)

Journals

[How to find a suitable open access journal?](#)

- [Directory of Open Access Journals \(DOAJ\)](#)
- [Cofactor Journal Selector Tool](#)
- [SHERPA Services](#)
- [Open Access Scholarly Publishers Association \(OASPA\)](#)
- [Open Access Directory](#)
- [Harvard Open Access Project \(HOAP\)](#)
- [Open Journals Systems \(OJS\)](#)
- [The International Journal of Open Educational Resources](#)

FACETS: Canada's first multidisciplinary open access science journal. *FACETS* is published by [Canadian Science Publishing](#), publisher of the [NRC Research Press](#) suite of journals. Articles are released with a CC BY licence.

[International Journal of E-Learning & Distance Education](#) (formerly the Journal of Distance Education): an open access, international publication of the Canadian Network for Innovation in Education (CNIE)

[International Review of Research in Open and Distributed Learning \(IRRODL\)](#): advancing research, theory, and practice in open and distributed learning worldwide

[Journal of Copyright in Education & Librarianship](#): bi-annually published in the spring and fall. It is a peer-reviewed open-access publication for original articles, reviews and case studies that analyze or describe the strategies, partnerships and impact of copyright law on public, school, academic, and digital libraries, archives, museums, and research institutions and their educational initiatives.

[Journal of Learning for Development \(JL4D\)](#): A forum for the publication of research with a focus on innovation in learning, in particular but not exclusively open and distance learning, and its contribution to development. Content includes interventions that change social and/or economic relations, especially in terms of improving equity.

[Journal of New Librarianship](#)

[Open Access Teaching Case Journal \(OATCJ\)](#): publishes descriptive/evaluative or decision-based teaching case studies in all disciplines.

[Open Praxis](#): a peer-reviewed open access scholarly journal focusing on research and innovation in open, distance and flexible education. It is published by the [International Council for Open and Distance Education](#)

Monographs

[TOME \(Toward an Open Monography Ecosystem\)](#): Advances the wide dissemination of scholarship by humanities and humanistic social sciences faculty members through open access editions of peer-reviewed and professionally edited monographs. These are the [participating colleges and universities](#).

Tools

[Direct2AAM](#): This set of guides makes it easier for authors to self-archive simply, quickly, and correctly, and to search for Author Accepted Manuscripts (AAM). The guides, available for most major journals, provide easy to follow instructions for authors to obtain an Author Accepted Manuscript from their journal submission system, where the AAM is stored during the publishing process.

[Open Access Button](#): Free, legal research articles delivered instantly or automatically requested from authors.

[Research pack \(OER Hub\)](#)

[Unpaywall](#): An open database of free scholarly articles.

12.

Canada

Access codes/assessment platforms

[UBC Senate endorses principles for digital learning materials used for assessment](#) – May 24, 2019 (Open UBC, Christina Hendricks)

Last update: Oct 5/23

Adoption

Barker J., Jeffery, K., Jhangiani, R.S., Veletsianos, G. (2018). Eight patterns of open textbook adoption in British Columbia *The International Review of Research in Open and Distributed Learning*, 19(3). <http://www.irrodl.org/index.php/irrodl/article/view/3723/4641>

Carey, T., Davis, A., Ferreras, S., Porter, D. (2015). Using open educational practices to support institutional strategic excellence in teach, learning & scholarship. *Open Praxis*, 7(2). <http://dx.doi.org/10.5944/openpraxis.7.2.201>

Hendricks, C., Reinsberg, S.A., Rieger, G.W. (2017). The adoption of an open textbook in a large Physics course: An analysis of cost, outcomes, use and perceptions. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3006>

Jhangiani, R. S., & Jhangiani, S. (2017). Investigating the perceptions, use, and impact of open textbooks: A survey of post-secondary students in British Columbia. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3012>

McGreal, R., Anderson, T., & Conrad, D. (2015). Open educational resources in Canada. *International Journal of Open Educational Resources*, 16(5). <http://www.irrodl.org/index.php/irrodl/article/view/2404/3421>

McKerlich, R. C., Ives, C., & McGreal, R. (2013). Measuring use and creation of open educational resources in higher education. *The International Review of Research in Open and Distributed Learning*, 14(4). <https://doi.org/10.19173/irrodl.v14i4.1573>

Onalfo, D. (2016). Alternate academy: Investigating the use of open educational resources by students at the University of Lagos in Nigeria. *Electronic Thesis and Dissertation Repository*, 4086. <https://ir.lib.uwo.ca/etd/4086>

Advocacy

Annand, D., Jensen, T. (2017). Incentivizing the production and use of open educational resources in higher education institutions. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3009>

Harrison, M., & DeVries, I. (2019). Open educational practices advocacy: The instructional designer experience. *Canadian Journal of Learning and Technology*, 45(3). <https://doi.org/10.21432/cjlt27881>

Jhangiani, R.S. (2017). Pragmatism vs. idealism and the identity crisis of OER advocacy. *Open Praxis*, 9(2). <http://dx.doi.org/10.5944/openpraxis.9.2.569>

Courses

Christiansen, E., & McNally, M. (2022). Examining the technological and pedagogical elements of select open courseware. *First Monday*, 27(10). <https://doi.org/10.5210/fm.v27i10.11639>

Hill, P. (2019). State of higher ed LMS market for US and Canada: 2019 mid-year edition. *Phil on Ed Tech*. <https://philonedtech.com/state-of-higher-ed-lms-market-for-us-and-canada-2019-mid-year-edition/>

Debt

Maritime Provinces Higher Education Commission. (2018, September). [Borrowing to Finance University Education: Class of 2014](#). *Trends in Maritime Higher Education*, 15(2).

- Press release (September 19, 2018): [Maritime Provinces Higher Education Commission – Maritime student debt situation sees improvements](#)

[The Case for Renewal in Post-Secondary Education](#) – March 16, 2017 ([paper from Canadian Centre for Policy Alternatives](#))

Statistics Canada. (2020, August 25). Half of recent postsecondary graduates had student debt prior to the pandemic. *The Daily*. https://www150.statcan.gc.ca/n1/daily-quotidien/200825/dq200825b-eng.htm?utm_source=Academica+Top+Ten&utm_campaign=c7e847934a-EMAIL_CAMPAIGN_2020_08_25_05_38&utm_medium=email&utm_term=0_b4928536cf-c7e847934a-51529649

Student debt crisis – A generation buried in student debt. (2018). *Annual Bankruptcy Study*. Hoyes Michalos. <https://www.hoyes.com/press/joe-debtor/the-student-debtor/>

Efficacy and student outcomes

Hendricks, C., Reinsberg, S.A., Rieger, G.W. (2017). The adoption of an open textbook in a large physics

course: An analysis of cost, outcomes, use and perceptions. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3006>

Equity, diversity, inclusion (EDI)

Sator, A., & Williams, H. (2020). *Removing barriers to online learning through a teaching and learning lens*. Sponsored by BCcampus. https://bccampus.ca/wp-content/uploads/2020/06/Report_Removing-Barriers-to-Online-Learning.pdf

Funding

Lariviere, V., Sugimoto, C.R. (2018). Do authors comply when funders enforce open access to research? *Nature*, 562, 483-486. <https://www.nature.com/articles/d41586-018-07101-w>

- This research includes Canadian information so is included in this section.

General

Canadian Digital Learning Research Association

- Johnson, N., Donovan, T., Seaman, J., & Bates, T. (2019). Canadian National Survey of Online and Digital Learning, **Global Online Learning Summit**, Toronto, October 8-10, 2019. Canadian Digital Learning Research Association. <https://onlinelearningsurveycanada.ca/download/768/>
- [2018 publications on online learning and open education](#)

Daniel, J.S. (2019). Open universities: Old concepts and contemporary challenges. *The International Review of Research in Open and Distributed Learning*, 20(4). <http://www.irrodl.org/index.php/irrodl/article/view/4035/5166>

DeVries, I.J. (2019). Open universities and open educational practices. *International Review of Research in Open and Distributed Learning*, 20(4). <https://doi.org/10.19173/irrodl.v20i4.4215>

Weller, M., Jordan, K., DeVries, I., & Rolfe, V. (2018). Mapping the open education landscape: citation network analysis of historical open and distance education research. *Open Praxis*, 10(2), 109-126. doi:10.5944/openpraxis.10.2.822

Homework systems

d'Entremont, A. (2018). Student preference between single-box and multi-box homework problem answers using WeBWork, an online homework system. *Proceedings of the Canadian Engineering*

Education Association (CEEAA) Conference. June 3-6, 2018, Vancouver, BC. <https://doi.org/10.24908/pceea.v0i0.13101>

Lee, J.S., Verrett J. (2018). WeBWorK as an open online homework system in a second-year material and energy balances course. *Proceedings of the Canadian Engineering Education Association (CEEAA) Conference*. June 3-6, 2018, Vancouver, BC. <https://doi.org/10.24908/pceea.v0i0.13047>

Inclusive access

Also see **Access codes/assessment platforms** on this page.

Instructional designers

Harrison, M., & DeVries, I. (2019). Open educational practices advocacy: The instructional designer experience. *Canadian Journal of Learning and Technology*, 45(3). <https://doi.org/10.21432/cjlt27881>

Journals

Also see **Platforms** on this page.

Gillis R. (ed) (2019). Getting found, staying found, increasing impact: Enhancing readership and preserving content for OJS journals, Second Edition. PKP/SFU: Vancouver, B.C. <https://docs.pkp.sfu.ca/getting-found-staying-found/en/>

Legislation

Dewhurst, D., Keyes, J.M., Zariski, A. (2013). Open educational resources for professionals: A new era in the training and development of legislative counsel. *International Journal of E-Learning & Distance Education (IJEDE)*, 27(2). <http://ijede.ca/index.php/jde/article/view/837/1503>

Libraries

Smith, B., & Lee, L. (2017). Librarians and OER: Cultivating a community of practice to be more effective advocates. *Journal Of Library & Information Services In Distance Learning*, 11(1), 106-122. doi:[10.1080/1533290X.2016.1226592](https://doi.org/10.1080/1533290X.2016.1226592)

CARL/ABRC. (2014, Sept 8). [Open textbooks: opportunities for research libraries: Working paper presented to the CARL Committee on Research Dissemination. \(PDF.\)](#) Canadian Association of Research Libraries/Association des bibliothèques de recherche du Canada.

