Welcome to Teaching + Learning Tuesdays

March 28, 2017 | 2:30PM

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Audio Setup Wizard

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Finding & Adopting OER
Teaching and Learning Tuesday
South Carolina Technical College
March 28, 2017

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Extended Learning Institute
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Credits: Presentation template by SlidesCarnival & photographs by Unsplash, unless otherwise noted
...open education is an opportunity for librarians and libraries to lead institutional change by connecting people and resources in the most effective ways possible.

OER @ NOVA

Online Learning Librarian

Librarian for all online students @ NOVA

Run an embedded librarian program; 60+ subject areas and 300+ sections

Work with faculty and instructional designers in developing and/or redesigning OER courses

Blicher, H. (March 2015). What to expect when librarians are embedded in your online course. Infographic.
OER @ NOVA

- Digital Open Courses (2013-2014)
  General Education Certificate Program
  Associates degree in
  General Studies
  Associates degree in
  Social Sciences
- zELI Zero Textbook Cost Degree Pathways (2015)
- Achieving the Dream OER Degree Initiative Grant (2016-Present)

Blicher, H. & Grewe, K. (September 2016). Open educational resources @ Northern Virginia Community College. Infographic.
Fall Semester Snapshot

▷ Approx. 15% of ELI course sections are OER
▷ Approx. 20% of ELI student enrollments are in OER courses

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OER Collaboration

Faculty

Instructional Designer

Librarian
Librarian’s Role in OER:
▷ Researcher
▷ Curator
▷ Educator
▷ Content creator
Librarian as Researcher

- OER
  - Open Course Ware
  - Online Modules
  - Open Textbooks
  - Digital Tutorials
  - Open Journals
  - Streaming Videos
  - Learning Objects
Selection Process:

▷ Licensing
▷ Copyright
▷ Accessibility
Librarian as Curator

Libguides.nvcc.edu/oer
Where to Start?

▷ Repositories:  
   Oercommons.org  
▷ Textbooks:  
   openstax.org/subjects  
   open.umn.edu/opentextbooks  
▷ Journals:  
   doaj.org/  
▷ Images:  
   search.creativecommons.org/
Librarian as Educator

1. OPEN

- Textbooks
- Journals
- Courseware
- Videos
- Images

OER materials allow faculty to focus, analyze, augment, and evolve course materials directly aligned to course learning outcomes.

2. FREE (Restricted)

Library resources including online periodicals, scholarly journals, videos and more are "free" to students because the library pays for a subscription to access the materials. Though often overlooked by OER advocates, these resources can have a beneficial impact for students within the institution and are an important aspect of OER.

Blicher, H. & Grewe, K. (September 2016). Open educational resources @ Northern Virginia Community College. Infographic.
## Open vs. Free Resources

<table>
<thead>
<tr>
<th>Open Educational Resources</th>
<th>Student Cost</th>
<th>Permissions to Teachers &amp; Students</th>
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<td>Open</td>
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<td>Restrictive</td>
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- **Open** → Important to Faculty
- **Free** → Important to Students
Librarian as Content Creator

Youtube.com/user/NOVALibraries
Supporting OER Adoption

▷ One-on-one consultations
▷ In-person and online presentations and workshops
▷ Acting as “copyright go-to”
▷ Staying up-to-date on the topic; always looking for the latest resources
▷ Marketing support through email and website [eli.nvcc.edu/library](http://eli.nvcc.edu/library)
Thanks!

Any questions?

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Finding Open Educational Resources (OER)

Using OER Commons to find high quality OER

South Carolina Technical College System

March 28, 2017
About ISKME

Research, tools and services to advance teaching and learning

- Focused on improving the practice of continuous learning, collaboration, and change in the education sector

- Developed OER Commons as a digital public library of OER and a collaboration environment to support curriculum improvement

- Infrastructure leverages best practices in library science and interoperability
Finding OER on OER Commons

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

Extensive Library, Powerful Findability

- Search through collections curated by our digital librarians
- Search our extensive library and find what you're looking for
- Common Core resources organized for your needs
- Building STEM literacy and bright futures
• Expertly curated collections from over 400 content providers, over 65,000 resources
• Custom technical web infrastructure and supports for educators at all levels
• Integration with state and local LMS’s and processes
• Content hosted on OER Commons as well as on external sites.
• Platform for creating, collaborating, and remixing OER.

