## UNH OER Pilot Overview

<table>
<thead>
<tr>
<th>Panelists</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Terri Winters: Academic Technology and eUNH Dan Carchidi: Academic Technology</td>
<td>The whys and hows of the UNH OER Pilot</td>
</tr>
<tr>
<td>Robin DeRosa: Professor &amp; Chair, Interdisciplinary Studies Plymouth State University</td>
<td>Expanding OER to &quot;Open Pedagogy&quot;</td>
</tr>
<tr>
<td>Catherine Overson: Center for Excellence in Teaching and Learning</td>
<td>Evaluating the OER Pilot</td>
</tr>
<tr>
<td>Jennifer Carroll and Eleta Exline: UNH Library</td>
<td>The librarian’s role, challenges and accomplishments</td>
</tr>
<tr>
<td>April Rau: Instructional Design &amp; Development</td>
<td>The instructional designer’s role, best practices/approaches and success stories</td>
</tr>
<tr>
<td>Catherine Moran: Department of Sociology Jesse Morrell: Department of Molecular, Cellular, &amp; Biomedical Sciences Emilie Talpin: Department of Languages, Literatures, &amp; Cultures</td>
<td>Why we applied for the grant, our expectations, challenges and accomplishments</td>
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The whys and hows of the UNH OER Pilot

Why?

- Faculty interest
- Motivational sparks
- Strategic imperative
- Raising awareness
The whys and hows of the UNH OER Pilot

How?
• Bottom Up - Top Down
• Assembling the team
• Proposal process
• Ambassador outreach
• “Brainshop” sessions
Expanding OER to "Open Pedagogy"

Students as Consumers

Rethink learning outcomes
Rethink content
Rethink assignments
Rethink grading

Rethink the spaces where we work

Students as Contributors
Open Educational Resources

Assessments
## Textbook Cost Report

<table>
<thead>
<tr>
<th>Course</th>
<th>Textbook Cost</th>
<th>Enrollment</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry</td>
<td>$314</td>
<td>15</td>
<td>$4,710</td>
</tr>
<tr>
<td>FREN 403</td>
<td>$214.13</td>
<td>23</td>
<td>$4,925</td>
</tr>
<tr>
<td>Contemporary Conservation Issues (2 Sections)</td>
<td>$135</td>
<td>260</td>
<td>$35,100</td>
</tr>
<tr>
<td>Epidemiology &amp; Medicine</td>
<td>$87.29 (New)</td>
<td>66</td>
<td>$5,761</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>$247.95 (Hardcover)</td>
<td>220</td>
<td>$54,549</td>
</tr>
<tr>
<td>Nutrition Health &amp; Well Being (2 sections)</td>
<td>$70</td>
<td>455</td>
<td>$31,850</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Total Cost Savings: $136,895</strong></td>
</tr>
</tbody>
</table>
Student Perceptions
Easy to Access

<table>
<thead>
<tr>
<th>Courses</th>
<th>Student Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Conservation Issues</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>Epidemiology &amp; Medicine</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>Nutrition, Health, &amp; Well Being</td>
<td>Strongly Agree</td>
</tr>
</tbody>
</table>

The chart shows the student ratings for various courses, with all courses rated as Strongly Agree.
High in Quality Compared to Textbooks

<table>
<thead>
<tr>
<th>Courses</th>
<th>Student Ratings</th>
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</thead>
<tbody>
<tr>
<td>Contemporary Conservation Issues</td>
<td>6.00</td>
</tr>
<tr>
<td>Epidemiology &amp; Medicine</td>
<td>6.00</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>5.50</td>
</tr>
<tr>
<td>Nutrition, Health, &amp; Well Being</td>
<td>5.50</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Strongly Agree</td>
<td>7.25</td>
</tr>
<tr>
<td>Strongly Disagree</td>
<td>2.25</td>
</tr>
</tbody>
</table>
Choose OER Course: Quality of Materials

Student Ratings

Courses

- Contemporary Conservation Issues
- Epidemiology & Medicine
- Introduction to Psychology
- Nutrition, Health, & Well Being

Strongly Agree: 7
Strongly Disagree: 1
Choose OER Course: Cost

Strongly Agree

5.25

Contemporary Conservation Issues

3.5

Epidemiology & Introduction to Psychology

1.75

Nutrition, Health, & Well Being

7.