Open educational practices (OEP)

Annand, D., Jensen, T. (2017). Incentivizing the production and use of open educational resources in higher education institutions. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3009>

CARL Open Education Working Group's Environmental Scan Subgroup. (2020). Environmental scan of open education service and support in Canada. CARL/ABRC. <https://www.carl-abrc.ca/news/oe-environmental-scan-released/?cn-reloaded=1&cn-reloaded=1>

Fields, E., & Harper, A. (2020). Opening up information literacy: Empowering students through open pedagogy. *Scholarship of Teaching and Learning, Innovative Pedagogy*, 2. https://digitalcommons.humboldt.edu/sotl_ip/vol2/iss1/1/#.X1vAGswPk9k

Han, A., Briseño-Garzón, A., Birol, G. (2018). *2018 UBC Teaching Practices Survey. Focus: Open*. University of British Columbia. https://open-2017.sites.olt.ubc.ca/files/2018/12/UBCV_Open.pdf

Jhangiani, R.S., Hardin, E.E., & Beers, M.J. (guest eds). (2019). Open educational practices: Perceptions and outcomes. *Psychology Learning & Teaching (special issue)*. <https://doi.org/10.1177/1475725718814354>

Jhangiani, R. S., Pitt, R., Hendricks, C., Key, J., & Lalonde, C. (2016). [*Exploring the use of open educational resources at BC post-secondary institutions*](#). Victoria, BC: BCcampus.

Maultsaid, D., & Harrison, M. (2023). Can Open Pedagogy Encourage Care? Student Perspectives . *The International Review of Research in Open and Distributed Learning*, 24(3), 77–98. <https://doi.org/10.19173/irrodl.v24i3.6901>

Morgan, T. (2019). Getting to open at a closed institution; A case study of evolving and sustaining open education practices. *Journal of Learning for Development*, 6(3). <https://jl4d.org/index.php/ejl4d/article/view/346>

Morgan, T. (2019). Instructional designers and open education practices: Negotiating the gap between intentional and operational agency. *Open Praxis*, 11(4). <http://dx.doi.org/10.5944/openpraxis.11.4.1011>

Morgan, T., Childs, E., Hendricks, C., Harrison, M., DeVries, I., & Jhangiani, R. (2021). How are we doing with open education practice initiatives? Applying an Institutional Self-Assessment Tool in five higher education institutions. *The International Review of Research in Open and Distributed Learning*, 22(4), 125-140. <https://doi.org/10.19173/irrodl.v22i4.5745>

Paskevicius, M. & Irvine, V. (2019). Practicalities of implementing open pedagogy in higher education. *Smart Learn. Environ.* 6, 23. <https://doi.org/10.1186/s40561-019-0110-5>

Paskevicius, M. & Irvine, V. (2019). Open education and learning design: Open pedagogy in Praxis. *Journal of Interactive Media in Education*, (1), p.10. <http://doi.org/10.5334/jime.512>

Paskevicius, M. (2017). Conceptualizing open educational practices through the lens of constructive alignment, *Open Praxis*, 9(2). <http://dx.doi.org/10.5944/openpraxis.9.2.519>

Seid-Karbasi, P., Ye, W.C., Zhang, A.W., Gladish, N., Cheng, S.Y.S., Rothe, K., Pilsworth, J.A., Kang, M.A., et al. (2017). CuboCube: Student creation of a cancer genetics e-textbook using open-access software for social learning. *PLoS Biology*, 15 (3) , art. no. e2001192. <https://doi.org/10.1371/journal.pbio.2001192>

Veletsianos, G. (2015). A case study of scholars' open and sharing practices. *Open Praxis*, 7(3), 199–209. <http://dx.doi.org/10.5944/openpraxis.7.3.206>

Open educational resources (OER)

[Open Educational Resources: Global Report 2017](#) – October 17, 2017

DeVries, I. (2013). Evaluating open education resources: Lessons learned. *Procedia – Social and Behavioral Sciences*, 83(4), 56-60. <https://doi.org/10.1016/j.sbspro.2013.06.012>

Downes, S. (2019). A look at the future of open educational resources. *International Journal of Open Educational Resources*, Vol. (2). <https://www.ijoe.org/a-look-at-the-future-of-open-educational-resources/>

Earle, S. (2019). What students like (and dislike) about open educational resources. BCcampus. https://bccampus.ca/2019/03/12/what-students-like-and-dislike-about-open-educational-resources/#_ftnref1

Fields, E. (2018). Intersections of open pedagogy and critical information literacy: A case study. BCcampus. <https://bccampus.ca/2018/11/27/intersections-of-open-pedagogy-and-critical-information-literacy-a-case-study/>

Hendricks, C. (2015). Teaching and learning philosophy in the open. *American Association of Philosophy Teachers, Studies in Pedagogy*, 1, 17-32. DOI: 10.5840/aaptstudies20159162 <https://philpapers.org/archive/HENTAL-3.pdf>

Ives, C., & Pringle, M. M. (2013). Moving to open educational resources at Athabasca University: A case study. *The International Review of Research in Open and Distributed Learning*, 14(2), 1-13. <https://doi.org/10.19173/irrodl.v14i2.1534>

Joseph, K., Guy, J., & McNally, M.B. (2019). Toward a critical approach for OER: A case study in removing the 'big five' from OER creation. *Open Praxis*, 11(4). <http://dx.doi.org/10.5944/openpraxis.11.4.1020>

Lapum, J. L., St-Amant, O. M., Verkuyl, M., Garcia, W., Tan, A., Freeman, W., & Savicevic, N. (2020). Designing open access, educational resources / Développer des ressources éducatives en libre accès. *Quality Advancement in Nursing Education – Avancées en formation infirmière*, 5(2), Article 7. <https://doi.org/10.17483/2368-6669.1193>

Stracke, C.M., Downes, S., Conole, G., Burgos, D., & Nascimbeni, F. (2019). Are MOOCs open educational resources? A literature review on history, definitions and typologies of OER and MOOCs. *Open Praxis*, 11(4). <http://dx.doi.org/10.5944/openpraxis.11.4.1010>

Open textbooks

Earle, S. (2019). What students like (and dislike) about open educational resources. BCcampus. https://bccampus.ca/2019/03/12/what-students-like-and-dislike-about-open-educational-resources/#_ftnref1

Jhangiani, R. S., Dastur, F. N., LeGrand, R., & Penner, K. (2018). As good or better than commercial textbooks: Students' perceptions and outcomes from using open digital and open print textbooks. *The Canadian Journal for the Scholarship of Teaching and Learning*, 9(1). <https://doi.org/10.5206/cjsotl-rcacea.2018.1.5>

Open universities

Shale, D. (1987). Innovation in International Higher Education: The Open Universities. *International Journal of E-Learning & Distance Education (IJEDE)*, 2(1): 7-24. <http://ijede.ca/index.php/jde/article/view/310/204>

Paying for OER

Stacey, P. (2013). Government support for open educational resources: Policy, funding, and strategies. *The International Review of Research in Open and Distributed Learning*, 14(2), 67-80. <https://doi.org/10.19173/irrodl.v14i2.1537>

Perception/attitude/awareness

Hendricks, C., Reinsberg, S.A., Rieger, G.W. (2017). The adoption of an open textbook in a large Physics course: An analysis of cost, outcomes, use and perceptions. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3006>

Jhangiani, R. S., & Jhangiani, S. (2017). Investigating the perceptions, use, and impact of open textbooks: A survey of post-secondary students in British Columbia. *The International Review of Research in Open and Distributed Learning*, 18(4). <https://doi.org/10.19173/irrodl.v18i4.3012>

Jhangiani, R. S., Pitt, R., Hendricks, C., Key, J., & Lalonde, C. (2016). *Exploring the use of open educational resources at BC post-secondary institutions*. Victoria, BC: BCcampus. <https://opentextbc.ca/openedinfo/wp-content/uploads/sites/214/2018/10/BCFacultyUseOfOER-final.pdf>

Paskevicius, M., Veletsianos, G., & Kimmons, R. (2018). Content is king: An analysis of how the Twitter discourse surrounding open education unfolded from 2009 to 2016. *The International Review of Research in Open and Distributed Learning*, 19(1). <https://doi.org/10.19173/irrodl.v19i1.3267>

Platforms

Maxwell, J.W., Hanson, E., Desai, L., Tiampo, C., O'Donnell, K., Ketheeswaran, A., Sun, M., Walter, E., Michelle, E. (2019). *Mind the Gap: A Landscape Analysis of Open Source Publishing Tools and Platforms* (1st ed.). <https://mindthegap.pubpub.org/>

Policy

Skidmore, J., & Provida, M. (2019). A place for policy: The role of policy in supporting open educational resources and practices at Ontario's colleges and universities [Research report]. <https://www.ecampusontario.ca/publications-reports/>

Publishers/publishing

Waller, M., Cross, W.M., & Rigling L.S. (2017). The open textbook toolkit: Seeding Successful partnerships for collaboration between academic libraries and university presses. *Journal of Scholarly Publishing* 49(1), 53-65. University of Toronto Press. doi:10.3138/jsp.49.1.53

Social justice

Bali, M., Cronin, C., & Jhangiani, R. S. (2020). Framing open educational practices from a social justice perspective. *Journal of Interactive Media in Education*, 2020(1), 10. <http://doi.org/10.5334/jime.565>

Sustainability

Downes, S. (2007). Models for sustainable open educational resources. *Interdisciplinary Journal of Knowledge and Learning Objects*, 3, 29-44. <https://nrc-publications.canada.ca/eng/view/object/?id=dfac7874-dbe9-40f9-8f06-3212ef05ddf8>

Tenure

Alperin, J.P., Nieves, C.M., Schimanski, L.A., Fischman, G.E., Niles, M.T. & McKiernan, A. (2019). Meta-research: How significant are the public dimensions of faculty work in review, promotion and tenure documents? *eLife*, 8(e42254). <https://doi.org/10.7554/eLife.42254.001>

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13.

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Last update: Apr 21/23

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14.

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Appendix A: Organizations, Projects, Initiatives

Canada

[BCcampus Open Education](#)

Last update: Oct 21/21

[Canadian Network for Innovation in Education \(CNIE-RCIÉ\)](#): a national organization of professionals committed to excellence in the provision of innovation in education in Canada.

