Partnerships and Collaboration in Advancing OER Initiatives: From Institutional to Statewide

Regina Gong, OER & Student Success Librarian
Michigan State University

OLC Innovate 2020
June 15, 2020

This presentation is licensed under a Creative Commons Attribution 4.0 (CC-BY) International License.
Evaluate Sessions and Win!

- Download and open OLC Conferences mobile app
- Navigate to specific session to evaluate
- Select “Evaluate Session” on session details screen (located under session type and track)
- Complete session evaluation*

*Each session evaluation completed (limited to one per session) = one contest entry

**Five (5) $25 gift cards** will be awarded
Must submit evals using the OLC Conferences mobile app or website
https://www.slideshare.net/ReginaGong/presentations
Arming Students with OER
Jun 22, 2020 4:45 pm - 6:30 pm (US/Pacific)

Creator or Curator? An OER Decision-Making Strategy for Content Development in Online and Blended Courses
Jun 16, 2020 3:45 pm - 4:30 pm (US/Eastern)

Cross-Institutional Professional Development: How to Use Gamification and Hybrid Modalities to Build a Learning Community
Jun 17, 2020 11:15 am - 1:00 pm (US/Eastern)

D.I.Y O.E.R: So You Have Been Tasked with Making Your Course OER, Now What?
Jun 24, 2020 2:30 pm - 3:15 pm (US/Eastern)

Death by Discourse: Avenging Online Discussions
Jun 15, 2020 5:00 pm - 5:45 pm (US/Eastern)

From Zero to Engagement: Creating Versatile Assignments Using OER in MERLOT
Jun 22, 2020 5:45 pm - 6:30 pm (US/Eastern)

HBCU Summit: An Institutional Approach to AL$ at Bethune-Cookman University
Jun 22, 2020 6:45 pm - 7:30 pm (US/Eastern)
What we’ll talk about today

- Brief overview of OER
- State of OER in Michigan
  - K-12
  - Two-year community colleges
  - Four-year colleges and universities
- MI OER Network
- Partnerships and next steps
Open Educational Resources (OER)

Teaching, learning, and research resources that reside in the public domain or are released under an intellectual property license that permits their no-cost access, use, adaptation and redistribution by others with no or limited restrictions.

https://www.hewlett.org/strategy/open-educational-resources/
Open Educational Resources

• Free and unfettered access
• Perpetual, irrevocable 5R permissions
Open Educational Resources

Any kind of teaching materials – open textbooks, syllabi, lesson plans, videos, readings, exams, images, simulations, full courses, games, lectures, etc.
## The 5R

<table>
<thead>
<tr>
<th>Retain</th>
<th>Download and keep your own copy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reuse</td>
<td>Use the original, revised, or remixed copy of the resource publicly</td>
</tr>
<tr>
<td>Revise</td>
<td>Edit, adapt, and modify a copy of the resource</td>
</tr>
<tr>
<td>Remix</td>
<td>Combine the original or revised copy of the resource with other existing material to create something new</td>
</tr>
<tr>
<td>Redistribute</td>
<td>Share copies of the original, revised, or remixed copy of the resource with others</td>
</tr>
</tbody>
</table>

Puts the OPEN in OER
Benefits of OER

Affordability
Consumer price indexes for tuition and school-related items, not seasonally adjusted, January 2006–July 2016

January 2008=100

Click legend items to change data display. Hover over chart to view data.
Shaded area represents recession, as determined by the National Bureau of Economic Research.
Source: U.S. Bureau of Labor Statistics

U.S. Bureau of Labor Statistics
Course Material Spending

<table>
<thead>
<tr>
<th>Year</th>
<th>Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-8</td>
<td>$701</td>
</tr>
<tr>
<td>2009-10</td>
<td>$667</td>
</tr>
<tr>
<td>2011-12</td>
<td>$655</td>
</tr>
<tr>
<td>2012-13</td>
<td>$662</td>
</tr>
<tr>
<td>2013-14</td>
<td>$638</td>
</tr>
<tr>
<td>2014-15</td>
<td>$563</td>
</tr>
<tr>
<td>2015-16</td>
<td>$602</td>
</tr>
<tr>
<td>2016-17</td>
<td>$576</td>
</tr>
<tr>
<td>2017-18</td>
<td>$484</td>
</tr>
<tr>
<td>2018-19</td>
<td>$415</td>
</tr>
</tbody>
</table>

