Today’s Webinar

• Introductions
  • Patrick McAndrew, The Open University (United Kingdom)
  • Brandon Muramatsu, Massachusetts Institute of Technology
  • Jean Runyon, Anne Arundel Community College
  • Shelley Hintz, University of Maryland University College
  • Kathy Warner, University of Maryland University College

• Overview of the OER landscape
• Next Gen Learning Challenges grant, "Bridge to Success (B2S)"
Meet the Presenters

Patrick McAndrew
Open University

Jean Runyon
AACC

Brandon Muramatsu
MIT

Kathy Warner
UMUC

Shelley Hintz
UMUC
Understanding openness
The Open University

- 253,075 students
- 23% outside UK
- 52% undergrads below standard UK HE entry level
- 12,758 with declared disabilities
- 5,119 direct staff 1286 academic
- 7,743 associate lecturers
- 7,512 students on most popular course (Intro to Social Sciences)
Institute of Educational Technology
iet.open.ac.uk
The Gallery of Educational Innovation provides premier, digital representations of knowledge related to teaching and learning. These documented efforts at MIT and beyond provide examples for individuals, projects, departments, institutions, communities of practice, and for the simply curious.

Visitors can explore the Gallery by subject area; by theme; or by collection. Browse, learn, and get inspired!

**Featured Projects**

- **Education Collaboration Space**
  ECS is collaboration space for instructors who teach communications-intensive courses to share insights and best practices.

- **StarGenetics**
  StarGenetics provides a set of tools for analyzing genetic traits. This software simulates mating experiments between organisms that are genetically different across a range of traits and allows students to analyze the nature of the traits in...

- **StarMoSim Makes Students Better Engineers**
  The StarMoSim tool allows students to learn the concepts of good design and safe structural engineering through hands-on simulations.

**OEIT Areas**

- Linking Research and Curriculum
- Linking Content and Curriculum
- Spaces
- Outreach

[oeit.mit.edu](http://oeit.mit.edu)
Unlocking Knowledge, Empowering Minds.

Free lecture notes, exams, and videos from MIT. No registration required.

"Through OCW, I am part of a movement to help make education free and available to the world."

Clinton Blackburn
MIT student
United States

Featured Course

Art Since 1940

Focusing on objects, history, context, and critical discussion, Art Since 1940 explores art from World War II up to the present.

Image courtesy of the National Archives and Records Administration, ARC Identifier: S44851.

Previous features

OCW is grateful for the support of:
The OER Landscape
Open Educational Resources
A parable ... Stone Soup

http://www.youtube.com/watch?v=xF8VgHb_Hkl#t=2m53s (2:53 – 5:04)
OER: l’innovation du jour?

• What are Open Educational Resources?
  • We’re going to talk about OER writ large.
  • We’re not going to bore you with definitions! (Well, we’ll try!)
  • We’re not going to get all religious about OERs!
We’d like you to think about OER as an entrée to a conversation

- A conversation about teaching, crafting courses, & sharing course materials
- A conversation about collaborating with peers and even students

And, you’re probably already using Open Educational Resources!

- We’ll find out in a bit...
Do you (or your faculty)...

• Talk about courses with peers?
• Borrow course materials, teaching techniques, sources?
• What about, sharing materials?
OER is all of these things!

• At it’s heart, OER is about doing these sorts of things!

• And, it’s about encouraging sharing of materials and practices...

• And, it’s clearly communicating what others are allowed to do with the materials...
When borrowing resources...

• Do you look at the license or terms of use?
  • Huh? What are those?

• Do you provide attribution for those resources?
  • Attribution is a key aspect of research, it should be for teaching as well!

• Why or why not?
  • <discussion>
What are you allowed to do? What might you allow others?

- Instead of “All Rights Reserved”
  - Can someone else use the materials?
  - Can someone build upon or modify the materials?
  - Can they use those materials commercially?
  - Do they have to share any materials they develop the same way the materials were originally shared?

- Do these sound familiar?
The Licenses

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Have you used Flickr?

- Did you know that Flickr allows photo sharers to indicate a license?
- And that you can search for Creative Commons licensed photos?
Searching for Openly Licensed Photos at Flickr

Advanced Search

Tip: Use these options to look for an exact phrase or to exclude words or tags from your search. For example, search for photos tagged with "apple" but not "pie".

Search for

All of these words: math

None of these words:

Only search within Creative Commons-licensed content

Find content to use commercially

Find content to modify, adapt, or build upon

Or, return to the basic search without all the knobs and twiddly bits.
math_homework

I gave Katherine a hand with her math homework.

Comments and faves

whirlwind added this photo to their favorites. (63 months ago)
Do you use course materials developed by others?