[Canadian Women for Women in Afghanistan](#): This charitable organization maintains the [Darakht-e Danesh Library](#), a digital repository of open educational resources (OERs) for teachers, students on more than 3,000 resources in over 100 subjects, for both primary and secondary teachers, in three languages: Dari, Pashto and English, and hopes to expand into additional Afghan minority languages. The library was created to increase access to quality, locally adapted educational resources.

[Contact North](#): Helps underserved Ontarians in 600 small, rural, remote, Indigenous and Francophone communities get jobs by making it possible for them to access education and training without leaving their communities.

[Creative Commons Canada](#): [Email](#), social media: [Twitter](#) and [first chapter meeting minutes](#)

[eCampusOntario](#): A not-for-profit corporation, is funded by the Government of Ontario to be a centre of excellence in online and technology-enabled learning for all publicly-funded colleges and universities in Ontario.

[Flexible Learning for Open Education \(FLOE\)](#): Led by the [Inclusive Design Research Centre](#) and applies [Inclusive Design](#) to open learning, FLOE supports learners, educators and curriculum producers in achieving one-size-fits-one learning design for the full diversity of learners, leveraging the variants made possible by [Open Education Resources](#) (OER).

[GCshare](#): Developed by the Research, Design and Accessibility team at the [Canada School of Public Service](#) in partnership with [eCampusOntario](#), GCshare is a content sharing and discovery platform for open educational resources (OERs) initiated by the Government of Canada with the goal of supporting learning professionals in creating quality learning experiences.

[Manitoba Open Textbook Initiative](#): On September 11, 2015, Manitoba's Minister of Education and Advanced Learning [the Manitoba Open Textbook Initiative with the goal of making higher education more accessible by reducing students costs through the use of openly licensed textbooks in Manitoba](#).

[OER + ScholComm](#): An IMLS-funded collaboration to research the ideal components of and to develop a corpus of open educational resources (OER) that supports formal and continuing education preparing librarians to work in and advocate for change in the scholarly communication landscape.

[Open Government \(Canada\)](#): Is about making government more accessible to everyone. Participate in conversations, find data and digital records in the [open portal](#), attend conferences, and learn about the [Open Government licence](#) (very similar to the Creative Commons licence).

[Open/Technology in Education Society and Scholarship Association \(OTESSA\)](#): Supports and shares new knowledge from both academic and professional research and innovation in practice as it pertains to the application of technology and openness across K12, post-secondary, and other relevant sectors where learning and knowledge sharing are required.

United States

[Achieving the Dream \(ATD\)](#): A non-governmental U.S. network of community colleges looking to transform education and help students through knowledge sharing, innovative solutions and effective practices and policies.

[Affordable Learning Georgia](#): A USG initiative to promote student success by supporting the implementation of affordable alternatives to expensive commercial textbooks, particularly [Open Educational Resources](#) (OER) and open textbooks such as [OpenStax Textbooks](#), which are both free and customizable for exactly what a faculty member would like to teach within their courses. We also encourage the use of electronic resources made available through GALILEO.

[Apereo](#): A vibrant and value-driven organization with a noteworthy history celebrating two strong organizations, the Sakai Foundation and Jasig. The incubation process – helps software communities on the path to sustainable innovation – benefits both projects, in terms of structured support in their early stages, and adopters, in terms of clarity around the steps young projects have taken to guarantee Intellectual Property Rights, and build a sustaining community.

[Building Open Infrastructure at CUNY](#): This project presents reflections by CUNY Graduate Center faculty, staff, and students on ongoing work on open educational resources and open pedagogy. These projects have been supported by the [Teaching and Learning Center](#) and [GC Digital Initiatives](#)

[Community College Consortium for Open Educational Resource \(CCCOER\)](#): A growing consortium of community and technical colleges committed to expanding access to education and increasing student success through adoption of open educational policy, practices, and resources.

[Creative Commons](#): With a network of staff, board, and affiliates around the world, Creative Commons provides free, easy-to-use copyright licenses to make a simple and standardized way to give the public permission to share and use your creative work—on conditions of your choice. This is the [Creative Commons Style Guide 2019](#).

[DigiTex](#) (Digital Higher Education Consortium of Texas): Statewide initiatives and opportunities in OER.

[Driving OER Sustainability for Student Success \(DOERS3\)](#): We position member organizations to realize the promise of high-quality, accessible, and sustainable OER implementations to achieve equity and student success at scale.

[Hewlett Foundation, Open Education](#): Since its support for open educational resources (OER) began in 2002, the foundation's goal has always been to equalize access to knowledge by making high quality educational materials and opportunities more broadly available.

[Institute for the Study of Knowledge Management in Education \(ISKME\)](#): An independent, education non-profit established in 2002, whose mission is to improve the practice of continuous learning, collaboration, and change in the education sector. Based in Silicon Valley's Half Moon Bay, California, ISKME supports innovative teaching and learning practices throughout the globe, and is well-known for its pioneering open education initiatives.

Libraries as Leaders: [Librarians as Open Education Leaders](#)

[Lumen Learning](#): A for-profit company that works with over 250 colleges and universities across the U.S. to provide sustainable, effective course materials (OER) that improve learning.

- [Lumen Circles](#)

[Michelson 20MM](#) (originally Twenty Million Minds Foundation): Originally formed in 2010 to tackle a broken textbook publishing model controlled by five major textbook publishers, it is now dedicated to supporting and investing in entrepreneurs, technologies, and higher learning initiatives that seek to transform lives.

- [Zero Textbook Cost \(California\)](#)

[National Science Digital Library \(NSDL\)](#): Provides high quality online educational resources for teaching and learning, emphasis on the sciences, technology, engineering, and mathematics (STEM) disciplines. Most resources in the library adhere to principles of OER access, although some resources are restricted to provider site membership, or may have a cost associated with them (indicated in the full record of the resource).

[NROC Project](#): Creates open educational resources (OER) designed to broaden learners' access to high-quality educational opportunities.

[OER Metadata Group](#): Establishing OER metadata standards for discovery calling all technical services librarians and OER search engine administrators.

[Office of Educational Technology \(Open Education\)](#): A U.S. government department that creates an open education ecosystem that involves making learning materials, data, and educational opportunities available without restrictions imposed by copyright laws, access barriers, or exclusive proprietary systems that lack interoperability and limit the free exchange of information.

[Open Education Network](#): Helps higher education institutions and systems in the U.S. advance the use of open textbooks and practices on their campuses and maintains the [Open Textbook Library](#), the premiere resource for peer-reviewed academic textbooks.

[Open Oregon](#): Promotes textbook affordability for Oregon's community college and university students, and facilitates widespread adoption of open, low-cost, high-quality materials.

[Open RN](#): The Open RN project is funded by a \$2.5 million dollar grant from the Department of Education to create 5 OER Nursing Textbooks with 25 associated Virtual Reality scenarios.

[Open Source Initiative \(OSI\)](#): OSI was formed in 1998 as an educational, advocacy, and stewardship organization for open software source code.

[Open Textbooks Pilot Project](#) (US Department of Education): The Open Textbooks Pilot program supports projects at institutions of higher education that create new open textbooks or expand their use of open textbooks while maintaining or improving instruction and student learning outcomes.

[Open SUNY](#) and [Open SUNY Textbooks](#): Open SUNY (The State University of New York) is an initiative in which programs for 64 SUNY institutions offer a suite of supports and services—including OER—at no additional cost.

[Open Textbook Alliance](#): A network of U.S. college student government leaders who are bringing open textbooks to their campuses.

[Open Washington](#): State Board for Community and Technical Colleges (SBCTC) launched this site in 2014; it is an open educational resources network for Washington State Community and Technical College (WA CTC) faculty.

[OpenStax](#): A nonprofit educational initiative based at Rice University that publishes high-quality, peer-reviewed, and openly-licensed post-secondary textbooks. Also see information about its [National Student Internship Program](#).

[Regional Leaders of Open Education Initiative](#): Launched in fall 2019, the Regional Leadership for Open Education (RLOE) initiative was motivated by CCCOER leaders' growing need to collaborate across institutional and state boundaries to find solutions for issues impacting OER adoption at diverse, large multi-institution systems. They also made [several presentations](#) (with [slides](#)) at the OpenEd 2020 Virtual conference.

[SPARC \(Scholarly Publishing & Access Resources Coalition\)](#): Works to enable open sharing of research and educational materials to democratize access to knowledge, accelerate discovery, and increase the return on our investment in research and education.

[Student PIRGs \(Affordable Education\)](#): The Student Public Interest Research Group (PIRG) works with staff at colleges and universities to ensure students have the skills, opportunities and training they need to create a better, more sustainable future through issues such as affordable education, climate change, public health, democracy, and more.

Northern Hemisphere

[Budapest Open Access Initiative](#): In response to the growing demand to make research free and available to anyone with a computer and an internet connection, a diverse coalition has issued [new guidelines](#) that could usher in huge advances in the sciences, medicine, and health.

[Centrum Cyfrowe](#): Making the world more inclusive, more cooperative and more open by changing the way people learn, participate in culture, use the internet and exercise their rights as internet users.

[The Commonwealth Education Hub: Open Educational Resources \(OER\) Policy Brief](#)

[Confederation of Open Access Repositories \(COAR\)](#): An international association that brings together individual repositories and repository networks in order to build capacity, align policies and practices, and act as a global voice for the repository community.

[European Distance and E-Learning Network \(EDEN\)](#): Shares knowledge and improves understanding amongst professionals in distance and e-learning and to promote policy and practice across the whole of Europe and beyond.

[FabSchools](#): A set of activities embedded in the EU Creative Europe Distributed Design Platform. It's a research process aimed at identifying, cataloguing, testing, and deploying educational distributed design proposals of lessons and products.

[Global Open Data for Agriculture and Nutrition \(GODAN\)](#): A network of over 900 government, universities, foundations, and private organizations around the world with the aim of raising awareness of the call for making agricultural and nutrition data open. It supports the proactive sharing of open data to make information about agriculture and nutrition available, accessible and usable to deal with the urgent challenge of ensuring world food security.

[Global Open Initiative \(GOI\)](#): Located in Accra, Ghana, GOI is a not-for-profit organization made up of a dedicated group of open advocates who are striving to solve social problems that confront our communities such as challenges in public services delivery, transparency and democratic control, and availability of educational resources.

