April 12, 2013

Ditch Your Textbook: Academic Librarians Inspiring Faculty to go "Open"

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Kristina Morris Baumli, Temple University

Available at: https://works.bepress.com/marilyn_billings/54/
Ditch Your Textbook: Academic Librarians Inspiring Faculty to go “Open”

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Marilyn Billings | Scholarly Communication Librarian, University Libraries, UMass Amherst
Mei-Yau Shih | Associate Director, Center for Teaching and Faculty Development, UMass Amherst
Kristina Morris Baumli | Temple
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Students Said the Textbook was Dull

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Now They Know the Library

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UMass Amherst Profile

- Public Land-grant, Research Intensive University
- Over 28,000 students, 1200 faculty
- 108 bachelor’s, 76 masters, 50 doctorates
The UMass-Amherst Open Education Initiative: Genesis

February 2011: Temple University’s Teaching, Learning and Technology Roundtable launches e-text project

March 2011: Director of UMass Libraries and Provost establish a fund of $10,000 for open education initiative grants

March 2011: The University Libraries Open Educational Resources LibGuide is created http://guides.library.umass.edu/oer

March 2011: Workshops held for librarians to learn about OERs

April 2011: Round one of the Open Education Initiative Begins

April 2011: Workshops, consultation sessions held for faculty
Workshop & Consultation Process

- Two one-hour workshops reviewing available Open Educational Resources and library resources

- Individual consulting sessions for faculty with Scholarly Communication librarians and subject liaisons

- Topics covered: OER availability, copyright and licensing issues, accessibility concerns, creating a sustainable curriculum with OERs, managing resources in the LMS
OERs for faculty and students; local examples

Guides.library.umass.edu/oer

General OER information

Open access images and videos

Annotated list of available OERs

Copyright resources

OER insight from faculty
The Open Education Initiative: Round One

**April 2011:** OEI grant review team established. Faculty, librarians, and support staff.

**May 2011:** Deadline for OEI grants. Review team awards 11 grants to 8 faculty members.

**July 2011:** Money allocated to faculty through the Libraries’ business office.

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Course Offered</th>
<th>Number of Students</th>
<th>Savings for Each Student</th>
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<tbody>
<tr>
<td>Maria Botelho</td>
<td>Education 615</td>
<td>30</td>
<td>$105</td>
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<tr>
<td>Leda Cooks</td>
<td>Comm. 620 &amp; 694</td>
<td>12 &amp; 8</td>
<td>$150 &amp; 175</td>
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<td>Carlos Gradil</td>
<td>Animal Sciences 421</td>
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<td>Sanjiv Gupta</td>
<td>Sociology 212</td>
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<td>Miliann Kang</td>
<td>Women’s Studies 187</td>
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<td>Shona Macdonald</td>
<td>Art 697</td>
<td>12</td>
<td>$50</td>
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<tr>
<td>Charlie Schweik</td>
<td>Env. Conserv. 409 &amp; 592</td>
<td>80 &amp; 30</td>
<td>$50 &amp; $50</td>
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<td>Pam Trafford</td>
<td>Management 630 &amp; 797</td>
<td>120 &amp; 40</td>
<td>$200 &amp; $200</td>
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The Open Education Initiative: Round Two

**September 2011**: Based on the success of the OEI, the Provost and Director of Libraries co-found a second round of 15 grants.

**October 2011**: Round two launched during Open Access Week faculty panel presentation.

**November 2011**: Workshops and consultations offered.

**December 2011**: OEI review team awards 15 grants to 13 faculty members.

<table>
<thead>
<tr>
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<th>Savings for Each Student</th>
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<tbody>
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<td>Allen Barker</td>
<td>Plant, Soil Sciences 530</td>
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<td>Patricia Bianconi</td>
<td>Chemistry 342</td>
<td>45</td>
<td>$235</td>
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<td>Sergio Brena</td>
<td>Civil &amp; Envir. Eng. 433</td>
<td>80</td>
<td>$120</td>
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<td>Briinkle Chang</td>
<td>Communication 318 &amp; 491</td>
<td>35 &amp; 45</td>
<td>$70 &amp; $50</td>
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<td>Elizabeth Chilton</td>
<td>Anthropology 396</td>
<td>35</td>
<td>$75</td>
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<td>Lisa DePiano</td>
<td>Permaculture 197</td>
<td>15</td>
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<td>John Gerber</td>
<td>Plant, Soil Sciences 290</td>
<td>75</td>
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<td>Christine Hatch</td>
<td>Geoscience 297</td>
<td>58</td>
<td>$100</td>
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<td>HK Hsieh</td>
<td>Statistics 501</td>
<td>45</td>
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<tr>
<td>Laetitia La Follette</td>
<td>Art History 100 &amp; 115</td>
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<td>Daiheng Ni</td>
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<td>Nicholas Reich</td>
<td>Public Health 590</td>
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<tr>
<td>Barbara Roche</td>
<td>Journalism 397</td>
<td>15</td>
<td>$100</td>
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The Open Education Initiative: Summary of Rounds One and Two