Mature platform leverages best practices in library science, tagging and schema protocols, metadata standards and interoperability
The OER Commons Toolset: Search

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.
Keyword search will search the following OER Commons metadata fields:

- Title
- Abstract
- Keywords & Tags
- Material Type
- Subject
- Provider/Provider Set
- Author

Filter options on the Home screen include:

- Subject Area
- Education Level
- Educational Standards
The OERC Toolset: Filters

Refine your search

Education Standards

Subject Area

Applied Science
Business and Communication
Education
Mathematics
Algebra
Calculus
Functions
Geometry
Numbers and Operations
Ratios and Proportions

Search results: algebra (482)

Selected filters: Community College / Lower Division Algebra

Elementary Algebra
Rating ★★★★★
This text respects the traditional approaches to algebra pedagogy while enhancing it...
More

Conditions of Use: Remix and Share

Introductory Linear Algebra

Material Type: Full Course, Textbooks
Provider: University of Minnesota
Provider Set: Open Textbook Library
Author: John Redden
The OERC Toolset: Filters

On the Search Results page, users can further refine their search using the filters on the left side of the screen.

Filtering options include:

- Education standards
- Topic Areas
- Education Level
- Material Type
- Conditions of Use
- Content Source
- Primary User
- Media Format
- Educational Use
The OERC Toolset: Advanced Search

Additional Search Criteria

- Education Standards:
- Resource Evaluation Criteria:
- Search by Language:

- Subject Area
- Educational Use
- Material Type
  - Activities and Labs
  - Assessments
  - Audio Lectures
  - Case Study
  - Data
  - Full Course
  - Games
  - Homework and Assignments
  - Images and Illustrations
  - Instructional Material
  - Interactive
  - Lecture Notes
  - Lesson Plans
  - Module
  - Primary Source
  - Readings
  - Reference
  - Resource Review
  - Simulations
  - Specimen
  - Student Guide
  - Syllabi
  - Teaching and Learning Strategies
  - Textbooks
  - Unit of Study
  - Video Lectures
  - Other

- Rubric Evaluated
- Content Source
- Primary User
- Level
- Media Format
  - Audio
  - Braille/BNF
  - Downloadable docs
  - eBook
  - Graphics/Photos
  - Interactive
  - Mobile
  - Text/HTML
  - Video
  - Other

- Accessibility
  - Visual
  - Auditory
  - Textual
  - Audio Description
  - Caption
  - Verbatim Captions
  - Long Description
  - Transcript

- Conditions of Use

Clear  Search
Why use Advanced Search?

- You are looking for something for a specific purpose.
- You have specific rights requirements.
- You want to find resources that have been evaluated or commented upon.
- You know a lot about what you want, but don’t know what it is yet!
- You are a librarian.
There are multiple ways to browse for resources on OERC:

- Browse Curated Collections
- Check out Groups
- Go to a Hub
- Browse by Provider
A Brief History of the Commons

We are busy around the clock adding new educational resources to OER Commons. We work with the finest producers of instructional content in the world and gather their best work together especially for you. Then we ensure the resources are carefully described and fully indexed because we want you to be able to find exactly what you need, when you need it.

Our Featured Topics
• Curated Collections focus on a theme, grade, topic and include a vetted selection of OER.

• Curated Collections can be driven by ISKME’s partners – organizations who seek resources related to a specific topic, grade, or theme.

• When ISKME develops a Hub for an organization, often we’ll work together to construct queries that meet the needs of the organization, providing them with the tools to build out their collections.
The OERC Toolset: Groups

All OER Commons Groups
find groups created by OER Commons members

Filter By: All Group Types, All Subjects, Community College / Lower Div

EdHub: The Educators Resource Network
OER STEM Science User Group
Open Educational Resources Courses and Guides
SO 201
Writing for Designers
CHE 124 Flex Developers
ACTFL Arabic Educators
Minnesota State Colleges & Universities (MnSCU)
Any registered user can create an OER Commons Group.