[Karisma](#): Promotes human rights in the digital world, and is the affiliated entity that supports the Colombian chapter of Creative Commons.

[Knowledge 4 All Foundation](#): A distributed institute based in London (UK), with two main streams of activities, on one side pioneering Machine Learning methods of pattern analysis, statistical modeling, and computational learning and on the other transform these into technologies for large scale applications in Open Education.

[Knowledge Exchange](#): A European partnership to improve services for higher education and research. Current focus areas are [Open Scholarship](#) – promoting openness and reuse of data on a European level; and [Open Access](#) – supporting the growth of OA and ensure it is sustainable in the long term.

[Knowledge Unlatched \(Berlin\)](#): Makes scholarly content freely available to everyone and contributes to the further development of the Open Access (OA) infrastructure. Our online marketplace provides libraries and institutions worldwide with a central place to support OA collections and models from leading publishing houses and new OA initiatives. With their support we transition monographs and journals in a wide variety of disciplines from paywalled to Open Access content.

[National Forum, Open Education](#): In light of the growing development of open education policies and practices across Europe and internationally, as well as the increasing urgency of supporting Irish higher

education staff and students in an increasingly networked society, the National Forum Strategy 2019-21 includes a specific focus on supporting open education principles, practices and policies in Irish higher education. The National Forum recognises that this requires both support for individual open practice as well as a commitment to openness at programme, institutional and national levels.

[OER Hub](#): Researching open education.

[Open Education Passport \(OEPASS\)](#): Improving the portability and recognition of open learning.

[Open Knowledge Foundation](#): A global, not-for-profit organization campaigning and working on technology, training, policy, and research in open knowledge and open data.

[Open.Ed](#): From the University of Edinburgh, Open.Ed supports the University's vision, purpose and values with OER including a repository.

[OpenMed](#): Raises awareness and facilitated the adoption of Open Educational Resources (OER) and Open Educational Practices (OEP) in the South-Mediterranean countries, with a particular focus on higher education in Egypt, Jordan, Morocco and Palestine.

[Open Scotland](#): Open Scotland is a voluntary cross sector initiative that aims to raise awareness of open education, encourage the sharing of open educational resources, and explore the potential of open policy and practice to benefit all sectors of Scottish education. Open Scotland is supported by the [University of Edinburgh](#) and the [ALT Scotland SIG](#).

[The Open University](#)

[OPERAS](#) (Open Access in the European Research Area through Scholarly Communication): Coordinate and pool university-led scholarly communication activities in Europe in the Social Sciences and Humanities (SSH), in view of enabling Open Science as the standard practice.

[Polish Coalition for Open Education](#): An institutional partner of [Creative Commons Poland](#), founding member of the [Communia Association](#), founding member of the [Polish Coalition for Open Education](#) and member of the [Copyright for Creativity](#) coalition.

[ReOPEN](#) (Recognition of Valid and Open Learning): Aims to create instruments to develop validated OOL for recognition of prior and non-formal learning.

[SURF](#) (Dutch) [Open Educational Resources Roadmaps](#): Making learning materials accessible to everyone. That is our ambition. SURF wants to join forces with educational institutions to stimulate the sharing and reuse of OER. Be inspired by instructors who experiment with the use of OER and share their experiences.

[Year of Open](#): A global focus on open processes, systems, and tools, created through collaborative approaches, that enhance our education, businesses, governments, and organizations.

Southern Hemisphere

[African Virtual University \(AVU\)](#): A Pan African Intergovernmental Organization established by charter with the mandate of significantly increasing access to quality higher education and training through the innovative use of information communication technologies.

[Australian Open Textbook Project](#): This project builds on American research showing that equity students benefit most from free textbooks similar to the benefits of scholarships/financial aid – by lifting grades and course progress rates. This study replicates the UK national scoping study with equity-focussed additions, using a social justice frame-work to test the potential within the Australian context in terms of redistributive (economic), recognitive and representational justice.

[New Zealand: Government departments using Creative Commons.](#)

[OER Africa](#): An initiative of Saide, established in 2008 with support from the William and Flora Hewlett Foundation, to collaborate with higher education institutions in Africa in the development and use of Open Educational Resources (OER), to enhance teaching and learning.

[Open Saide](#): Making available *Saide's* Open Educational **Resources**, on-line professional development **open courses**, and **software** tools for the education market free to use, adapt, repurpose and share.

[ROER4D \(Research on Open Education Resources for Development\)](#): Investigates ways and under what circumstances the adoption of open educational resources (OER) can address the increasing demand for accessible, relevant, high-quality and affordable education in the Global South.

Global

[Commonwealth of Learning \(COL\)](#): As one of its initiatives, COL promotes the open schooling model across the Commonwealth.

[FOSTER](#): FOSTER Plus (Fostering the practical implementation of Open Science in Horizon 2020 and beyond) is a 2-year, EU-funded project, carried out by 11 partners across 6 countries. The primary aim is to contribute to a real and lasting shift in the behaviour of European researchers to ensure that Open Science (OS) becomes the norm.

[GO-GN](#): The Global OER Graduate Network (GO-GN) is a network of PhD candidates around the world whose research projects include a focus on open education (i.e. OER, OEP, MOOC). These doctoral researchers are at the core of the network; around them, over two hundred experts, supervisors, mentors and interested parties connect to form a community of practice.

[Initiative for Open Citations](#): A collaboration between scholarly publishers, researchers, and other interested parties to promote the unrestricted availability of scholarly citation data.

[International Council for Open and Distance Education \(ICDE\)](#): Leading global membership organization for online, open and flexible education and draws its membership from institutions, educational authorities, commercial actors, and individuals.

[International Development Research Centre \(IDRC | CRDI\)](#): Supports research in developing countries to create real and lasting change. This knowledge can be used as a tool for addressing pressing global challenges. [Open access policy](#).

[OER & Textbook Affordability Initiatives](#): This document was originally assembled as background and reference materials for a University Academic Senate Task Force on Open Educational Resources and Affordable Course Materials, at Grand Valley State University (Allendale, Michigan).

[OERu](#): Connects learners around the world with defined pathways to education, created by recognised educators and assessed by renowned global institutions. The learning is free and credentialing is very affordable.

[On the Commons](#): A commons movement strategy center founded in 2001. Through our efforts, we help build and bring visibility to the commons movement; initiate and catalyze commons work; develop and encourage commons leadership. [We believe](#) it is possible to foster a commons-based society, which refers to a shift away from our market-based system, through new, collaborative [ways of working](#).

[OneHE](#): Equity Unbound has teamed up with OneHE to develop some open educational resources for online community-building.

[Open Education for a Better World](#): The programme enrolls mentees from all over the world to, under a guidance of internationally recognized mentors, develop and implement OERs based on the UN Sustainable Development Goals. The process is person focused, led by the mentee and supported by the mentor through dialogue. Mentee owns the process and takes the main responsibility for defining his/her needs for gaining from the mentoring relationship what is intended.

[Open Education Global](#) (previously Open Education Consortium): A non-profit, global, members-based network of open education institutions and organizations. OE Global represents its members and provides advocacy and leadership around advancement of open education globally.

- OE Global: [Strategic Plan 2021-2030](#)
- [OEG Job Opportunity](#)

[Open Education Group](#): An interdisciplinary research group that conducts research on the impact of OER adoption on a range of educational outcomes and designs and shares methodological and conceptual frameworks for studying the impact of OER adoption.

[Open Education Working Group](#) (from Open Knowledge International): Brings people together to promote Open Educational Practices and Open Educational Resources, as well as Open Policies, Open Science and Open Data in education to initiate global cross-sector and cross-domain activity that encompasses the various facets of open education.

[Open Knowledge International](#): A global non-profit organisation focused on realising open data's value to society by helping civil society groups access and use data to take action on social problems. There is a [Network of countries](#) participating.

[Open Logic Project](#): A collection of teaching materials on mathematical logic aimed at a non-

mathematical audience, intended for use in advanced logic courses as taught in many philosophy departments. It is open-source: you can download the LaTeX code. It is open: you're free to change it whichever way you like, and share your changes. It is collaborative: a team of people is working on it, using the GitHub platform, and we welcome contributions and feedback.

[The Open Organization](#): A community-driven project leading a global conversation about the ways open principles change how people work, manage, and lead. Our community members generate knowledge and share strategies for building organizational cultures on principles like transparency, adaptability, collaboration, inclusivity, and community.

[Team Open](#): Creative Commons is a nonprofit organization that enables the sharing and use of creativity and knowledge through free legal tools. Team Open is a project to collect and share stories of the power of Creative Commons licenses.

[Year of Open](#): A global focus on open processes, systems, and tools, created through collaborative approaches, that enhance our education, businesses, governments, and organizations.

Appendix B: Conferences, Training, and Awards

Ideas about virtual conferences: [A framework for the future of conferences](#) and [The Post-Covid future of virtual conferences](#).

Conferences

Last update: Jan 11/22

- [BCcampus Open Education](#)
 - [Cascadia Open Education Summit](#)
 - Festival of Learning (late spring)
- [Creative Commons Summit](#) (late spring)
- [LINQ \(Learning Innovations and Quality\)](#) – 2019
- OE Global Summits (late fall)
 - [OE Global Summit \(2020\)](#), [\(2019\)](#), [\(2018\)](#), [\(2017\)](#), [\(2016\)](#), [\(2015\)](#), [\(2014\)](#)
- [OE4BW \(Open Education for a Better World\)](#)
- [#OERcamp \(Germany\)](#)
- [OER Conference](#) (spring): organized by the UK's Association for Learning Technology (ALT)
- [OERxDomains Conference](#) (spring)
- [Open Access Week](#) (fall)
- [Open Con](#) (spring)
- [Open Education Conference](#) (fall)
- [Open Education Conference](#) (fall) – OLD version, discontinued 2019
- [Open Education Policy Forum](#) (fall)
- [Open Education Week](#) (spring)
- [Open Publishing Fest](#)

Related Conferences

- [ABC Copyright](#) (late spring)

- [Library Publishing Forum](#) (late spring)
- [Textbook Affordability Conference](#) (spring)

Training

- [Creative Commons \(CC\) Certificates](#)
 - General
 - CC Certificate for Educators & CC Certificate for Librarians
 - CC Certificate for GLAM (galleries, libraries, archives and museums)
- [Certificate in OER Librarianship](#)

Awards

- [OE Awards for Excellence](#)
 - [Open Education Awards for Excellence Book](#)
- [Open Publishing Awards](#)

Appendix C: Frameworks, Tools, Resources

Last update: Oct 27/23

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FRAMEWORKS

CARE Framework

[Toward a sustainable OER ecosystem: The case for OER stewardship](#) – March 4, 2018 (Lisa Petrides, Douglas Levin, and C. Edward Watson)

Copyright Network Platform

Brings together experts in copyright law and policy to push for policy, legislative, and regulatory change in copyright at the international and national levels that upholds the public interest, as well as enriches and protects the public domain. For details on the Platform's goals, principles, objectives, and rationale, click [here](#)

Effective Teaching and Higher Ed (draft)

[Draft Framework for Effective Teaching and Higher Ed](#) by J. Gregory McVerry

Good Actors List

Guidelines for [Publishers and other entities who want to be “good actors in the Open Education Community.”](#)

Open Education Platform

The Open Education Platform brings together a global open education community (1000+ members from 75+ countries) to support and facilitate multinational, collaborative open education content, practices, and policy activities. For details on the Platform’s goals, principles, and objectives, click [here](#).

