

Open Education Alberta: Creating with Pressbooks

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Open Education Librarian

Libraries and Cultural Resources, UCalgary
Block Week, January 2023



We would like to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (comprising the Siksika, Piikani, and Kainai First Nations), as well as the Tsuut'ina First Nation, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Wesley First Nations). The City of Calgary is also home to Métis Nation of Alberta, Region 3.



Learning Outcomes

By the end of this session, attendees will be able to...

1. Understand to use the Open Education Alberta publishing service
2. Consider how they can use the service to create openly licensed teaching and learning materials
3. Identify supports for creating open educational resources at UCalgary.

Agenda

- About the Open Education Alberta (OEA) Publishing Service
- Getting Started
- Examples of OER in Pressbooks
- Walk Through Pressbooks
- OER Supports at UCalgary

About Open Education Alberta

- Grassroots collaborative, no-fee publishing service for open educational resources (OER) created in Alberta
- Educators from partnered post-secondary institutions across Alberta may use this service.
- Formally launched in 2020, has 12 partners and growing
- Uses Pressbooks software, based on WordPress
- Hosted by the University of Alberta Library
- OER types you may create include open textbooks, toolkits, guides, and more.
 - Book-like structure



What are Open Educational Resources (OER)?

Open Educational Resources (OER) are:

Learning, teaching and research materials in any format and medium that reside in the public domain or are under copyright that have been released under an open license, that permit no-cost access, re-use, re-purpose, adaptation and redistribution by others.

- [UNESCO, 2021](#)

Learn more about OER in Guide: <https://libguides.ucalgary.ca/guides/OER>

- OER Handout: <https://bit.ly/oerhandoutuc>

Learn more about open licensing in Guide: <https://libguides.ucalgary.ca/guides/copyrightopen>

Using this Service: Steps for Getting Started

1. Request a consultation to use service
 - a. Email oyer@ucalgary.ca
 - b. Use the [Pressbooks Account Request Form](#)
2. Complete and submit [Memorandum of Understanding](#)
 - a. Details responsibilities of both parties.
3. Request for account and book creation sent to UAlberta Library
4. Book will be created
5. Training and support provided as needed

<https://libguides.ucalgary.ca/guides/oeapressbooks>

OER projects and Pressbooks: Tools and Services

- [Open Education Alberta Guide](#)
- [OER Creation Resources](#), OEA Guide
- [Pressbooks User Guide](#)
- Ongoing training and support
- DOI minting
- Archiving and discovery
- Statistics

[University of Calgary](#) / [Library](#) / [Research Guides](#) / [Open Education Alberta, Pressbooks Service](#) / [OER Creation Resources](#)

Open Education Alberta, Pressbooks Service

Open Education Alberta is a collaborative, no-fee publishing service for open textbooks and other book-like open educational resources available to educators at UCalgary. Open Education Alberta is a Pressbooks instance hosted by the University of Alberta

[About Open Education Alberta](#)[Using the Pressbooks Platform](#)[OER Creation Resources](#)[Contact Us](#)

Resources for OER Adaptation and Creation Projects

- [Alberta OER: The Starter Kit](#)

Open educational resources (OERs) are a broad and diverse category. This may make the prospect of adopting or creating an OER daunting - leaving many instructors unsure of where they should start. This toolkit will provide you with some considerations before you start using OERs in your classroom, in addition to strategies, practices, and web resources.

- [BCcampus Open Education Accessibility Toolkit, 2nd edition](#)

- [BCcampus Open Education Adaptation Guide: A guide to adapting or revising an open textbook](#)

The BCcampus Open Education Adaptation Guide is a practical guide about how to customize — or adapt — an open textbook so that it better fits your needs in the classroom and elsewhere. This guide defines the term adaptation and discusses reasons for revising a book, why this is possible with an open textbook, and the challenges involved.

- [BCcampus Open Education Self-Publishing Guide](#)

- [Open UBC Open Textbook Publishing Guide](#)

- [UBC Sharing Guide for OER](#)

- [Best practices for sharing and preserving your Open Educational Resource \(OER\) at UCalgary](#)

Funding for OER Adaptation and Creation Projects

Taylor Institute Teaching and Learning Grants and Scholars Program

This grants program has a stream of funding for OER projects, funded by the Students' Union Quality Money Fund.

Use the general grant application to apply and specify OER where applicable.