Groups provide a space for people to collect, curate, and organize OER.

- Create your own folder structure
- Save resources to your Group
- Work with others to create and suggest new resources for a Group.
- Engage in Discussions with other Group members.
The OERC Toolset: Groups

Anyone can look at another Group’s collections.
- Get ideas about resources that are in use by others.
- Find resources that are newly added to Groups of interest.
- Ask to Join!

Access your Group via your LMS
- We offer LTI access to a Group so all your curated resources are easily added to your LMS.
Discover Our Network Hubs

A Hub is a custom resource center on OER Commons where groups can create and share collections associated with a project or organization. Projects, institutions, states and initiatives make use of Hubs to bring groups of educators together to create, organize, and share collections that meet their common goals.

<table>
<thead>
<tr>
<th>Hubs</th>
<th>Description</th>
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<tbody>
<tr>
<td>Alamo Colleges</td>
<td>Alamo Colleges Online is evaluating their online courses and exploring how Open Educational Resources can fit into their course development and redesign processes.</td>
</tr>
<tr>
<td>Arabic Language Learning</td>
<td>The Source for Arabic Teaching and Learning</td>
</tr>
<tr>
<td>California Social Work Education Center</td>
<td>Resources and tools for developing and supporting California’s professional social service workforce serving the state’s diverse population</td>
</tr>
<tr>
<td>Center for Human Services Resource Barn</td>
<td>Welcome to the Center for Human Services Resource Barn! The affectionately titled “Resource Barn” provides resources from throughout the Center for Human Services at UC Davis Extension.</td>
</tr>
<tr>
<td>Michigan College Online</td>
<td>Michigan College Online (MCO) is an initiative of the Michigan Community College Association and the 28 Michigan community colleges.</td>
</tr>
<tr>
<td>Minnesota OER Commons</td>
<td>Tools and resources for educators and subject matter experts in Minnesota to collaboratively evaluate, share, and develop Open Educational Resources for public education.</td>
</tr>
<tr>
<td>OpenStax</td>
<td>Share and collaborate on the resources that support your teaching</td>
</tr>
<tr>
<td>Open Textbooks</td>
<td>Free, adaptable, openly licensed textbooks and supplemental resources.</td>
</tr>
<tr>
<td>Primary Source Network Hub</td>
<td>Teacher tools and resources for supporting students in building close reading and inquiry-based learning skills.</td>
</tr>
</tbody>
</table>

School Librarians | STEM Literacy | Washington OER Project |
A Hub is a centralized location on OER Commons where an organization can aggregate and collect specific Collections, Groups, or Resources.

ISKME creates Hubs to help users find resources emphasizing a specific topic.

- Open Textbooks
- STEM Literacy
- Common Core

A Hub is a way for an organization to highlight high quality OER for members.
The OERC Toolset: Hubs

Statewide Hubs
• Michigan Colleges Online
• Wisconsin
• Alamo Colleges

Topical Hubs
• Open Textbook Hub
• Common Core
• STEM Literacy

OER Commons Partner Hubs
• OpenStax
The OERC Toolset: Providers

- OER Commons has ~270 providers.
- Users can browse by Provider when they have a specific source they are seeking.
Any questions?

Contact Mindy Boland: mindy@iskme.org
Twitter: @oercommons

Some URLs:

http://www.oercommons.org
https://www.oercommons.org/groups/
https://www.oercommons.org/hubs/
https://www.oercommons.org/oer/providers
Upcoming TLT Sessions

April 25, 2017 at 2:30 pm
Details TBD

May 16, 2017 at 2:30 pm
Generational Differences in the Classroom

Want to showcase your expertise? Is there a teaching technique that has been effective in the classroom? Apply to be a TLT presenter!

For more information: www.sctechsystem.edu/tlt
Give us your feedback

• https://www.surveymonkey.com/r/March2017TLT