Session Outcomes

- Participants will be able to successfully search for OER resources using a variety of search tools and search strategies.
- Participants will be exposed to and will be able to use one or more curatorial tools to assist in gathering and organizing OER materials.
Open Educational Resources (OER)

UNESCO Definition: teaching, learning and research materials in any medium, digital or otherwise, that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions.
Why Use OER Materials

- OER has been shown to increase student learning while breaking down barriers of affordability and accessibility. (Feldstein et al., 2012)
- According to the Chronicle of Higher Education, 7 in 10 students didn’t purchase a textbook because it was too expensive.
- 1 in 5 students has bypassed a course due to the cost of materials (Cengage, n.d.)
- The cost of textbooks is rising at a rate four times that of inflation
- 60% of students have delayed purchasing textbooks until they’ve received their financial aid.
The 5Rs of Open Education Resources

- Retain – the right to make, own, and control copies of the content
- Reuse – the right to use the content in a wide range of ways (e.g., in a class, in a study group, on a website, in a video)
- Revise – the right to adapt, adjust, modify, or alter the content itself (e.g., translate the content into another language)
- Remix – the right to combine the original or revised content with other open content to create something new (e.g., incorporate the content into a mashup)
- Redistribute – the right to share copies of the original content, your revisions, or your remixes with others (e.g., give a copy of the content to a friend)
The 5 R’s of Open Education

WHAT IS AN OPEN EDUCATIONAL RESOURCE (OER)?

"For Free and Without Requesting Permissions"

Retain
You can keep the work forever

Reuse
You can use the work for your own purpose

Revise
You can adapt, modify, or translate the work

Remix
You can combine it with another resource to make a new work

Redistribute
You can share the work with others

Fort Hayes State University. (2018). What is an open educational resource (OER)? Retrieved from https://www.fhsu.edu/oer/
Creative Commons Licensing

https://wiki.creativecommons.org
### About Creative Commons Licenses

Although there are lots of types of open licenses, open educational resources usually use a Creative Commons License. There are seven types of Creative Commons Licenses, including CC0, which means that no rights are reserved:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CC-Zero</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Attribution</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Attribution ShareAlike</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes, but</td>
</tr>
<tr>
<td>Attribution Noncommercial</td>
<td>Yes</td>
<td>Yes, but</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes, but</td>
</tr>
<tr>
<td>Attribution No Derivatives</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>All Rights Reserved</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Claire Nickerson, Learning Initiatives & OER Librarian, canickerson@fhsu.edu, 785.628.4543

Image CC BY Shelly

Effective Ways to Find OER Materials
Search OER Textbook Databases

Search Subject Specific or non-textbook Databases

Conduct a CC search

Look for free* materials
Search OER Textbook Databases

Search Subject Specific or non-textbook Databases

Conduct a CC search

Look for free* materials

Search OpenStax

Search MOM

Conduct a CC search in Google

Search the Canvas Commons
Open Textbooks Collections

- Open Stax College (Affiliated with Rice University)
- Open Textbook Library (Affiliated with U of Minnesota)
- BC Campus Open Ed (Province wide resource)
- Galileo (Affiliated with U of George System)
- Orange Grove (Florida's OER Repository)
- Saylor Open Textbooks (Open Flat World Books are included here)
- College Open Textbooks (Focus on years 13-14)
Non-textbook OER databases

- BC Campus OER by Discipline Guide
- Mason OER Metafinder (MOM) (a project of George Mason U)
- MERLOT (one of the original databases)
- OASIS (project of SUNY & CUNY)
- OER Commons
Searching via OER Commons

www.oercommons.org

Select Advanced Search
Rebecca’s Favorite Tool

https://www.oercommons.org/hubs/minnesota
Creative Commons Search Tools

- Creative Commons Search Beta
- Google Search (delimited)

Finding Materials in the Canvas Commons

Search

Blank - Rebecca Graetz - 2
BLANK.REBECCA.GRAETZ.1

Course Status
- Unpublished
- Publish
- Import from Commons
- View Course Stream
- Course Setup Checklist
- New Announcement
- Student View
Curation Tools
Sample Curation Tools

- eduClipper
- Diigo
- Dropbox
- Pinterest
- Storify
- Symbaloo
- Zotero
Diigo

- Pronounced Dee’go
- An abbreviation for *Digest of Internet Information, Groups and Other stuff.*
The Orange Grove
www.foundershines.org  tag
in Outline: OER Materials

MERLOT
www.merlot.org  tag
in Outline: OER Materials

Download Update - (Windows Driver Updater)

Set Best Browser Start Page - Sync Your Music Games, Emails - Sync Services To Start Page
(Ad) Enjoy a quick, easy browsing experience, beautiful designs, Easy Sync To Email, To-do Install now. 5 stars rating in official extension store to enjoy games, music and more: 5 star rating. Official Chrome Store. Free Install

Defining OER | Understanding OER
courses.jiomelearning.com  tag
in Outline: OER Materials