★ 2022-2023 Grant applications are open, closing January 16, 2023

Read more at <https://taylorinstitute.ucalgary.ca/grants>



Features in Pressbooks

- Editing WYSIWYG interface: WordPress visual and text HTML editor
- Different roles & permissions available (administrator, editor, author, etc.)
- Glossary
- Textboxes and tables
- Multi-media enrichment: audio, video, graphics, simulations
- Mathematical notations: [QuickLaTex](#)
- Social annotation: [Hypothes.is](#)
 - Options for public, private groups (course discussion, editorial review), and personal notes and highlighting
- Interactive elements: [H5P](#)

Learn more in the [Pressbooks User Guide](https://guide.pressbooks.com/) (<https://guide.pressbooks.com/>)

H5P Activity Options



Accordion

Create vertically stacked expandable items



Advent Calendar (b...

Create an advent calendar



Agamotto

Create a sequence of images that gradually



AR Scavenger

Augmented reality fun!



Arithmetic Quiz

Create time-based arithmetic quizzes



Image Hotspots

Create an image with multiple info hotspots



Image Juxtaposition

Create interactive images



Image pairing

Drag and drop image matching game



Image Sequencing

Place images in the correct order



Image Slider

Easily create an image Slider



Audio Recorder

Create an audio recording



Chart

Quickly generate bar and pie charts



Collage

Create a collage of multiple images



Column

Column layout for H5P Content



Cornell Notes

Take notes using the Cornell system



Impressive Present...

Create a slideshow with parallax effects



Interactive Book

Create courses, books or tests



KewAr Code

Create QR codes for different purposes



Mark the Words

Create a task where users highlight words



Memory Game

Create the classic image pairing game



Crossword

Create a crossword puzzle



Dialog Cards

Create text-based turning cards



Dictation

Create a dictation with instant feedback



Documentation Tool

Create a form wizard with text export



Drag and Drop

Create drag and drop tasks with images



Multiple Choice

Create flexible multiple choice questions



Personality Quiz

Create personality quizzes



Questionnaire

Create a questionnaire to receive feedback



Quiz (Question Set)

Create a sequence of various question types



Single Choice Set

Create questions with one correct answer



Drag the Words

Create text-based drag and drop tasks



Essay

Create essay with instant feedback



Fill in the Blanks

Create a task with missing words in a text



Find Multiple Hots...

Create many hotspots for users to find



Find the Hotspot

Create image hotspot for users to find



Sort the Paragraphs

Create a set of paragraphs to be sorted



Speak the Words

Answer a question using your voice



Speak the Words Set

A series of questions answered by speech



Structure Strip

Interactive structure strip



Summary

Create tasks with a list of statements



Find the words

Grid word search game



Flashcards

Create stylish and modern flashcards



Guess the Answer

Create an image with a question and answer



Iframe Embedder

Embed from a url or a set of files



Image Choice

Create a task where the alternatives are images



Course Presentation

Create a presentation with interactive slides



Branching Scenario

Create dilemmas and self paced learning

Hypothes.is

- Resources:

- [Hypothes.is Help](#)
- [To get started,](#)
<https://web.hypothes.is/start/>

Get started.

1

Sign up to annotate.

You need a free account to start annotating.

CREATE A FREE ACCOUNT

2

Add Hypothesis to your browser.

Install our Chrome extension or add the **bookmarklet** to your preferred browser.

Click the button below to install the Hypothesis extension from the Chrome Web Store.

CHROME EXTENSION

For any browser, drag this button to the bookmarks bar, or right-click/control-click to bookmark the link.

HYPOTHESIS BOOKMARKLET

3

Start annotating.

Go to any page (or open a PDF in your browser), select text, and annotate.

Hypothes.is

The screenshot displays the Hypothes.is interface. At the top left is the 'open education ALBERTA' logo. A navigation bar includes 'Home', 'Read', and 'Sign in'. A dark blue banner contains the text: 'Want to create or adapt books like this? [Learn more](#) about how'. Below this is a dark grey bar with 'CONTENTS' and a dropdown arrow on the left, and 'OPEN ED ALBERTA SANDBOX' in the center. The main content area shows a yellow-highlighted text block: 'This is where you can add appendices or other back matter.' On the right, an 'Annotations' sidebar is open, showing a public annotation by 'seadams1' from '4 mins ago'. The annotation text reads: 'This is where you can add appendices or other back matter.' Below the text is a 'newTag' input field. At the bottom of the annotation box are icons for editing, deleting, undoing, and redoing. The sidebar also has tabs for 'Annotations 1' and 'Page Notes'.

