

Board of Trustees Agenda Item

Board Meeting Date:

Title of Item: 2011 Report on Open Educational Resources (OER) Per Board Policy 6141 Public Domain	
Background and Analysis:	
<p>During the past year, faculty and staff at Foothill College and De Anza College participated in a 2011 Faculty Survey about OER as well as professional development efforts to promote the use of open textbooks. Based on the results of the survey, the open textbooks currently being used by faculty include: <i>Collaborative Statistics</i>, <i>Finite Mathematics</i>, <i>Exploring Business</i>, and <i>American Red Cross First Aid/CPR/AED</i>. Over two-thirds of respondents are “very likely” or “somewhat likely” to include open textbooks for review if these types of textbooks are available (67%). Respondents would be more willing to use open textbooks if: open textbooks remain a faculty decision and is not mandated; options for shipping printed copies to students are affordable; and a printed and bound instructor’s copy of the open textbook is available. Slightly more than half the respondents indicate a strong or possible interest in helping to develop, customize, and/or identify open textbooks for their classes. The top three types of support and resources that may facilitate development, customization, and/or identification of open textbooks include: Training (18%). Paid compensation or stipend, Having a development team to work with (16%). Potential savings for students is approximately \$100 per course that uses an open textbook.</p> <p>OER professional development efforts included conducting workshops and displaying information at the Etudes Summit Conference, the University Education Forum (UEF) at Apple Campus, Professional Development Day at Foothill College, AMATYC Conference, Code Camp at Foothill College, MERLOT Conference, and MERLOT Conference. In addition, Foothill College dean, Judy Baker, served on the Advisory Board for the Carnegie-Mellon Open Learning Initiative for Community Colleges (CC-OLI), maintained an active Twitter account (@OER_Center), and maintained a webpage about open educational resources.</p> <p>Foothill College managed: 1) the Community College Open Textbook Collaborative which was funded by a \$1.5 million grant from The Hewlett Foundation and a recipient of the 2010 WCET Outstanding Work (WOW) Award; 2) the Community College Consortium for OER; and the OER Center for California and its website from July 2010 through November 2010.</p>	
Recommendation: (specify if information only)	
Submitted by:	Judy Baker, Dean
Additional contact names:	
Is backup provided?	Yes

FHDA Board of Trustees
2011 Report on Open Educational Resources (OER)
Per Board Policy 6141 Public Domain
Respectfully submitted by Judy Baker, April 29, 2011

Contents

- 2011 Faculty Survey about OER
- Open Textbook Adoptions and Textbook Savings for FHDA Students
- Professional Development Efforts
- Outreach
- Projects
- Next Steps and Measures of Success - Outcomes by June 2012

2011 Faculty Survey about OER

The 2011 Faculty survey about OER was developed by Dean Baker, and Institutional Research and Planning assisted with the formatting, administration, and analysis of the online survey and its results. An email invitation with a link to the web survey was sent to full-time and part-time faculty at De Anza and Foothill Colleges soliciting their participation from March 4-11, 2011. A total of 84 faculty responded to the survey from the 1,370 who were invited. The response rate was 6.1%.

Highlights

- A majority of the respondents are full-time faculty (67%).
- Sixty percent of the respondents are employed at Foothill College.
- Biology, CIS, Health/PE, and PSME faculty represent 36% of total respondents.
- Respondents are evenly divided about whether they are aware of free and open textbooks in their discipline (50% aware and 50% not aware).
- The open textbooks currently being used by faculty include:
 - *Collaborative Statistics*
 - *Finite Mathematics*
 - *Exploring Business*
 - *American Red Cross First Aid/CPR/AED*
- Over two-thirds of respondents are “very likely” or “somewhat likely” to include open textbooks for review if these types of textbooks are available (67%).
- Respondents would be more willing to use open textbooks if:
 - Open textbooks remain a faculty decision and is not mandated (15%)
 - Options for shipping printed copies to students are affordable (14%)
 - A printed and bound instructor’s copy of the open textbook is available (14%)
- Slightly more than half the respondents indicate a strong or possible interest in helping to develop, customize, and/or identify open textbooks for their classes (54%).
- The top three types of support and resources that may facilitate development, customization, and/or identification of open textbooks include:
 - Training (18%)

- Paid compensation or stipend (16%)
- Having a development team to work with (16%)