Open GLAM Network Platform

The Open GLAM (galleries, libraries, archives, and museums) Platform is working to provide a space to share resources, enhance collaboration, and raise awareness on open access to digital cultural heritage. The plan includes the publication of the *Declaration on Open Access for Cultural Heritage* and a White Paper that informs the *Declaration*.

RISE (Resource, Inspection, Selection, Enhancement)

Bodily, R., Nyland, R., Wiley, D. (2017). [The RISE Framework: Using learning analytics to automatically identify open educational resources for continuous improvement](#). *IRRODL*, 18(2).

The 5 Rs

[The access compromise and the 5th R](#) – March 5, 2014 (David Wiley)

[Commercial Platforms that Utilize OER Assessment Tool](#)

OER REMIX: The Game [[print version](#)] and [[online version](#)]

[Open Source Apps for Educators](#)

UNESCO OER Recommendation

[Draft text – April 18, 2018](#)

[Final text – October 8, 2019](#)

TOOLS and RESOURCES

Access codes/assessment platforms

- [Automated Billing: Student Perspective](#)
- [Commercial Platforms that Utilize OER Assessment Tool](#)
- [The Evolution of Affordable Content Efforts in the Higher Education Environment: Programs, Case Studies, and Examples](#)
- [Inclusive Access](#): A community-driven initiative to raise awareness of the facts about automatic textbook billing

Accessibility

Also see Equity, Diversity, Inclusion (EDI) and UDL

- [Accessibility Case Studies for Scholarly Communication Librarians and Practitioners](#)
- [Accessibility Hub](#) (Niagara College)
- [Canadian Digital Security Accessibility Handbook](#)
- [DIY Accessibility Checking](#)
- [An Editing Interface to Support the Publication of Accessible Education Resources](#) (Research and projects of Inclusive Design Graduate students at OCAD University) – this blog is not openly-licensed
- [How to Create Inclusive and Accessible OER](#) video – October 16, 2019 for CARL (Josie Gray, BCcampus)
- [The Intersection of Accessibility and Open Education Resources](#) (Open Oregon)
- [Nova Scotia Post-Secondary Accessibility Framework](#) (Council of Nova Scotia University Presidents) – June 2020
- [OER Accessibility Evaluation Rubric \(Affordable Learning Georgia\)](#)
- [STEM OER Accessibility Framework](#) (ISKME, SERC)
- [Supporting Students with Disabilities in BC Postsecondary](#) course
- [Universal Design for Learning \(UDL\) for Inclusion, Diversity, Equity, and Accessibility \(IDEA\)](#) (eCampus Ontario)

Adoption

- [Creating an OER roadmap \(CCCOER\)](#)
- [Roadmap to OER adoption \(CCCOER\)](#)
- [OER Adoption Impact Calculator \(Lumen Learning \)](#)

- [Student-Centered Course Material Adoption: Best Practices](#) (Open Oregon)
- [Textbook Affordability Plans](#) (Open Oregon)

Advocacy

- [OER: A field guide for academic librarians. Editors cut.](#)
- [OER advocacy plan worksheet](#) (SPARC)
- [Open Education Benefits, Version 2](#) (An ENOEL Toolkit)

Affordability

- [Affordable Course Content Comparison Table](#)

Assessment

- [Commercial platforms that utilize OER assessment tool](#) (Google Sheet, Abbey Elder)
- [EDCI 702: Curriculum, Instruction, and Assessment](#)
- [On Assessment: An Exploration of Emerging Approaches](#)

Attributions and citations

- [Open Attribution Builder](#)

Authoring, editing, creating, and publishing

- [Assignment Calculators](#) (treat book writing like an assignment)
- [CuboCube](#)
- [Copy editing – from an anti-oppressive perspective \(workshop slides\)](#)
- [Editoria](#)
 - [What is Editoria? An Orientation \(video\)](#)
- [Exploring the Value of Canada's library Publishers](#)
- [Guidelines for Ethical Editing of Student Texts](#)
- [Library Publishing Competencies](#) (Library Publishing Coalition)
- [Library Publishing Directory](#) (Library Publishing Coalition)
- [Markdown Converter: Publishing OER in Markdown](#)
- [Open Author](#)
- [Open Journal Systems](#)

- [Open Research Europe](#)
- [Open Scholars Press](#)
- [Open textbook publishing guide](#) (Open UBC)
- [OPUS](#) – KPU’s open publishing suite
- [The Rebus Guide to Publishing Open Textbooks \(So Far\)](#)
- [Ryerson Open Moments](#)
- [Science Open](#)
- [Templates \(Pressbooks\)](#) for faculty to import front and back matter (Open UBC)
- [Time estimates](#) for tasks in the OER creation workflow (Open UBC)
- [Tools for Creating OER: Selecting appropriate Technologies](#) (U. Regina)
- [Wayback Machine: Save Page Now](#)

Case studies

- [ZTC California case studies \(CCCOER\)](#)
- [ZTC case studies \(CCCOER\)](#)

Certification

- [Creative Commons Certificate](#)
- [Mural of Open: Advanced certificate in innovation and open education](#)
- [OTN Certificate in OER Librarianship](#)

Collections and repositories

- See [General Collections](#) in the [OER by Discipline Directory](#)

Competency

- [Open Competency Models](#)

Conference planning

- [Open Conference Systems](#)

Contracts

- [Author Agreements \(MOUs\) and Contracts](#) (U Minnesota)

- [MOU for Students and Faculty](#) (Rebus)
- [Student Release of Course Materials for Public Availability](#) (Open Oregon)

Also see [Contracts and Agreements](#) in the *Self-Publishing Guide*.

Copyright and open licences; public domain

[Creative Commons: License Chooser](#)

- [BC Commons License](#)
- [CASE Act](#) (U.S.)
 - Copyright Claims Board: [main web site](#), [FAQ](#), [Library and Archive Opt Out List](#)
 - [Case Act Toolkit](#)
- [Code of Best Practices in Fair Use for Open Educational Resources: A Guide for Authors, Adapters & Adopters of Openly Licensed Teaching and Learning Materials](#) and [commentary by Stephen Downes \(Feb 2, 2021\)](#)
- [Copyright in a crisis guidelines](#) (Open Oregon)
- [Copyright Network Platform \(CC\)](#)
- [Copyright term and Canada's public domain](#)
- [Cost vs. licence](#): see chart in blog
- [Creative Commons: Statement of Enforcement Principles](#)
- [Do No Harm License](#) (GitHub)
- [Downloadable simple guides to copyright law](#)
- [Hippocratic License 3.0 \(HL3\): An Ethical License for Open Source Communities](#)
- [Licence OpenEdition](#)
- [Marking Works Technical](#)
- [Marking your work with a CC license](#)
- [Ontario Commons License](#)
- [Ontario Commons License – No Derivatives](#)
- [Opening Up Copyright Instructional Modules](#) (University of Alberta Libraries)
- [Remixing Open Sources with Conflicting Licenses](#) (Open Oregon)

- [The National Forum Open Licensing Toolkit](#)
- [The Ultimate Guide to Copyright, Fair Use, and Creative Commons for Educators](#) (The Edublogger)
- [Understanding Rights Reversion](#) (regaining copyright from a publisher) by the Authors Alliance

Slide decks

- [Clearing the weeds: Copyright and licensing with OER](#) (Maricopa)
- [Copyright and CC licenses 101](#) (Ethan Senack, Creative Commons)
- [Creative Commons, the 5Rs, and OER](#) (David Wiley, Lumen Learning)
- [Introduction to Canadian Copyright and Open Licensing for OER](#) (Amanda Wakaruk, University of Alberta)
- [OER for law forum](#) (Cable Green, Creative Commons)

Course mapping/tracking

- [Blank course map template](#) (Carrie Gits, [Austin Community College](#))
- [Course Mapping Companion Kit](#)

Course markings (OER or ZTC)

- [Course schedule marking survey \(maintained by OpenStax\)](#)
- [Course catalog designators: Administrative guide](#) (Affordable Learning Georgia)
- [Implementation Guide of OER and Low-Cost Labeling Policies](#) (Washington Community and Technical Colleges)
- [Marking open and affordable courses: Best practices and case studies](#)
- [Material Costs in the Schedule FAQ](#) (Portland Community College)
- [Toolkit for OER course markings](#) (University of Texas Arlington Libraries)

Course redesign with OER

- [Articulation, Curriculum, and Open Educational Resources](#) (Academic Senate for California Community Colleges)
- [Fit for Online Learning: Your Handbook to Teaching Online](#) (Open Education Alberta)
- [Redesigning your course](#) (OpenOregon)
- [Tips when planning an online course](#) (BCcampus)

Creative Commons

- ***Also see Licences***
- [Creative Commons: An Educator's Course Guide to Creative Commons](#)
- [Creative Commons Certificate](#)

Directories

- [Connect OER](#)
- [OER by Discipline Directory](#)
- [PNW OER Directory](#)
- [Wikiversity](#) (see [OER adoptions](#))

See [Support Resources/Directories](#) in the [BC Open Textbook Collection](#).