Note: Annotations can be public or private, Highlighting is private

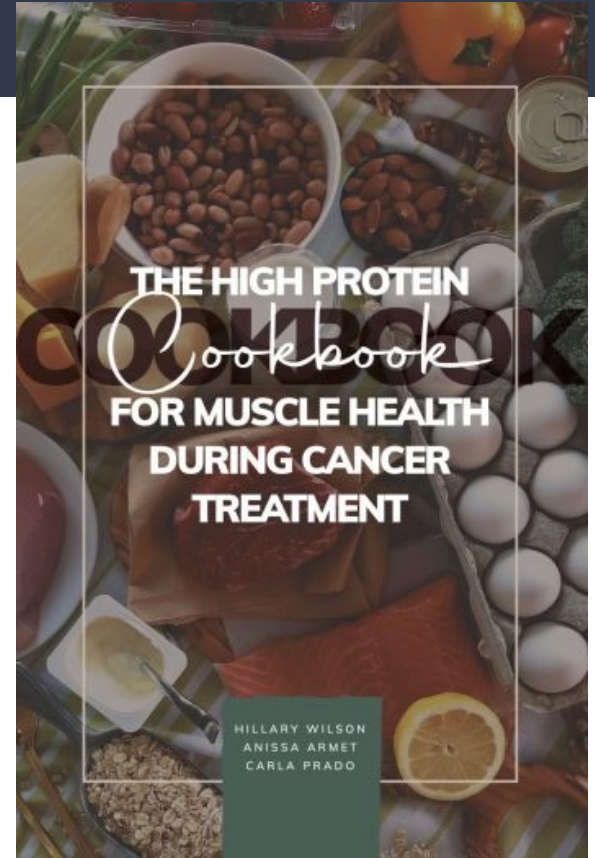
Award Winning Example

The High Protein Cookbook for Muscle Health During Cancer Treatment won the Gourmand World Cookbook Awards 2022

- Translated versions are in progress

[University of Alberta OER Cookbook wins Gourmand Award! Blog Post](#)

<https://openeducationalberta.ca/proteincookbookforcancer/>





Examples of OER in Pressbooks

- [OER by Discipline Guide](#)
- [A Practical Guide to Introductory Geology](#) lab manual
- [Liberated Learners](#) program (OEGlobal Winner 2022, Best OER)
- [Canadian History: Post-Confederation, 2nd Ed.](#) open textbook
- See more examples:
 - [Open Education Alberta catalog](#)
 - [Pressbooks Directory](#)
 - [Curated collections](#)

Pressbooks Walk Through

PB

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Open Ed Alberta Sandbox

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Appendix

Need Help?

Consult the [Pressbooks User Guide](#).

Watch tutorials on the [Pressbooks YouTube channel](#).

Attend a [live training webinar](#).

Participate in the [community forum](#).

For additional support, contact your network manager at library.publishing@ualberta.ca.

Users

pressbookadmin - Administrator

oeatest1 - Administrator

oeatest2 - Administrator

oeatest3 - Administrator

oeatest4 - Administrator

oeatest5 - Administrator

7 total users: 6 administrators and 1 subscriber.

[Add](#) | [Organize](#)

Pressbooks announcements

Pressbooks Community Favorites: 2022

It's December. With the year's end comes reflection: what have we accomplished during this latest orbit around the sun? What has been the impact of our work? At Pressbooks, we [...]

Our favorite Pressbooks books of 2022

As 2022 comes to a close, we're taking a moment to look back at a year gone by. One of our goals for the past year was to give publishers [...]

Doing more with less: How Pressbooks stays productive with a four-day work week

At Pressbooks, we believe in building a great culture, and that starts with building a healthy team. To improve our already good work-life balance, we decided to test out the [...]

Hello, oeatest5

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OER by Discipline Guide: University of Calgary

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[Department of Cell Biology & Anatomy](#)

[Department of Microbiology, Immunology & Infectious Diseases](#)

[Department of Physiology and Pharmacology](#)

[Department of Medicine \(Clinical\)](#)

[Department of Anesthesiology, Perioperative and Pain Medicine \(Clinical\)](#)

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[Department of Neurosciences \(Clinical\)](#)

[Department of Obstetrics and Gynaecology \(Clinical\)](#)

[Department of Oncology \(Clinical\)](#)

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Users



Sarah Adams - Administrator



OER Supports at Libraries and Cultural Resources

- [OER Research Guide](#)
- [Copyright and Open Licensing Guide](#)
- [Open Course Materials Matching Service \(OCoMMS\)](#)
- [OER by Discipline Guide: UCalgary](#)
- [Support for OER adoption and creation projects](#)
- [Taylor Institute OER Workshop Series](#)
- Using or created an OER? Let us know using the [self-reporting form](#)
- Open Educational Practices Community of Practice, contact Sarah Adams (sarah.adams1@ucalgary.ca) to join

Contact

- Questions or request a consult: uer@ucalgary.ca
- Sarah Adams: sarah.adams1@ucalgary.ca
- Contact your subject librarian.