Student Ratings

Courses

Strongly Disagree
Helpful in Exam Prep

<table>
<thead>
<tr>
<th>Courses</th>
<th>Student Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Conservation Issues</td>
<td>5.9</td>
</tr>
<tr>
<td>Epidemiology &amp; Medicine</td>
<td>4.8</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>4.8</td>
</tr>
<tr>
<td>Nutrition, Health, &amp; Well Being</td>
<td>5.9</td>
</tr>
</tbody>
</table>
Student Learning Outcomes
<table>
<thead>
<tr>
<th>Course</th>
<th>Total Percent or Points:</th>
<th>Prior Sections Mean Exam Scores</th>
<th>Current Sections Mean Exam Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary Conservation Issues</td>
<td>100%</td>
<td>Section 1: 71.21% Section 2: 74%</td>
<td>Section 1: 81.79% Section 2: 81.6%</td>
</tr>
<tr>
<td>Epidemiology &amp; Medicine</td>
<td>100%</td>
<td>76.98%</td>
<td>81.38%</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>60 points</td>
<td>45.86 Points</td>
<td>45.70 Points</td>
</tr>
<tr>
<td>Nutrition, Health, &amp; Well Being</td>
<td>75/73 Points</td>
<td>Section 1: 58.61 Points Section 2: 56.84 Points</td>
<td>Section 1: 60.19 Points Section 2: 60.65 Points</td>
</tr>
</tbody>
</table>
Librarians

• Assemble resources:
  OER Library Research Guide
  Library licensed content

• Assist with searches for course materials

• Interpret Creative Commons licenses

• Answer questions about copyright and fair use

• Provide support for content hosting in UNH Scholars’ Repository
What we do…Instructional Design

- *Consult* with Faculty — course syllabus + LO review
- *Brainstorm* — rethink possibilities
- *Identify* opportunities — enhance the learning outcomes
- *Envision* course materials/activities — students’ lens
- *Share* resource options — knowing the limitations advantages
- *Course Design* visionary — shaping content/activities for improved learning outcomes
Success - Faculty Examples

OER opens the Door…Rethinking the overall course design/structure….

Mike Mangan – Psychology

Rosemary Caron – Health Management & Policy

https://goo.gl/sfJtGt
Goal: finding low cost or free text book large class - Intro to Psychology

UNH OER resources:
http://libraryguides.unh.edu/c.php?g=326958&p=2190298

Finding open resources and images:
https://open4us.org/find-oer/#Photo/ImageSearch
Goal: finding low cost or free text book
Goal: rethink course activities

Research paper
→ converts to Twitter…Storify…..???

Storify and Tweeting about Epidemiology:
https://storify.com/ProfCaronUNH/twitter-and-epidemiology
[#hmp501]
Faculty

Catherine Moran, Department of Sociology
Jesse Morrell, Department of Molecular, Cellular & Biomedical Sciences
and Emilie Talpin, Department of Languages, Literatures and Cultures

Following slides about Emilie Talpin's experience.
WHY I APPLIED FOR THE GRANT

- Cable Green, Director of Global Learning at Creative Commons
- Level of students' debt & rise of textbooks cost
- French. Free education
- Used 60% textbook and previous OER experience
**Type of material (my own)**

- Series of grammar videos (Educreations)
- Textbook (Word doc into pdf)
Type of material (others)

- integrated OER material (library support)

Open textbooks improve learning and teaching by ensuring that every student has access to the resources needed to succeed in a course from the first day of class. Open textbooks are free or low-cost on the web and modestly priced for downloads, use on e-readers, or in bound format.

- OpenStax College
  OpenStax College offers free textbooks that meet scope and sequence requirements for most courses. These are peer-reviewed texts written by professional content developers.

- Open Textbook Library
  A catalog of open access textbooks to be reviewed by faculty members, made available by the University of Minnesota’s College of Education and Human Development. All textbooks in this catalog are openly licensed, complete, and available in print at very little cost.

- OER Commons: Open Textbooks
  This catalog contains hundreds of college-level open textbooks from higher education institutions around the world.

- BC Campus OpenEd
  Funded by British Columbia's Ministry of Advanced Education, BCcampus OpenEd has published over 40 open textbooks designed for use in first and second year undergraduate courses.

- AcademicPub
  "Mix and match text, images and rich media content from 260+ publishers in over 90 disciplines, upload your own materials and add any third party content with 100% copyright compliance."

- Webtexts
  "The open-content textbooks collection that anyone can edit."

- Textbook Media
  "Since 2004, we’ve offered college students either inexpensive or premium options for their assigned textbook. Our publications are select, quality textbooks developed by professionals, and assigned by instructors."

- Textbook Revolution
  "Textbook Revolution is a student-run site dedicated to increasing the use of free educational materials by teachers and professors. On the site you'll find links and reviews of textbooks and select educational resources."

- Global Text Project
CHALLENGES

- Video (copyright issues)
- Professional look
Thank you