Equity, diversity, inclusion (EDI)

- [Antirascim Toolkit for Black, Indigenous, and People of Color](#) (C4DISC)
- [Diversity Inclusion as a Leadership Strategy](#) template
- [Equity and Open Education Faculty Cohort course](#) (Open Oregon)
- [The Equity Through OER Rubric](#) (DOERS3)
- [Guidelines on Inclusive Language and Images in Scholarly Communication](#) (C4DISC)
- [Inclusion, Diversity, Equity, and Anti-Racism \(IDEA\) in Open Publishing](#)
- [Inclusive Language Guide](#) (EDUCAUSE)
- [Leveraging Open Educational Resources to Advance Diversity, Equity, and Inclusion: A Guide for Campus Change Agents](#) (AAC&U)
- [Making Ripples: A Guidebook to Challenge Status Quo in OER Creation](#) (Rebus)
- [The OER Equity Blueprint Case Studies](#)
 - Affordable Learning Georgia and Accessibility
 - BCCampus and Accessibility
 - Ohio State University's Racial Justice Grant Program to Increase Diverse Voices in Course Materials
- [Online Equity Rubric](#) (Peralta Community College District)
- [Remixing Open Textbooks through an Equity Lens](#) (ROTEL)

- [Teachers as Content & Knowledge Creators: Understanding Creative Commons, OER, and Visual Literacy to Empower Diverse Voices](#)
- [Tool for Identifying Bias in Sources](#)
- [Universal Design for Learning \(UDL\) for Inclusion, Diversity, Equity, and Accessibility \(IDEA\)](#) (eCampus Ontario)

Exams/proctoring/assessments

- [edx proctoring \(on GitHub\)](#); [instructions for using edx proctoring](#)
- [Open Assessments](#)
- [Safe Exam](#)

FAQ examples

- [Open Education FAQ](#) (CARL/ABRC)
- [Welcome to the OER FAQ](#) (Open Oregon)
 - [Library-DIY](#) (GitHub)

Fellowships

- [OER Research Fellows](#)

Fonts

- [SIL Open Font License](#)

Grants for OER

Evaluation rubrics

- [Alternative Textbook Grant – Scoring Rubric](#) (University of Oklahoma)
- [Continuous Improvement Grants Proposal Evaluation Rubric](#) (Affordable Learning Georgia)
- [Grants Proposal Evaluation Rubric](#) (Affordable Learning Georgia)
- [Grant Proposal Scoring Rubric](#)
- [OER Grant Program Scoring Rubric](#) (Iowa State University)

Proposal examples

- [Affordable Learning Georgia](#)
- [BCcampus Open Education](#)

- [British Columbia Institute of Technology](#)
- [ISU Example OER Mini-Grant Documents](#)
- [Kwantlen Polytechnic University](#)
- [Maryland Open Source Textbook \(MOST\) Initiative High-impact OER Mini-Grant Program Guide](#)
- [Open Oregon](#)
- [Portland State University](#)
- [Simon Fraser University](#)
- [Thompson Rivers University](#)
- [University of British Columbia](#)
- [University of Northern British Columbia](#)

Time release/reassignment

- [Blog: OER adoption incentives: reassigned time vs. stipends](#)

Hiring

See Positions and job descriptions

Homework systems including H5P

- [H5P](#)
- [The H5P PB Kitchen](#)
- [The H5P OER Hub](#)
- [Lumi](#): Creative, edit and view interactive content
- [Revise and remix with H5P](#) (MERLOT/Skills Commons/H5P)
- [WeBWork](#)
 - [Accessibility Guide](#)

Identity and access management

- [Keycloak](#)

International students

- [How KPU Can Positively Impact International Students](#) (from Kwantlen Polytechnic University)

- [Getting to Know Your International Students](#)

Introduction to OER

- [OER 101](#)
- [OER Activities for Workshops, the Classroom and for Self-study](#)
- [OER and Online Learning: Faculty Quick-Start Guide](#)
- OER Cards (Open SUNY)
 - [Answer Cards](#)
 - [Question Cards](#)
- [OER Champion Playbook](#)
- [Open Education Challenge Series](#) (BCcampus)
- [Open Education Handbook](#)
- [Open Educational Resources](#) (American Library Association)
- [Open Educational Resources: Basics & Beyond](#) (Online Consortium of Oklahoma Press)
- [Texas Learn OER](#)
- [The Art of Serious Game Design: A hands-on workshop for developing educational games: Facilitator guide](#)
- [The OER Starter Kit](#)
- [OER Toolkit](#)

Learning Management Systems (LMS)

- [Canvas by Instructure](#); on [GitHub](#)
- [Django for Everybody \(DJ4E\)](#)
- [Moodle](#)
- [MyOpenMath](#)
- [PostgreSQL](#)
- [Python for Everybody \(PY4E\)](#)
- [Sakai](#)
- [Web Applications for Everybody \(WA4E\)](#)

How to embed OER in an LMS

- [How to Use the OER Commons LTI Tool](#)

Libraries/librarians

- [Accessibility Case Studies for Scholarly Communication Librarians and Practitioners](#)
- [ACRL/CJCLS OER Librarian Toolkit](#)
- [Affordable course materials: Electronic textbooks and open educational resources \(An ALCTS Monograph\)](#) – (American Library Association)
- [Got a minute? Instruction tune-up for time pressed librarians](#)
- [Librarians as Open Education Leaders: Responsibilities and Possibilities](#)
- [Library Publishing Competencies](#) (Library Publishing Coalition)
- [Library Publishing Directory](#) (Library Publishing Coalition)
- [OER: A field guide for academic librarians. Editors cut.](#)
- [OER + ScholComm](#)
- [OER Toolkit](#) (College Libraries Ontario)
- [Open education: Librarian tool box](#) (Virginia Tech)
- [Open Educational Resources](#) (American Library Association)
- [OTN Certificate in OER Librarianship](#)

Licences

- [Apache licences](#)
- [BC Commons Licence](#)
- [Creative Commons licences](#)
- [GNU licences](#)
- [OER-QMS licence](#)
- [Open Digital Rights Language \(ODRL\) editors and licences](#)
- [Pixabay licence](#)
- [Responsible AI Licenses](#)
- [SIL Open Font License](#)

Licences – choosing

- [Choose an open source license](#)
- [Creative Commons: choose a licence](#)
- [Open Attribution Builder](#)
- [Open Source Initiative](#)

Maps

- [OER World Map](#)
- [OpenStax textbooks adoptions map](#)

Metadata for OER

- [OER Metadata Rosetta Stone](#) (OER Discovery Working Group)

Miscellaneous

- [All Aboard: Digital Skills in Higher Education](#)
- [Helpful Resources \(CCCOER\)](#)
- [JupyterLab](#): web-based interactive development environment for Jupyter notebooks, code, and data (open source)
- [OER Toolkit](#) (College Libraries Ontario)
- [Open MRS](#): open source medical record system platform
- [Open Syllabus Explorer](#)
- [SPEC Kit 351: Affordable Course Content and Open Educational Resources \(July 2016\)](#)

Monographs

- [COPIM: Community-led Open Publication Infrastructures for Monographs](#)
- [Open Monograph Press](#)

OER evaluation/review

- [Administrator Checklist for Evaluating Course Materials](#) (Open Oregon)
- [Faculty Checklist for Evaluating Course Materials](#) (Open Oregon)
- [OER Accessibility Evaluation Rubric \(Affordable Learning Georgia\)](#)
- [OER Pros/Cons and Evaluation Methods](#) (University of the Pacific)
- [OER Review Standards and Approval Rubric: United States Edition](#)
- [Open textbooks review criteria – rubric](#) (Open Education Network)
- [Student Checklist for Evaluating Course Materials](#) (Open Oregon)
- [Textbook Evaluation Toolkit \(CUNY\)](#)

OER sharing/tracking

- [OER content sharing template](#) (Abbey Elder, [Iowa State University](#))

Also see Course mapping/tracking

Open development

- [Critical Perspectives on Open Development: Empirical Interrogation of Theory Construction](#)

Open access vs. OER

- [Differentiating between open access and open educational resources, v 1.1](#) (Virginia Tech)
- [How open is it?](#) (PLOS)

OEP/pedagogy

- [Practical Guidelines on Open Education for Academics: Modernising higher education via open educational practices](#)
- [Evolving into the open: A framework for collaborative design of renewable assignments](#) (chapter in [Open Pedagogy Approaches](#))
- [Your Discomfort Is Valid: Big Feelings and Open Pedagogy](#) (Open Oregon)
- Examples of OEP assignments:
 - [Building an open textbook: book outline and instructions on how to write a section](#) (Butte College)
 - [Writing content for an open textbook](#) (Butte College)
- [Opening Knowledge Practices \(OKP\) Learning Experience Bingo 2.0](#) (Nate Angell)
- [Open Pedagogy](#) (JIBC)
- [Open Pedagogy Community of Practice](#) (University of Alberta)
- [Open Pedagogy & Student Discomfort](#) (Open Oregon)

Open science

- [Roadmap for open science](#) (Canadian government)
- [Science Open](#)

Policy, strategy, guides

- [Advice: Strategic planning teams \(Open Oregon\)](#)
- [Guidelines on the development of open educational resources policies](#) (UNESCO, Commonwealth of Learning)
- [Institutional OER Policies: Literature Review and Environmental Assessment](#) (Canadian Association of Research Libraries)
- [OER Policy Registry](#)
- [OER State Legislative Guide / OER State Policy Playbook \(U.S.\)](#)
- [OER State Policy Tracker \(U.S.\)](#)
- [OER Strategic Planning Intro/Best Practices \(Open Oregon\)](#)
- [Open Educational Resources Policy \(The University of Edinburgh\)](#)
- [Open Educational Resources Strategic Framework \(University of Wisconsin-Madison\)](#)
- [Open Education Resources Task Force Report \(Penn State\)](#)
- Open Oregon: [Strategic Planning Templates](#)
- Open Oregon: [OER policy brainstorm – DRAFT](#)
- [OUSA Interim Policy Paper: Open Educational Resources](#)
- [Policies and Procedures: Use of open educational resources \(Tidewater Community College\)](#)
- [Policy and Open Educational Resources in Hawaii, the Story of SB 2328](#)
- [ROARMAP \(Registry of Open Access Repository Mandates and Policies\)](#)
- [SAIT Open Education Strategic Plan, 2018-2021](#)
- [SPARC: List of North American OER Policies & Projects](#)
- [UNESCO recommendation on open educational resources](#)
- [WSU Open Education Resources \(OER\) Policy](#)
- [Z-Degrees \(ZTC\) in Oregon](#)
- [ZTC Style Guide Packet](#) (College of the Canyons)