- Total investment of $26,000
  - $11,000 in Round One, $15,000 in Round Two

- Grants awarded to 21 faculty members teaching 26 courses
  - 8 faculty, 11 courses in Round One; 13 faculty, 15 courses in Round Two

- Total of 1,616 students affected
  - Average savings of ~ $127 per student

- Total recurring savings of $205,500
Faculty OEI Support

Peer-Review by IT Minor academic program faculty

Consultation with partners prior to award

Faculty Award Letter

Hi John Q. Professor,

Congratulations! I am very pleased to let you know that you have been selected as one of the winners of an OEI grant for your proposal NANO-SCI 999RL, NCR 999RL. Your official congratulations letter from the Provost and Director of Libraries with more details will be coming through the mail in a couple of weeks.

If you'd like to get started with your course preparation during intersession, I encourage you to be in touch with your librarian liaison, Naka Ishii or Maxine Schmidt, Mei Shih in the Center for Teaching and Faculty Development, Matt Sheridan in the Scholarly Communication Office, or one of the rest of the team copied on this email.

Thank you for your interest in this new initiative,

Marilyn

Center for Teaching & Faculty Development

UMass Amherst Libraries

Liaison Assignment

Office of Information Technologies (oit)
Supporting OEI Faculty

I: Content Recommendation

II: Accessibility

II: Content Sustainability/Support
I: Content Recommendation

**Audience**
- Discipline
- Constituency

**Outcomes**
- Quality
- Assessment

**Skillset(s)**
- Faculty
- Students
Available Content: Options

Openly Accessible: OER LibGuide

Library Owned or Licensed

Faculty-created
- open textbooks
- lab manuals
Library e-Resources

e-books

Images

Video
Faculty-Created Content

Publishing Platforms

Licensing

Skillset(s)

Open Education: Free for all

UMassAmherst
Not Just a Library Concern!

How are academic institutions addressing accessibility issues with electronic content and devices?
III: Content Sustainability/Support

Resources

- 'Free' vs OPEN
- Multiple Editions?
- Navigating Copyright

Support

- Oh, the devices!
Sharing the Learning Process

Libr/OIT Get-Togethers

Reference and Instruction Services (RIS)

Teaching Commons

Programming Team

Staff Training
Continuing Partnerships

Promote Open Access initiatives

Provide expertise on metadata, author rights, usage rights, and more

Provide education and workshops

Share our work with others
Center for Teaching & Faculty Development
Goals of the CTFD

- To provide opportunities for professional development in teaching that enable student learning

- To advance new initiatives in teaching and learning (assessment, diversity, technology)

- To build communities of teaching and learning among departments, colleges, career stages

- To offer recognition and rewards for demonstrated excellence in teaching
A mind once stretched by a new idea, never regains its original dimensions

- Oliver Wendell Holmes
Work of the CTFD

- Consultations (institutional, departmental, Individual)
- Faculty Learning Communities
- Campus-wide Workshops
- Campus-wide Collaborations
- Publications
- Award/Teaching Development Grants
- Administrative Services
CTFD - Library Collaboration
Teaching/Faculty Resources

- Copyright/Intellectual property consultation
- Subject librarian liaisons
- Scholarly work /database
OEI Project Collaboration

- Review two rounds of proposals + two bigger individual proposals
- Participate/present at initial OEI workshops
- Design assessment questionnaires
- Individual faculty consultations
Faculty Survey Results

On a scale of 1 to 5, 5 being the highest

My teaching needs were met by the Open Educational Resources implemented in the course. (4.27)

Student performance improved compared to past semesters when a traditional textbook was used. (4.36)

Student engagement increased compared to past semesters when a traditional textbook was used. (4.09)
“The students are much more satisfied with the new materials; they are more engaged and more prepared than I have ever seen them.”

“Grades have improved drastically since using [Open Educational Resources] in my course...the support from the Libraries was outstanding.”

“My students are reading more, they are much more organized, and they are happy that they no longer need to spend so much money on materials.”

“I was highly satisfied with the resources provided by the Libraries, as are my students.

I received excellent technical support from the Libraries.”

“I believe in the importance of attainable resources...I didn’t have to spend money on expensive textbooks or deal with the stress of finding materials online to ship to my dorm after classes started.”
Next Steps for OEI at UMass Amherst

- Assessment of OEI courses, 2012-2013 AY
- Creation of the Faculty Senate Ad-hoc Committee on Open Educational Resources
- OEI Round Three in Fall 2012, 10 grants plus grants for 2 large general education courses
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Contact Information

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- Mei-Yau Shih, mshih@acad.umass.edu
- Kristina Morris Baumli,