Open Educational Resources 101

Nov 8, 2018

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University of Alaska Southeast
uas.alaska.edu/library/oer

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Overview

- Introductions
- Open Educational Resources & Practices
- Key Terms
- Why Use OER?
- OER @ UAS
- Textbook Speed-Dating (Think-Pair-Share Activity)
- Finding OER (Activity)
- Available for consultations today and tomorrow
- OER Brown Bag Friday 11:30-1
How familiar are you with OER?

About me

- I am a poet, librarian and father of two boys who, like me, are hyper-curious (so working in education is a good fit for me).

- I am excited about OPEN EDUCATION particularly in the context of equity, I’m not necessarily excited about TEXTBOOKS but understand their role in learning.

- Though people at UAS turn to me with questions about Open Educational Resources and Open Education, I’m still getting up to speed myself in this emerging area.
Introductions

- Who are you?
- What subjects do you teach?
- What do you hope to get out of this workshop?
Key Terms

- Open Educational Resources (OER)
- Open Textbooks
- Creative Commons
- Open Access
- Textbook Alternatives or Free-to-student course materials (licensed by campus libraries)
What are Open Educational Resources?
Open What?

Resources/Content

Courses

Practices/Pedagogy

Adapted from Christina Hendricks - CC-BY - http://blogs.ubc.ca/chendricks/2018/04/11/oep-mt-royal-uni/
Open Educational Resources (OERs) are any type of educational materials that are in the public domain or introduced with an open license. The nature of these open materials means that anyone can legally and freely copy, use, adapt and re-share them. OERs range from textbooks to curricula, syllabi, lecture notes, assignments, tests, projects, audio, video and animation.”

- UNESCO
OER - Examples

edX, open courses, edx.org

Visualizing Japan (1850s-1930s): Westernization, Protest, Modernity
A MITx/HarvardX collaboration, this course explores Japan's transition into the modern world through the historical visual record.

Perspectives, open textbook
perspectives.americananthro.org

Open Pedagogy Notebook, open practices
openpedagogy.org

OER Commons, curated OER collections, oercommons.org
Why Use OER?

- Adaptable
-Sharable
- “Free”
Adaptable

- Minor to major changes
- Combine with existing materials
  - Photographs
  - Music
  - Assignments
  - Textbooks

OER Attribution Information

<table>
<thead>
<tr>
<th>Chapter 1</th>
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<tr>
<td>Parts of the Introduction  &quot;African Virtual University&quot; by John T. Phiri is licensed under CC BY 2.5</td>
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<td>Throughout Chapter: &quot;Psy 200 Lifespan Psychology&quot; by Laura Overstreet is licensed under CC BY 3.0</td>
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<td>Parts of Theorists and Research Methods: &quot;Introduction to Psychology [Adapted from Charles Stangor, Introduction to Psychology]&quot; by Martha Lally and Suzanne Valentine-French is licensed under CC BY 3.0 / A derivative from the original work</td>
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<td>Parts of Parenting: &quot;The Developing Parent&quot; by NOHA is licensed under CC BY 3.0</td>
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<td>Theory of Mind: &quot;Theory of Mind&quot; by NOHA is licensed under CC BY 4.0</td>
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Sample attribution page acknowledging various openly licensed content sources from Lifespan Development by By Martha Lally and Suzanne Valentine-French licensed CC BY NC SA.
Sharable

- Students, other educators, and public
- Repositories
- Open websites

“Free”

- Replace expensive commercial texts
- Funding to create these comes from:
  - Governments (US: NY, OR, WA + CA: SK, AB, BC)
  - Foundations (Hewlett, Gates)
  - Institutions (including “in-kind”)
- UAS Academic Innovation Fund, Digital Fellows Funds
Open Textbooks

- Faculty or Instructor written*
- Often peer-reviewed
- Adaptable
- Available for many large first year courses +
- May have low-cost print options

* may have student contributions.
## Open How?

<table>
<thead>
<tr>
<th>Cost</th>
<th>License</th>
<th>Technical</th>
<th>Accessibility</th>
<th>Participation/Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free or Minimal cost</td>
<td>Reuse as is or Revisable</td>
<td>Tools &amp; tech skills needed to revise/reuse</td>
<td>Universal Design for Learning</td>
<td>Beyond this individual course</td>
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Adapted from Christina Hendricks - CC-BY -
# Creative Commons

## More Permissions

<table>
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<th>License</th>
<th>Description</th>
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<tbody>
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<td>CC0 is a public domain license. It means that no attribution or credit for the original author is needed. You can adapt it any way you wish and even use it commercially.</td>
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<tr>
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## Less Permissions

CC-BY eCampusOntario
“Copyright v Creative Commons” by @bryanMMathers is licenced under CC-BY-ND
Open Access

“Open-access (OA) literature is digital, online, free of charge, and free of most copyright and licensing restrictions. What makes it possible is the internet and the consent of the author or copyright-holder.”

“In most fields, scholarly journals do not pay authors, who can therefore consent to OA without losing revenue. In this respect scholars and scientists are very differently situated from most musicians and movie-makers, and controversies about OA to music and movies do not carry over to research literature.”

- Peter Suber
http://legacy.earlham.edu/~peters/fos/brief.htm/
Textbook Alternatives

- While not necessarily free (library purchases) or open access (can't be remixed), these materials are free to students, available electronically on day 1 and can be easily shared with students via syllabi or course websites.
- Library licensed e-content (ebooks, articles, video)
Why Ditch the Textbook?