OER Definitions
oer.psu.edu  tag
in Outline: OER Materials
<table>
<thead>
<tr>
<th>Title</th>
<th>Updated at</th>
</tr>
</thead>
<tbody>
<tr>
<td>OER Materials</td>
<td>Jan 11, 2019</td>
</tr>
<tr>
<td>PD Educational Leadership</td>
<td>Jan 11, 2019</td>
</tr>
<tr>
<td>Internship</td>
<td>Jan 10, 2019</td>
</tr>
<tr>
<td>Papal History</td>
<td>Jan 10, 2019</td>
</tr>
<tr>
<td>Why and how to use Outliner</td>
<td>Dec 22, 2018</td>
</tr>
</tbody>
</table>
Diigo Groups (Pre-curated links)
Benefits of Using OER

"OER has been shown to increase student learning while breaking down barriers of affordability and accessibility. Feldstein et al. (2012) conducted a research study at Virginia State University, where OER were implemented across nine different courses in the business department. Researchers found that students in courses that used OER more frequently had better grades and lower failure and withdrawal rates than their counterparts in courses that did not use OER.

According to the Chronicle of Higher Education, 7 in 10 students didn't purchase a textbook because it was too expensive. One in five college students has skipped or deferred a class due to the price of the required learning resources. The cost of textbooks is rising at a rate of 4 times inflation. 60% of students have delayed purchasing textbooks until they've received their financial aid."

A Review of the Effectiveness & Perceptions of Open Educational Resources As Com...
The Diigo Outliner for this Presentation

- Online Instruction
  - https://www.diigo.com/outliner/git4z9/OnlineInstruction?key=0arfjq2aw1
<table>
<thead>
<tr>
<th>Title</th>
<th>URL</th>
<th>Tags</th>
<th>Description</th>
<th>Comment</th>
<th>Annotation</th>
<th>Created At</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Orange Grove</td>
<td><a href="https://www.floridashines.org/orange-grove">https://www.floridashines.org/orange-grove</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/11/2019 17:40</td>
</tr>
<tr>
<td>MERLOT</td>
<td><a href="https://www.merlot.org/merlot/index.htm">https://www.merlot.org/merlot/index.htm</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/11/2019 17:39</td>
</tr>
<tr>
<td>OER Definitions</td>
<td><a href="https://oer.psu.edu/oer-definitions/">https://oer.psu.edu/oer-definitions/</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/11/2019 17:37</td>
</tr>
<tr>
<td>What is OER? - Creative Commons</td>
<td><a href="https://wiki.creativecommons.org/wiki/What_is_OER#Creative_Commons">https://wiki.creativecommons.org/wiki/What_is_OER#Creative_Commons</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/11/2019 17:36</td>
</tr>
<tr>
<td>2 crucial lessons to help your dist</td>
<td><a href="https://www.diigo.com/item/image/6krt7/m32e">https://www.diigo.com/item/image/6krt7/m32e</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/10/2019 18:34</td>
</tr>
<tr>
<td>Cross training can help district tea</td>
<td><a href="https://www.diigo.com/item/image/6krt7/is2t">https://www.diigo.com/item/image/6krt7/is2t</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/10/2019 17:58</td>
</tr>
<tr>
<td>Peer Reviewed Journals for Online</td>
<td><a href="http://empowersteaching.usu.edu/journalsforteachingand">http://empowersteaching.usu.edu/journalsforteachingand</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/10/2019 17:56</td>
</tr>
<tr>
<td>The COUP Framework â€“ Open E</td>
<td><a href="http://openedgroup.org/coup">http://openedgroup.org/coup</a></td>
<td>no_tag</td>
<td></td>
<td></td>
<td></td>
<td>1/2/2019 14:30</td>
</tr>
</tbody>
</table>
Symbaloo
Evaluating the Impact of OER Use: COUP

- Cost
- Outcomes
- Usage
- Perceptions

Guides to OER Materials

- Concordia University Portland Library
  - [http://libguides.cu-portland.edu/OER/home](http://libguides.cu-portland.edu/OER/home)

- Consortium Library University of Alaska System
  - [https://libguides.consortiumlibrary.org/OER/searchstrategy](https://libguides.consortiumlibrary.org/OER/searchstrategy)

- Forsyth Library, Fort Hayes State University
  - [https://fhsuguides.fhsu.edu/OERs](https://fhsuguides.fhsu.edu/OERs)

- University of Illinois Library
  - [https://guides.library.illinois.edu/oer](https://guides.library.illinois.edu/oer) (particularly the Evaluate OER section)

- University of Oklahoma Libraries
  - [https://guides.ou.edu/OER](https://guides.ou.edu/OER)

- University of South Carolina Libraries
  - [https://guides.library.sc.edu/OER](https://guides.library.sc.edu/OER)
References

Cengage. (n..d.) Open educational resources (OER) and the evolving higher education landscape. Retrieved from http://assets.cengage.com/pdf/wp_oer-evolving-higher-ed-landscape.pdf


Fort Hayes State University. (2018). What is an open educational resource (OER)? Retrieved from https://www.fhsu.edu/oer/