Positions and job descriptions

- [Champions & coordinators \(Affordable Learning Georgia\)](#)
- [Hiring an OER Specialist](#) (course)
- [Open education position descriptions \(for job postings\)](#)
- [Open Education Resource Project Manager \(Pierce College\)](#)
- [Provost's Open Education Resource Fellowship](#)

Roles and competencies (Open Educators)

- [RLOE: Professionalism of the Open Educator](#)

Presentations

- [Presenter Toolkit: Creating and Facilitating an Accessible Presentation](#)

Professional development funding

- [Application for OER Professional Development Funding \(example\)](#)
- [OER Funding Amounts and Types](#)

Programs

- [Institutional Partner Program \(OpenStax\)](#)
- [Open Education Leadership Program \(SPARC\)](#)

Promotion

- [Promoting OER summer action plan checklist](#)

Publishing

- See [Authoring, editing, and publishing](#)

Reporters/reporting/media

- [Reporter Guide: Open Educational Resources](#)
- [Social Press Kit: OER](#)

Research network

- [Science Open](#)

Search for OER

- [Common Crawl](#)
- [Creative Commons Search](#)
- [Open Education Tagger](#)

Software

- [CC Open Source](#)

Sprints (textbook, ancillary/supplemental resources, other)

- [Sprint Toolkit](#) (UBC)
- [BookSprints](#)
- [Book sprint](#)
- [Guide to OER sprinting](#)
- [Open pedagogy at the Open Textbook Sprint](#)
- [Post-textbook sprint: BC in a Global Context](#)
- [September 2019 OER sprint releases – English Composition and UH Microeconomics](#)

Students

- Advocacy: [Student Advocates](#)
 - [The Student OER Advocacy Training Guide: A deeper look into developing sustainable, inclusive internship practices](#)
- [Open Licenses for Students:](#)
 - Attributions step by step
 - Citations vs. attributions
 - Open licenses step by step
 - Openly licensing your work
 - Student release of course materials for public availability
- [Student Government Resource Center](#)
- [Student textbook tales](#) videos
- [Student Watch](#): student buying behaviours for course materials, etc. (not openly-licensed)

Support resources

- [NECC Student Guide to Open Educational Resources](#) (Massachusetts)
- [OER Student Advocate Toolkit](#) (California)
- [OER Student Toolkit](#) (BCcampus)
- [Student Government Toolkit](#) (Open Textbook Alliance)
- [Textbook Affordability Student Toolkit](#) (Open Oregon)

Supplemental materials

- [OpenStax Tech Scout](#)

Surveys

FORMS

- [California OER Council Adoption Survey](#) Appendix E
- [UTA CARES Student Survey](#)
- [ZTC student experience survey](#)

RESULTS

- [CUNY: ZTC student survey](#)
- [OER Research Hub: attitudes, perceptions of OER/OEP, and impact on teaching and learning](#)

Sustainability

- [But is it sustainable?](#) (Open Oregon)
- [DOERS3 \(Driving OER Sustainability for Student Success\)](#)
- [RLOE Sustainability Guide](#): from [Regional Leaders of Open Education Initiative \(RLOE\)](#)
- [SUNY OER Sustainability](#)
 - [OER Sustainability Self Assessment Tool](#)
- [The Tidewater Z-Degree and the INTRO Model for Sustaining OER Adoption](#)
- [Toward a sustainable OER ecosystem: The case for OER stewardship](#)

Syllabus search and sharing

- [Open Syllabus Explorer](#)

Teaching Online

- [Conferencing Tools for Teaching & Learning: Best practices](#)

Technology

- [Open EdTech Global 2019: Barcelona Blueprint](#)

Tenure and promotion

- [OER in Tenure and Promotion](#) (DOERS3) by Amanda Coolidge, Andrew McKinney, and Deepak Shenoy
- [Practitioner Perspectives: The DOERS3 Collaborative on OER in Tenure and Promotion](#)
 - Also published by BCcampus News: [Practitioner Perspectives: The DOERS3 Collaborative on OER in Tenure and Promotion](#)

Tenure examples

CANADA

- University of British Columbia: [Tenure, Promotion & Reappointment for Faculty Members](#) (See pages 16, 19, and 48: Contributions to the practice and theory of teaching and learning literature, including publications in peer-reviewed and professional journals, conference publications, book chapters, textbooks and *open education repositories / resources*.)

UNITED STATES

- Grand Valley State University (Michigan): [Faculty Responsibilities in the Area of Scholarly/Creative Activity](#) (tenure/promotion accommodate OER, specifically: “Open-access trade/text books, if quality has been established through an appropriate disciplinary process.”)

Theses/dissertations

- [Open Access Theses and Dissertations](#) (See Advanced Search Options to search for papers with a CC licence.)

Training

- [ACC Learn OER](#)
- [Creative Commons Certificate](#)
- [OTN Certificate in OER Librarianship](#)
- [Ryerson Open Moments](#)
- [Tutorial 1: Finding free and open resources](#) (Affordable Learning Georgia)
- [Tutorial 2: Finding free and open resources](#) (Affordable Learning Georgia)

Transcription/Translation tools

- [From the Page](#)
- [Scribe](#)
- [Scripto](#)

Universal Design for Learning (UDL)

Also see Accessibility

- [The Inclusive Classroom: Open educational resources \(SNOW\)](#)
- [UDL on Campus](#)
- [Universal Design for Learning \(UDL\) for Inclusion, Diversity, Equity, and Accessibility \(IDEA\)](#)
- [Universal Design for Learning: A Practical Guide](#)

Videos

- [Creative Commons Video Bumpers](#)
- [Opencast Video Solution](#): Free, open source video capture, distribution and management system for academic institutions.

Zero Textbook Cost (ZTC) programs

- [Overview](#) (Florida Virtual Campus)

Appendix D: Recordings of Conferences, Podcasts, Webinars, Videos

Appendix table of contents

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[Online presenting and production](#)

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- Creative Commons/open-copyright licences
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- Open education
- Open educational resources (OER) and open textbooks
- Open pedagogy
- Policy (open education)
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- Universal Design Learning (UDL)
- Zero Textbook Cost (ZTC)

Online presenting and production

Accessibility

- [Accessibility of Remote Meetings \(W3C\)](#)

Podcasts

- [A Guide to Academic Podcasting](#)

Presenting

- [Conferencing Tools for Teaching & Learning: Best practices](#)
- [Presenter Toolkit: Creating and Facilitating an Accessible Presentation](#)

Pressbooks

- [Empowering Students with Pressbooks](#) (Washington State ELearning Council)
- [Tutorials and Updates](#) (Pressbooks.com)

Video production

- [Videos](#)

Virtual conferences

- [A framework for the future of conferences](#)
- [Navigating the virtual open education conferences](#)
- [The Post-Covid future of virtual conferences](#)

Conference recordings

2020

- [Creative Commons Lightning Talks](#), December 7, 2020
- Creative Commons Global Summit 2020, October 19-23, 2020 (virtual)
 - [Keynotes](#)
- [ETUG Fall Workshop 2020](#), November 2, 2020 (virtual)
- [OE Global Conference 2020](#), November 16-20, 2020 (virtual)
- [Open Education Conference 2020](#), November 9-13, 2020 (virtual)

2021

- [Cascadia Open Education Summit](#), April 27-29, 2021 (virtual)
- [Creative Commons Global Summit 2021](#), September 20-24, 2021 (virtual)
 - [Keynotes](#)
- [OE Global Conference 2021](#), September 27-October 1, 2021 (virtual). [Guide to conference](#).
- [Open Education Network \(OEN\) Summit 2021](#), June 14-18, 2021 (virtual)
- [Open Education Conference 2021, Oct 18-22, 2021 \(virtual\)](#)
 - EdTech Factotum: [Notes on selected sessions](#)

2022

- [Open Education Week](#), March 7-11, 2020
 - BCcampus ([Making OER Count: Incorporating OER into the Tenure and Promotion Process](#); [The Launch of B.C.'s ABE ZTC Project](#); [How It Started/How It's Going: 10 Years of Open Textbooks in B.C.](#); [Discovering Open Education Through Work-Integrated Learning](#))
 - [CCCOER/OE Global](#)
 - [Creative Commons](#)
 - [LibreTexts](#)

Webinar recordings catalogues

- [BCcampus webinars \(Events Archive\)](#)
- [CCCOER webinars](#)

Recordings by discipline

Adult Basic Education (ABE)

- [Adult Basic Education OER Showcase](#) (BCcampus)

Biology

- [Biology textbook video series](#) (Camosun)
- [iBiology](#)

History

- [Post-confederation Canadian history, interviews](#) (TRU, Open Learning)
- [Pre-confederation Canadian history, interviews](#) (TRU, Open Learning)

Nursing

- [Airway Medication Administration](#)
- [IV Medication Administration](#)
- [Newborn Bath Demonstration](#)
- [Post Operative Head To Toe Assessment](#)
- [Pediatric Post Surgical Assessment](#)
- [Post Partum Assessment](#)

Trades

- [OER for Trades: Basic Motor Controls series](#) (BCcampus)
- [OER for Trades: Math for Trades series](#) (BCcampus)
- [Open Trades: Institutional Collaboration](#) (Camosun)
- [Trade Access Common Core series](#) (Camosun)

Recordings by topic

Accessibility

See UDL (Universal Design Learning)

- [Accessible and Universal Design for Learning OER](#) (BCcampus)
 - slides, speaking notes and links mentioned in presentation included
- [Improve the accessibility of your online course](#) (BCcampus)
- [How to create inclusive and accessible OER](#) (CARL/ABRC webinar)
- [How to make education more accessible](#) (UBC)
- [How to make open content accessible](#) (UBC)

Adoptions, collecting student savings data

- [Collecting and Reporting Student Savings Data for OER Program Managers](#) (Abbey Elder, Iowa State University)