At UAS we want to make our courses accessible to all students. One way to do that is to consider the costs of the textbooks and other course materials you use.

Egan Library offers support to help you discover, use or even develop and publish your own open educational resources.

- Choose a textbook or articles where the library already offers free digital access. Place the item on ‘e-reserve‘ and then link to the item on your Blackboard site or include a link in your syllabus.
- Choose an existing OER.
- Work with us to develop and publish an OER for your course(s)
The Problem with Textbooks

Students spend an average of $1,200 per year on textbooks.

7 of 10 students report not purchasing college textbooks because of cost*

College textbook prices rose 82% between 2003 and 2013, approximately triple the rate of inflation in overall consumer prices (CPI) during the same time (27%) [2].

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Academic Implications for Student Success

- Purchase an older edition of the textbook
- Borrow/share the textbook with peers or rely on short-term (hourly access via library course reserves)
- Delay purchasing the textbook
- Never purchase the textbook
In your academic career, has the cost of required textbooks caused you to:

<table>
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<th>Percentage</th>
<th>Action</th>
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<tbody>
<tr>
<td>66.6%</td>
<td>Not purchase the required textbook</td>
</tr>
<tr>
<td>47.6%</td>
<td>Take fewer courses</td>
</tr>
<tr>
<td>45.5%</td>
<td>Not register for a specific course</td>
</tr>
<tr>
<td>37.6%</td>
<td>Earn a poor grade</td>
</tr>
<tr>
<td>26.1%</td>
<td>Drop a course</td>
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<tr>
<td>19.8%</td>
<td>Fail a course</td>
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n=22,000 students
Research

- Students do as well or better using OER (Allen, et al., 2015; Wiley, et al., 2016; Chiorescu, 2017; Jhangiani, et al., 2018)
- Completion rates improve (Wiley, et al., 2016)
- Linking OER with equity. The greatest gains from using OER accrued to the students most likely to be underserved for traditional models (Colvard, Watson and Park, 2018)
What’s Being Done @ UAS?

- 2016-2018 - 450+ students using OER or Textbook Alternatives
- Since 2016 - $42,000+ saved
- 1000 course reserve item (textbooks) checkouts per-semester
- 1 open textbook and 1 remix by UAS authors in progress.
- OER presentations at convocation, department meetings, individual consultations with faculty.
- ScholarWorks@UA Open Access Repository
- Open Access Publishing Policy (in development @ Faculty Senate)
- Faculty Learning Community on Open Pedagogy. Spring 2018 via CELT.
- Report your adoptions at uas.alaska.edu/library/oer
Think-Pair-Share

- What do you like about your current textbook? What are the necessities for your students? In other words, what can you not give up?

- What do you dislike about your current textbook? List everything that you do not like. Let’s assume that if you came to hear about open textbooks and other OER that you do not like the cost of a textbook. What else?

- What is the least you can live with for your first round of teaching with OER? In other words, what is the lowest benchmark you can set and still face your students?
Ancillary Resources

- What came with your commercial text?
  - Test bank questions
  - Slides
  - Homework systems
- What do you NEED?
- What can you create? What can students create?
Find a Textbook

Search our collection of open textbooks for a peer-reviewed book in your discipline. Hundreds of B.C. Faculty are learning how to customize open textbooks that also save their students money. See the Resources and Contact dropdown links above for help.

Adopt a Textbook

Let us know if you have adopted an open textbook. Or, if you are looking for resources on how to adopt a textbook, we have some resources to help.

Adapt a Textbook

Take advantage of the open textbook Creative Commons license and customize an open textbook to fit your specific needs. See Support for Adapting an Open Textbook for a list of resources to help you modify an existing open textbook.

Student Savings: $8,087,897 - $9,013,168  Adoptions: 1989  Participating Institutions: 40

More Stats...
FREE. OPEN-SOURCE. PEER-REVIEWED. HIGH-QUALITY TEXTBOOKS FOR YOUR COLLEGE COURSE.
Discover. Share. Create.

OER Commons is a dynamic digital library and network. Explore open education resources and join our network of educators dedicated to curriculum improvement.

What are you looking for? Subject Education Level Standard Search

Fine tune your search with our advanced search.

Extensive Library, Powerful Findability

Search through collections curated by our digital librarians

Common Core resources organized for your needs

Building STEM Literacy and Bright Futures

Collections Common Core STEM Literacy
Ready to Explore?
Finding OER

1. Start with one of these resources.

2. Search or Browse for a title in your field.

3. Sample the content, note the available formats, ancillary resources and reviews. Rubric forms are available in Drive if you want to contribute a review.
Welcome!

Seinfeld ran for nine seasons on NBC and became famous as a “show about nothing.” Basically, the show allows viewers to follow the antics of Jerry, George, Elaine, and Kramer as they move through their daily lives, often encountering interesting people or dealing with special circumstances.

It is the simplicity of Seinfeld that makes it so appropriate for use in economics courses. Using these clips (as well as clips from other television shows or movies) makes economic concepts come alive, making them more real for students. Ultimately, students will start
Final Questions?

- Available for consultations today and tomorrow
- OER Brown Bag Friday 11:30-1

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