*Starting in 2015/2016, total spending for the academic year was weighted by campus type to more accurately reflect the proportion of students enrolled at two- and four-year U.S. institutions.
The impact of textbook cost

- 64.25% Not purchase the required textbook
- 42.76% Take fewer courses
- 40.55% Not register for a specific course
- 35.62% Earn a poor grade because I could not afford to buy the textbook
- 22.91% Drop a course

2018 Florida Virtual Campus Student Textbook & Course Materials Survey
Benefits of OER

- Affordability
- Access
- Academic transformation
- Student success
State of OER in MI

Image by Clker-Free-Vector-Images from Pixabay
Community Colleges

MCO OER Initiative

- 19 out of 28 community colleges have an OER and other no- or low-cost initiative (as of fall 2019)

- MI OER Initiative Goals:
  - Improving student success
  - Lowering costs for students
  - Increasing inter-institutional faculty collaboration
Michigan Colleges Online (MCO) is an initiative of the Michigan Community College Association and the 28 Michigan community colleges.

About

The MCO created the Michigan Colleges Online Hub for our member institutions as a way to reduce costs for students, increase student success and completion, and allow for inter-institutional collaboration with faculty. Our Institutions are creating, sharing, and collaborating on high-quality OER for use in today's classrooms. Join a group and begin contributing today.
Welcome to #GoOpen Michigan. Explore our library of open education resources and join a network of Michigan educators who are dedicated to using high quality, openly-licensed educational resources.

Fine tune your search with our advanced search.

https://goopenmichigan.org/
K-12

Community college
Accessing the OER Landscape

Deployed in spring 2019 an online survey to all public and private universities in MI

Photo by Glenn Carstens-Peters on Unsplash
Public Universities

Central Michigan University
Eastern Michigan University
Grand Valley State University
Michigan State University
Ferris State University
Oakland University
University of Michigan - Dearborn
University of Michigan - Flint
Wayne State University
Saginaw Valley State University
Western Michigan University
What are Open Educational Resources?

OER are “teaching, learning, and research resources that reside in the public domain or have been released under an intellectual property license that permits their free use and re-purposing by others.” (From The William and Flora Hewlett Foundation)

OER materials are released under an open license granting permission for everyone to do the 5Rs (Retain, Reuse, Review, Remix, Redistribute).

OER include digital learning materials such as:
- open textbooks
- full courses
- modules
- syllabi
- lectures
- homework assignments
- quizzes
- lab activities
- exams

Overview of OER Videos

Introduction to OER: Why Support OER?

More OER Information

- An Open Education Primer
  Created by the SPARC Open Education Leadership Program, this resource is intended to provide an introduction to open education for academic librarians in North America, with emphasis on the three pillars of resources, practices, and policy.
- 7 Things You Should Know About Open Education: Content
  Primer on OER from the EDUCAUSE Learning Initiative (ELI), this publication is one in a three-part series designed to provide a point of departure for conversations about all aspects of open education.
- 7 Things You Should Know About Open Education: Practices
  Primer from the EDUCAUSE Learning Initiative on open educational practices and pedagogy. This publication is one in a three-part series designed to provide a point of departure for conversations about all aspects of open education.
- 7 Things You Should Know About Open Education: Policies
  Primer from the EDUCAUSE Learning Initiative on open education policy. This publication is one in a three-part series designed to provide a point of departure for conversations about all aspects of open education.

https://libguides.lib.msu.edu/oer
OER at MSU Libraries
Pressbooks Publishing Platform

CREATE RESOURCES
Pressbooks is a web-based publishing tool that allows authors to easily import content and export the resulting publication to a variety of formats, including MOBI, EPUB, and PDF. Additionally, the platform and compatible plugins support embedded multimedia, interactive assessment, and web annotation.

GET SUPPORT
The Open Educational Resources (OER) Program offers no-cost services for the MSU community who wish to publish open textbooks and other openly-licensed materials. We provide support and technological resources to enable educators to adapt and create OER. Materials that we publish are under Creative Commons licenses.

https://openbooks.lib.msu.edu/
Open Educational Resources (OER) Program

Open educational resources (OER) are teaching, learning, and research resources that are copyright-free (public domain) or have been released under an open license that permits others to reuse, revise, remix, redistribute, and adapt them. Examples of OER include open textbooks, videos, images, course modules, homework assignments, quizzes, lab and classroom activities, games, simulations, and other resources contained in digital media collections from around the world.

The high cost of learning materials presents a barrier to students and negatively impacts their success in college. Spending less money on required learning materials is a step not only in making college more affordable and accessible but also equitable.