Copyright, Fair Dealing, Fair Use

- [Best Practices for OER in Canada: A Fresh Look at Fair Dealing for Educational Use](#) (Open Education Week) – February 23, 2022
- [Code of Best Practices in Fair Use/Fair Dealing for OER: Webinar and Workshop](#) (Association of Research Libraries) – April 19, 2021
- [Introduction to Canadian Copyright and Open Licensing for OER](#) (CARL/ABRC webinar) – December 10, 2019
- [Opening Up Copyright Instructional Modules](#) (University of Alberta Libraries) –

Courses

- [Improve the accessibility of your online course](#) (BCcampus)
- [How to do open courses](#) (UBC)
- [Leveraging the Magical Documentation Site Generator Docsify for Open Courses and Publishing](#) (ETUG Spring Workshop 2021)

Creative Commons/open-copyright licences

- [Commonscreative-creativecommons](#) (VIU)
- [Creative Commons licenses for non-profit organizations](#) (BCcampus)

- [Creative Commons licensing offline work walkthrough](#) (VIU)
- [Introduction to Canadian Copyright and Open Licensing for OER](#) (CARL/ABRC webinar)
- [Introduction to Open Educational Resources \(OER\) and Open Licensing](#) (National Forum for the Enhancement of Teaching and Learning in Higher Education, Dublin, Ireland)

Faculty experiences

- [Faculty describe their experiences with using open textbooks](#) (KPU)
- [Open education with Chad Flinn](#) (BCIT)
- [What instructors say about open textbooks](#) (BCcampus)

General

- [A look at the BC Open Textbook Project](#) (BCcampus)
- [Conference addresses the past, present and future of open education](#) (UBC)
- [Creative Commons – a variety of subjects released with a CC licence](#) (University of Edinburgh)
- [Embedding empathy into open learning](#) (UBC)
- [Extending learning beyond classroom walls](#) (UBC)
- [How to engage the general public](#) (UBC)
- [OER Support Models](#) (CARL/ABRC webinar)
- [OERu: Meeting of anchor partners](#) (TRU, Open Learning)
- [Open But Not Free: Invisible Labour in Open Scholarship](#) (BCOEL)
- [OpenStax Creator Fest](#)
- [Podcasts Created For and By Higher Education Professionals](#)

Indigenous

- [Decolonizing the Course](#) (CCCOER)

Labour creating OER

- [Defining the invisible labour of OER \(webinar: audio & chat transcripts\)](#) – April 29, 2019 (Rebus Community)

Leadership

- How Can We Successfully Collaborate to Advance National Capacity for OER in Canada?

(CARL/ABRC webinar) – [English](#) and [French](#)

- [Regional Leadership of Open Education \(RLOE\) Phase 2 video](#) and [slides](#) – March 2, 2021 (CCCOER)

Libraries

- [Supporting Open Education Practices from the Library](#) (CARL/ABRC webinar)

Open education

- [Why open education matters](#) (Langara)
- [Why open education matters](#) (VIU)
- [Beyond OER: The Promises, Pitfalls and Potential of Open Education \(Robin DeRosa\)](#) (Langara webinar)

Open educational resources (OER) and open textbooks

- [A review of the effectiveness and perceptions of open educational resources as compared to textbook](#) (RRU)
- [Beyond Pedagogies – Open access and open education resources](#) (UBC podcast)
- [Clint Lalonde and Jessie Key Open Textbooks](#) (presentation)
- [How to rethink textbooks](#) (UBC)
- [How to use open tools and resources for problem sets](#) (UBC)
- [An introduction to open educational resources](#) (Abbey Elder, Iowa State University)
- [OER discoverability and sharing](#) (CARL/ABRC)
- [ONGOING: Revise, Remix Redesign](#) (Kristina Ishmael)
- [Tracking Key Program Indicators \(KPIs\) for OER](#) (CCCOER)
- [What are open educational resources?](#) (KPU)
- [What are open textbooks?](#) (KPU)
- [2019 Open educational resources panel](#) (UBC)

Open pedagogy

- [Authentic student participation: Information literacies in open pedagogy](#) (BCcampus/UBC)
- [Culture Shift to Academic Freedom](#) (CCCOER)
- [Expanding the role of the textbook to support open pedagogy](#) (ETUG Spring Workshop 2021)
- [How to engage and support students in open pedagogies](#) (UBC)

- [How to practice responsible pedagogy](#) (UBC)
- [How to use social pedagogies and the web as an educator](#) (UBC)
- [Open pedagogy](#) (KPU)
- [Using wiki pages to advance student-created knowledge](#) (UBC)

Policy (Open Education)

- [Open education policies in the U.S. and Canada: Trends and opportunities](#) (SPARC)

Pressbooks

- [How to Navigate a Pressbook](#) (KPU)
- [Pressbooks Support in B.C. Post-Secondaries: A Conversation – May 27, 2021](#) (BCOEL)
 - [Chat recorded during conversation](#)
 - Pressbooks and publishing resources mentioned during conversation:
 - BCcampus' [Pressbooks Guide](#)
 - BCcampus' [Pressbooks tutorial video Series](#)
 - Open UBC's [time estimates](#) for tasks in the OER creation workflow
 - Open UBC's [open textbook publishing guide](#)
 - Open UBC's [Pressbook template](#) for faculty to import front and back matter
 - [OPUS](#) – KPU's open publishing suite
- [Pressbooks Tutorials series](#) (BCcampus)
- Pressbooks Training [webinar records and slides](#) (BCcampus)

Publishing

- [Leveraging the Magical Documentation Site Generator Docsify for Open Courses and Publishing](#) (ETUG Spring Workshop 2021)

Social justice

- [Open Knowledge Spectrums Podcast: Exploring epistemic justice in open education](#) (Josie Gray)

Students

- [How to engage with a new generation of learners](#) (UBC)

- [How to make teaching more student-centered](#) (UBC)
- [Open textbooks: A Student perspective](#) (Langara)
- [Student textbook tales](#) (ISU Libraries)
- [Why use open textbooks? Benefits for students](#) (BCcampus)

Universal Design Learning (UDL)

- [UDL in 15 Minutes with Carolee Clyne](#)

Zero Textbook Cost (ZTC)

- [Zero Textbook Cost Initiative \(KPU\)](#)

Appendix E: COVID-19 News and Updates

Also see [Teaching and Learning Online – Help and Resources](#) in the *OER by Discipline Directory*.

Education

British Columbia

- [A Look at the BCcampus COVID-19 Website: A Robust Resource](#)
- [BCcampus COVID-19 update](#)
- [B.C. Post-Secondary Education System News \(BCCAT\)](#)
- [Business as Un-usual: Planning for Fall 2021](#)
- [The faculty experience during a pandemic: Survey results](#) (August 24, 2020, BCcampus News)
- [FIPPA and online learning during the COVID-19 pandemic \(Office of the Information & Privacy Commissioner for British Columbia\)](#)
- [Post secondary town hall with Dr. Bonnie Henry](#)

Canada

- [Fall 2020 CdnPSE Enrolment](#) (Eduvation)
- [Re-opening colleges and universities: Fall semester plans](#) (Sept 1/20, CAUT)
- [Strategic Plans](#) (Eduvation)
- [An early look at Fall 2020 in Canadian postsecondary](#)
- [Announcements about Fall](#)
- [CICan \(Colleges & Institutes Canada\) response to COVID-19](#)
- [COVID19 & Enrolment](#)
- [COVID-19 Campus Data](#)
- [Online learning and Covid-19: Internet coverage in Canada](#) (April 28, 2020)
- [Stats Canada: Impacts of the COVID-19 pandemic on postsecondary students](#) (May 12/20)
- [The contrast in college- and university-bound international students' plans](#)

- [Why international students passed on online](#)

Healthcare

British Columbia

- [BC Centre for Disease Control](#)
- [British Columbia COVID-19 Dashboard](#)
- [Healthlink BC](#)
- [Here2Talk \(British Columbia\)](#)

Canada

- [Government of Canada Public Health Agency](#)

Global

- [World Health Organization](#)
- [Extraordinary stories of open and online in the COVID-19 era](#)
- [UNESCO's response to the coronavirus crisis offers multilateral solutions](#)

Miscellaneous

- [Ep. 41: The pandemic's impact on open educational resources \(OER\)](#) (Inside Higher Ed) – March 23, 2021
- [Farewell print textbook reserves: A COVID-19 change to embrace](#) – January 14, 2021 (Educase)
- [Copyright limits and learning: Lessons from the COVID-19 quarantine](#)
- [Educating \(and Being a Human\) During a Pandemic](#)
- [Education in times of crisis and beyond: Maximizing copyright flexibilities](#)
- [Higher ed support & guidance during COVID-19: Teaching, learning & student support](#)
- [Meaningful questions to ask about online education amid COVID-19](#)
- [Open in a time of crisis](#)
- [Openness and COVID-19](#)
- [Resilience Network: Resources](#)
- [SPARC crafts language in response to COVID-19 publisher offers](#)

- [The Plague Diaries: Firsthand Accounts of Epidemics, 430 B.C. to A.D. 1918](#)
- [Understanding OER in a context that necessitates remote learning](#)
- [What \(some\) students are saying about the switch to remote teaching and learning](#)

Research

- [Open Praxis Vol 13, No 1 \(2021\)](#)

Twitter

#oer4covid

Last update: May 14/21

Bibliography

Michael Grueling cited in “‘I Will Survive’ Teaching Online” by Colleen Flaherty, *Inside Higher Education*, March 17, 2020. https://www.insidehighered.com/quicktakes/2020/03/17/%E2%80%99i-will-survive%E2%80%99-teaching-online?utm_source=Academica+Top+Ten&utm_campaign=28d021b0fb-EMAIL_CAMPAIGN_2020_03_17_07_27&utm_medium=email&utm_term=0_b4928536cf-28d021b0fb-51529649

Versioning History

This page lists major changes to this directory with each marked with a 0.01 increase in the version number. Because new information is continuously added to this directory, content updates do not appear on this page. Instead, a “Last update” textbox is posted at the top of each chapter. Additional files (e.g., PDF, ePub) are provided upon request made to [BCCampus Support](#).

Version	Date	Change
1.00	January 30, 2019	Directory added to the B.C. Open Textbook Collection.
1.01	May 6, 2019	Changed title of “Research” section to “Research and Reports.”
1.02	June 28, 2019	Theme changed from Open Textbook to Clarke.
1.03	Oct 28, 2020	Changed “ancillary resources” labels to “supplementary materials” throughout directory.
1.04	Oct 31, 2023	Updated cover image.