Making an Impact with Open Educational Resources

CHERYL CUILLIER, UNIVERSITY OF ARIZONA
TIFFANY GARRETT & NATHANIEL KING, NEVADA STATE COLLEGE
Cheryl Cuillier
Open Education Librarian
Increasing Student Success with OER
OER Toolkit

Slide 5 this presentation is adapted from “OER 101” by Nicole Allen, which is licensed under a Creative Commons Attribution 4.0 International license.

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#OCLCLibraryFutures
In your academic career, has the cost of required textbooks caused you to:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>64.2%</td>
<td>Not purchase the required textbook</td>
</tr>
<tr>
<td>42.8%</td>
<td>Take fewer courses</td>
</tr>
<tr>
<td>40.5%</td>
<td>Not register for a specific course</td>
</tr>
<tr>
<td>35.6%</td>
<td>Earn a poor grade</td>
</tr>
<tr>
<td>22.9%</td>
<td>Drop a course</td>
</tr>
<tr>
<td>18.1%</td>
<td>Withdraw from a course</td>
</tr>
<tr>
<td>17.2%</td>
<td>Fail a course</td>
</tr>
</tbody>
</table>

Source: 2018 survey by Florida Virtual Campus
One solution: OER

"Mindmap" by TeroVesalainen is from Pixabay
Hewlett definition of OER

“Open Educational Resources are 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.”

https://hewlett.org/strategy/open-educational-resources
OER = free + freedom to do the 5R’s

- Retain
- Reuse
- Revise
- Remix
- Redistribute

http://opencontent.org/definition

“Illuminated Light” by Pexels is from Pixabay
Benefits of OER

• Free access to required course materials on **Day 1**
• Get to keep them
• Customizable
• More options for faculty
• Social justice
• Student success

“Key” by Arek Socha is from Pixabay
Open Pedagogy

What is “open pedagogy”? Robin DeRosa and Rajiv Jhangiani have offered a helpful frame for anyone interested in engaging the ongoing conversations around this term.

Examples

Are you an educator looking to engage more deeply with “open pedagogy” in your own practice? Find classroom-tested practices and budding ideas here.

Submit an Idea

We’d love to hear about your ideas for implementing or experimenting with open pedagogy. We will review and post your contributions (with attribution) to the site.
Take the plunge!

“Girl Leaping Rock” by Karen Arnold is from Pixabay
Small steps you can take

• Raise awareness of OER
• Cultivate faculty champions
• Bring campus partners together
• Provide trainings

Bigger moves you can make

• Start a publishing program
• Offer grants for OER use & creation
• Mark courses with free/low-cost books in registration system
• Have a dedicated OER position in library
Open Textbook Library

Browse Subjects
- Accounting & Finance
- Business +
- Computer Science & Information Systems
- Economics
- Education
- Engineering
- Humanities +
- Journalism, Media Studies & Communications

New Books
- Quantitative Problem Solving in Natural Resources
- English Composition: Connect, Collaborate, Communicate
- Conservation Biology in Sub-Saharan Africa

In Development
- Our Sexual Selves
  Published by College of Marin
- Foundations of Educational Technology
  Published by Oklahoma State University
- Rain or Shine
  Published by Oklahoma State University
- Technical Writing
  Published by Oklahoma State University

http://open.umn.edu/opentextbooks
Campus partners

• UA BookStores
• Teaching center
• Instructional designers
• Information technology
• Disability Resource Center
• Student government leaders
• Faculty
• UA Press

Need to add: Administrators

National partners

- Open Textbook Network
- SPARC
- OpenStax
OER training & promotion

FREE TEXTBOOKS
OER YOU KITTEN ME?!
- save money
- access immediately
- ask your professor if they’re purr-fect for your class

Learn more at WWW.OER.ARIZONA.EDU & celebrate Open Education Month with us!

Other ideas:
Textbook Petting Zoo
Faculty Learning Community
Goal

Food

Not work

Not until 3 a.m.

Eat

Survive

Buy groceries

Get sleep

Live again

Actually pay rent

On time
Library ROI

Fall 2014-Spring 2019:
$61.9 million projected savings
379,000+ students impacted

Downloads since Feb. 1, 2015:
442,107
Changing the Conversation About Course Materials
Tiffany Garrett
Assistant Library Director

Nathaniel King
Library Director
Institutional Context
Nevada State College

- Founded in 2002
- Teaching-focused
- 5,000 enrollment
- Hispanic-Serving Institution
- 42% of students on need-based financial aid
Marydean Martin Library

- First all-digital library in Nevada
- 93% student satisfaction rating
- Librarians are tenure-track
- Highest scores on a campus climate survey in:
  - Teamwork
  - Relationships with coworkers
  - Sense of belonging
  - Supervisory support
Our Course Material Journey
Taking Back Textbooks

"collection development policy" textbooks site:.edu
Key Insight

This is not about content, it is about courses
Hierarchy of Support

- Faculty Consultation
- Summer Institutes
- Library eBooks in Canvas (LMS)
- Conversion Grants
Summer Institutes
Six-Week Institute Schedule

1. Getting Started
2. Designing Your Course | UX Consults
3. Copyright and OER | Canvas Consults
4. UX Results | Peer Review Activity
5. Peer Review Activity
6. Final Project Reports
Challenges and Opportunities

Institute Specific

- “My current [expensive] textbook is the best resource for my course”
- “I just want some time to explore…”
- “Will students start to select courses that have OER materials over other courses?”
Challenges and Opportunities

OER Materials

– “How do I know that these are quality materials?”
– “My students prefer print”
– “What about supporting materials?”
Institute Feedback
What did you like most about this program/service?

“Multiple facets of support: - work time - resources - professional development (e.g., copyright, open access resources) - additional services (e.g., usability)”

- Participant
Institute Feedback – Course Design

What did you like most about this program/service?

“I had the opportunity not only to gather resources but to re-think my course design as I was choosing materials to include.”

- Participant
Institute Feedback – UX Consults

**What did you like most about this program/service?**

“I liked the usability testing. Working with Lauren was great. She was able to show me areas where students were facing confusion in my course. I will use her feedback to hopefully solve this problem.”

- Participant
## Project Outcomes Survey

<table>
<thead>
<tr>
<th></th>
<th>Agreement</th>
<th>Program Avg</th>
<th>National Avg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge</td>
<td>100%</td>
<td>5.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Learned something new that was helpful in developing their course(s)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Confidence</td>
<td>100%</td>
<td>4.8</td>
<td>4.4</td>
</tr>
<tr>
<td>Felt more confident about incorporating library resources into their course(s)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application</td>
<td>100%</td>
<td>5.0</td>
<td>4.6</td>
</tr>
<tr>
<td>Intend to apply the techniques/information they learned to future courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Awareness</td>
<td>100%</td>
<td>4.8</td>
<td>4.3</td>
</tr>
<tr>
<td>Were more aware of resources and services provided by the library</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Institute Impact
Savings

#OCLCLibraryFutures
Improved Grades

Percent of Students with a B- or Better

- Paid Textbook: 51%
- No-Cost Textbook: 65%
Reduced DFW Rates

Percent of Students with a D, F, or Withdrawal

14% Paid Textbook
7% No-Cost Textbook
Improved Retention

Percent of students retained

- Paid Textbook: 77%
- No-Cost Textbook: 85%
Thank you

Tiffany Garrett
ASSISTANT LIBRARY DIRECTOR
tiffany.garrett@nsc.edu

Nathaniel King
LIBRARY DIRECTOR
nathaniel.king@nsc.edu