- How do you find out about them?
  - Talking to peers in your department?
  - Through ITC? Other professional societies?
  - Looking through digital repositories?
  - Google searches?
- What what make them easier to use?
- How do you incorporate them into your classes? Does “Open” make it easier?
  - <discussion>
Resources for Community Colleges

- Community College Consortium for Open Educational Resources
  - www.oerconsortium.org
- Open Course Library
  - www.opencourselibrary.org
- Saylor Foundation
  - www.saylor.org
- Kaleidoscope Project
  - www.project-kaleidoscope.org
- OpenLearn and SCORE
Open Course Library

- 81 Open Courses
  - 42 publicly available in October
  - Master course -> copy for the open course
  - Faculty supported by teams of instructional designers, librarians

- www.opencourselibrary.org
Saylor Foundation

- Open online “courses”
  - Materials drawn from existing OERs, OCWs, Open Textbooks
  - Wide! range of courses
  - (Will include Open Course Library courses)
- $20K bounty on Open Textbooks that meet the needs for their courses
- www.saylor.org
Kaleidoscope Project (NGLC)

- Introductory Courses
  - Biology, writing, psychology, etc.
  - Use the best existing OERs
  - Adding embedded assessments for learning/teaching
  - Cross-institutional teams
- www.project-kaleidoscope.org

Not *that* Project Kaleidoscope: Community of STEM reformers, they do cool stuff also! www.pkal.org
Education has 132 pages - including 74 study units from our LearningSpace.

Too much? Just show me pages by...
OpenLearn

- Enhance OU reputation
- Extending reach
- Widening participation
- Experiment with courses
- Accelerate technologies
- Catalyst for collaboration
- Research base
- Recruitment of students

http://oro.open.ac.uk/17513/

Patrick McAndrew, Andreia Inamorato dos Santos, Andy Lane, Steve Godwin, Alexandra Okada, Tina Wilson, Teresa Connolly, Giselle Ferreira, Simon Buckingham Shum, Jerard Bretts and Rose Webb

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World class learning, anywhere
Warning! Content may transform your life
Open Learning: Bridge to Success

*Bridge to Success* is made possible through a Next Generation Learning Challenge grant awarded to Anne Arundel Community College, the Open University (UK), University of Maryland University College (UMUC) and Massachusetts Institution of Technology (MIT). NGLC is led by EDUCAUSE in partnership with The League for Innovation in the Community College, the International Association of K-12 Online Learning and the Council of Chief State School Officers. The Bill and Melinda Gates Foundation and the William and Flora Hewlett Foundation helped design the Next Generation Learning Challenges and fund the initiative.
By 2020, this nation will once again have the highest proportion of college graduates in the world.”

“...We seek to help an additional 5 million Americans earn degrees and certificates in the next decade...”

President Barack Obama
American Graduation Initiative
July 14, 2009
“Among more than 250,000 students who required the most mathematics remediation, only 16% completed those requirements in 3 years”

—Achieving the Dream

http://www.achievingthedream.org/NEWSROOM/clips_archive.tp
Student Success 2020

More Successful Students
# Building Blocks for College Completion

<table>
<thead>
<tr>
<th>Barriers</th>
<th>Wave 1 Challenges</th>
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<tbody>
<tr>
<td>Online course quality and modularity</td>
<td>Open courseware for developmental and general education</td>
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<tr>
<td>Learner interactivity and engagement</td>
<td>Encourage deeper forms of engagement through Web 2.0 technologies</td>
</tr>
<tr>
<td>Flexible delivery</td>
<td>Scale blended learning programs</td>
</tr>
<tr>
<td>Prediction and customization</td>
<td>Use of learning analytics by students, instructors, and advisors</td>
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B2S Courses

• Learning to Learn (available now)

• Succeed with Math (available October)
  • Math and You
  • Getting down to the Basics
  • Relationships among Numbers
This unit is for people who are thinking about making changes in their lives, such as returning to study or taking a different direction at work. It will help you build on what you already know; consider the choices open to you; use your skills and qualities to achieve change; and make plans for the future.

THIS UNIT IS STILL BEING STRUCTURALLY EDITED ALTHOUGH THE CONTENT IS VALID.
Class Announcements for 1109 LTLN199 Section 0001

Learning to Learn
Self-paced tutorial

Welcome to the Learning to Learn Community Room. In this room, we will have some discussions where you can share your experiences in the tutorial with other students, and reflect on what you learn through the tutorial.

This resource is new to students- in fact, you are the first group of UMUC students who have access to it. Therefore, we will be looking for feedback on the content and modules. Before you begin, I wanted to answer some questions you might have:

What is Learning to Learn?
Learning to Learn is an open course meant to help students assess their skills and to learn how to use those skills in college-level courses. In addition, Learning to Learn helps students understand more on how they learn, either in a formal academic setting (like a college course) or in other situations (for example, in family life). The first module of the course discusses in depth what you will discover through the rest of the tutorial. Learning to Learn is free and is not graded.

How do I access Learning to Learn?
The course is here: http://labspace.open.ac.uk/course/view.php?id=7442 This page takes you to the links for the 5 modules. Click on the Course Overview link to begin.
http://labspace.open.ac.uk/b2s
For more information about the grant visit www.b2s.aacc.edu
Summary

- OER as a conversation: Sharing, materials, practice
- OER as a continuum

• Bridge to Success:
  Learning to Learn & Succeed with Math
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Definition (OER)

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 or re-purposing by others. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge.

Open Educational Resources (OER) are an important element of an infrastructure for learning.

http://www.ed.gov/technology/netp-2010/open-educational-resources