Open Textbook Adoptions and Textbook Savings for FHDA Students

- Open Textbook Adoptions
 - De Anza College
 - *Collaborative Statistics*
 - *Applied Finite Mathematics*
 - *Exploring Business*
 - Foothill College
 - *Principles of Microeconomics*
- *Exploring Business*
 - Required for BUS 010 by Richard Brien & Jack Lynch, Business instructors
 - Traditional Cost = \$150 vs. Open = \$29.95 printed (\$0 online)
 - Savings = 70 students x \$120 = **\$8,400 per quarter**
- *Principles of Microeconomics*
 - Recommended textbook for ECON 001B by Brian Evans, Economics instructor at Foothill college
 - Traditional Cost = \$115 vs. Open = \$30 printed (\$0 online)
 - Savings = 70 students (2 sections) x \$85 = **\$5,950 per quarter**
- Collaborative Statistics, required textbook for MATH 010 by several faculty at De Anza College
 - Traditional Cost = \$138 vs. Open = \$37 printed (\$0 online)
 - Estimated savings = 700 students (20 sections) X \$101 = **\$70,700 per quarter**
- *Applied Finite Mathematics* open textbook required by Math instructor, Rupinder Sekhon
 - Traditional Cost = \$120 vs. Open = \$20 printed (\$0 online)
 - Estimated Student Savings = 210 students (6 sections) x \$100 = **\$2,100 per quarter**

Professional Development Efforts

LINC-090B-01W Open Educational Resources

One-unit course scheduled for the 2011 summer session at Foothill College

Open Textbooks Foster Collaborative Sharing of Learning Resources seminar

Conducted by Judy Baker, representing Foothill College

Etudes Summit Conference, Long Beach, CA

May 5, 2011

Open Educational Resources for Career Education Workshop/Webinar

Conducted by Jacky Hood and Una Daly, representing Foothill College

April 21, 2011

Foothill College, Los Altos Hills, CA

Content-Centric OER as Untenable: Means vs. Ends
Presented by Judy Baker, representing Foothill-De Anza CCD
University Education Forum (UEF) at Apple Campus in Cupertino, CA
April 4, 2011

Display about Open Textbooks
Staffed by Jacky Hood and Una Daly
Professional Development Day at Foothill College
Jan 28, 2011

How Open Licensing Improves Textbooks and Careers
Presented by Barbara Illowsky, representing De Anza College
AMATYC Conference, Boston, MA
November 12, 2010

Open Educational Resources
Professional Development Workshop at Foothill College
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Nov 10, 2010

Open Textbooks Workshop
Presented by Una Daly, representing Foothill College
Code Camp at Foothill College
October 9, 2010

Adopting Open Textbooks Workshop
MERLOT Conference, San Jose, CA
Presented by Una Daly, Brian Evans representing Foothill College
July 23, 2010

Costs and Benefits of Open Textbooks
MERLOT Conference, San Jose, CA
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July 21, 2010

Outreach

- Judy Baker has served on the Advisory Board for the **Carnegie-Mellon Open Learning Initiative for Community Colleges (CC-OLI)** since October 2009.
- Foothill Global Access maintains a **Twitter** account @OER_Center with posts about OER which now has 548 followers.
- Foothill Global Access maintains a **webpage** about open educational resources at <http://www.foothill.edu/fga/opencontent.php>.

Projects

- Foothill College managed the **Community College Open Textbook Collaborative** (<http://collegeopentextbooks.org>) which was funded by a \$1.5 million grant from **The Hewlett Foundation**
 - The "**Community College Open Textbook Collaborative Project**" was a recipient of the 2010 WCET Outstanding Work (WOW) Award. The WOW Award recognizes outstanding efforts by WCET members in implementing technology in higher education, especially in outstanding innovation, quality improvement, or achievements in using educational technology tools, techniques, or services. Award presented at WCET's Annual Conference in November 2010 in La Jolla, California.
 - Identified and posted links to 671 open textbooks suitable for adoption at community colleges; conducted and posted over 140 peer reviews of open textbooks in terms of quality; conducted and posted reviews of 100 open textbooks in terms of compliance with accessibility requirements
 - Conducted formal training in promoting the use of OER for over 2,000 faculty across the country; of those trained, 60 faculty became OER Advocate/Trainers on their own campuses
 - Recruited 763 individual members
- Foothill College managed the **Community College Consortium for OER** (<http://oerconsortium.org>)
 - Launched in July 2007 and managed by Foothill College, currently has 216 institutional members
 - Goal : To identify, create and/or repurpose existing OER as Open Textbooks and make them available for use by community college students and faculty
 - Objective : Seeking the support of faculty to identify, review, evaluate, and make available high quality, accessible and culturally relevant model Open Textbooks
 - 141,851 visits to website between February 2008 and April 2011
 - Completed transition of administration of OER consortium from Foothill College to OCW Consortium on April 15, 2011
- Foothill Global Access managed the **OER Center for California** and its website from July 2010 through November 2010 (<http://grou.ps/oercenter>).

Next Steps and Measures of Success - Outcomes by June 2012

- Identify at least two faculty OER champions
- Conduct at least two OER professional development events about OER
- Increase number of faculty at FHDA trained in OER use and development
- Increase number of Open Textbooks used by faculty at FHDA
- Increase number of Open Textbooks developed by faculty at FHDA
- Partner with OCW and other organizations involved with OER

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