Goals of the OER Program:

- Reduce educational costs by providing free or low-cost learning materials that are available from day one of their class and customizable to fit their learning needs.
- Encourage and support the adoption, adaptation, or creation of Open Educational Resources (OER) and other free and low-cost materials as a textbook alternative.
- Provide technical support for instructors to implement OER in courses.
- Empower instructors to engage in new pedagogical models that leverage the affordances of OER and open education.

https://lib.msu.edu/oer/
Private Colleges and Universities
# Top Courses Using OER

<table>
<thead>
<tr>
<th>Community colleges</th>
<th>Four-year colleges/universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>English/Writing</td>
</tr>
<tr>
<td>History</td>
<td>Economics (Micro &amp; Macro)</td>
</tr>
<tr>
<td>Mathematics (Algebra &amp; Calculus)</td>
<td>Mathematics (Algebra &amp; Intermediate Algebra)</td>
</tr>
<tr>
<td>English/Writing</td>
<td>Psychology</td>
</tr>
<tr>
<td>Psychology</td>
<td>Sociology</td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
</tr>
</tbody>
</table>
Vision for a Statewide OER Approach
Statewide OER Coalition: Issues to Consider

- Models of OER initiative
  - OER-focused only
  - No-cost/low cost alternative
  - Combination of both

- Awareness and advocacy
- Statewide grant
- Tracking of adoptions
- Professional development
- Publishing platform
- Repository
- Open policy-- Institutional and State
What do these institutions need from a statewide coalition?

- Training and professional development workshops
- Strategies to drive OER adoption
- Talking points to campus stakeholders
- Support for open textbook publishing
- Managing grant programs
- Learning about open pedagogy or OER-enabled pedagogy
Partnerships

- Center for Teaching Excellence
- Library
- Provost Office/Administration
- Individual departments/units
- IT
- Student Government
- Bookstore
- eLearning Unit
- Advisors
- Registrar’s Office
Partnerships

- Inter-institutional and across sectors
- Regional and state collaborations
Regional Higher Education Compacts

WICHE
MHEC
SREB
NEBHE
OPEN EDUCATIONAL RESOURCES

Open Educational Resources (OER) are textbooks and ancillary learning materials that are accessible via the Internet at little or no cost to students or institutions. To make the cost of postsecondary education more affordable, many states and institutions have adopted or are seeking to adopt the use of OER.

MHEC is working to assist states and institutions in OER implementation by creating an OER Advisory Committee comprised of institutional representatives who have varying levels of experience implementing OER. MHEC convened Midwestern stakeholders on November 28-30, 2018, to learn from experts in the field of OER, as well as from individuals and groups who have already successfully adopted OER.

https://www.mhec.org/policy-research/open-educational-resources
MHEC OER and Policy Implementation Summit
November 28-30, 2018, Chicago
MHEC State OER Action Teams

- Members come from educational constituencies throughout each state
  - SHEEO offices, K-12 Representatives
  - Legislators, Students
  - Faculty, Librarians, Administrators
- MHEC provides support for this work
The mission of Michigan OER Network is to support institutions and organizations in promoting the fair and equitable use of open education resources for all students in the State.
Goals

• Communication, Networking and Sharing
• Professional Development
• Research
• Advocacy
Proposed MI OER Network Structure

- Project Coordinator
- Steering Committee
- Campus Partners
- Advocacy, Communication and Outreach Working Group
- Training and Professional Development Working Group
- Digital Infrastructure Working Group
- Research, Data Gathering, and Assessment Working Group
Next steps
Due to COVID-19, the 2020 Summit has been canceled.

2021 MI OER Summit - August 13, 2021

http://www.mioersummit.org/
Action Items

- Virtual community convening (late summer or early fall 2020)
- Offer more online workshops to increase OER awareness and adoption
- Continue faculty engagement online discussions
- Engage students/student groups/student governments
- Research (Financial impact; effects on student learning; teaching innovations)
- Formulate advocacy strategy for State support
Questions?

Regina Gong

gongregi@msu.edu

@drgong
Evaluate Sessions and Win!

- Download and open OLC Conferences mobile app
- Navigate to specific session to evaluate
- Select “Evaluate Session” on session details screen (located under session type and track)
- Complete session evaluation*

*Each session evaluation completed (limited to one per session) = one contest entry

**Five (5) $25 gift cards** will be awarded
Must submit evals using the OLC Conferences mobile app or website