

## **Board of Trustees Agenda Item**

**Board Meeting Date:**                  June 4, 2012

<b>Title of Item:</b> 2012 Report on Open Educational Resources (OER) Per Board Policy 6141 Public Domain	
<b>Background and Analysis:</b>	
<p>During the 2011-2012 academic year, faculty at Foothill College and De Anza College saved students an estimated total of \$165,267 in textbook costs by adopting open textbooks for math, business, economics, and health courses.</p> <p>Foothill-De Anza Community College District faculty developed two open textbooks as proof- of-concept.</p> <p>Professional development efforts about open educational resources included conducting a 3-hour webinar hosted by EDUCAUSE Learning Initiative and scheduling workshops at Foothill College.</p> <p>Foothill-De Anza Community College District faculty and staff assisted several broad efforts to address OER and open textbook issues:</p> <ul style="list-style-type: none"> <li>• California Community College Chancellors Office’s statewide “OER, Affordable Content Task Force”</li> <li>• Senate President Pro Tem Darrell Steinberg’s office staff about Senate Bill <i>1052</i> (Steinberg-Alquist) <i>Digital Open Source Textbooks</i></li> <li>• Advisory Board of the Community College Consortium for OER</li> <li>• Advisory Board for the Carnegie-Mellon Open Learning Initiative for Community Colleges (CC-OLI)</li> <li>• OpenCourseware Consortium (OCW) Consortium</li> <li>• Cuyahoga Community College</li> <li>• Foothill-De Anza Foundation</li> </ul> <p>During the summer of 2011, Foothill College turned over management of</p> <ol style="list-style-type: none"> <li>1) the Community College Open Textbook to the Open Doors Project, and</li> <li>2) the Community College Consortium for Open Educational Resources to the OpenCourseWare (OCW) Consortium.</li> </ol>	
<b>Recommendation:</b> Information only	
Submitted by:	Judy Baker, Dean
Additional contact names:	
Is backup provided?	Yes

**FHDA Board of Trustees**  
**2012 Report on Open Educational Resources (OER)**  
**Per Board Policy 6141 Public Domain**

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**Open Textbook Adoptions and Textbook Savings for FHDA Students (2011-2012)**

- Open Textbook Adoptions in 2011-12 Academic Year
  - **De Anza College (TOTAL Estimated Student Savings = \$ 144,099)**
    - *Applied Finite Mathematics*
    - *Collaborative Statistics*
    - *Exploring Business*
    - *Principles of Macroeconomics*
  - **Foothill College (TOTAL Estimated Student Savings = \$ 21,168)**
    - *Principles of Macroeconomics*
    - *Health Education*
  - *Applied Finite Mathematics*
    - Required for MATH 011 by several Mathematics instructors at De Anza College
    - Traditional Cost = \$201 vs. Open = \$13 printed (\$0 online)
    - Estimated Student Savings = 182 students x \$188 = \$34,216 per quarter
  - *Collaborative Statistics*
    - Required for MATH 010 by several Mathematics instructors at De Anza College
    - Traditional Cost= \$129 vs. Open = \$41 printed (\$0 online)
    - Estimated Student Savings = 852 students X \$88 = \$74,976 per quarter
  - *Exploring Business*
    - Required for BUS 010 by Richard Brien, Michele Fritz Nick Voyvodich, and Lale Yurtseven, Business instructors at De Anza College
    - Traditional Cost = \$139 vs. Open = \$41 (\$0 online)
    - Estimated Student Savings = 200 students x \$98 = \$19,600 per quarter
  - *Principles of Macroeconomics*
    - Required textbook for ECON 1 by Stephen Blohm, Economics instructor at De Anza College
    - Traditional Cost = \$144 vs. Open = \$41 printed (\$0 online)
    - Estimated Student Savings = 43 students x \$103 = \$4,429 per quarter

- *Principles of Microeconomics*
  - Required textbook for ECON 002 by Stephen Blohm, Economics instructor at De Anza College
  - Traditional Cost = \$153 vs. Open = \$42 printed (\$0 online)
  - Estimated Student Savings = 98 students x \$111 = \$10,878 per quarter
- *Principles of Macroeconomics*
  - Required textbook for ECON 001A by Brian Evans, Economics instructor at Foothill College
  - Traditional Cost = \$144 vs. Open = \$41 printed (\$0 online)
  - Estimated Student Savings = 51 students x \$103 = \$5,253 per quarter
- *Principles of Microeconomics*
  - Required textbook for ECON 001B by Brian Evans, Economics instructor at Foothill college
  - Traditional Cost = \$153 vs. Open = \$42 printed (\$0 online)
  - Estimated Student Savings = 138 students x \$111 = \$15,318 per quarter
- *Health Education*
  - Required textbook for by Judy Baker, adjunct health instructor at Foothill College
  - Traditional Cost = 60 students x \$97.50 vs. Open = \$0 online version
  - Estimated Student savings = \$5,850 per quarter

## **Professional Development Events and Presentations**

Spring Quarter 2012

LINC 090B-01W Open Educational Resources

One-unit course scheduled for the 2012 spring quarter at Foothill College

Instructor: Linda Ullah

March 9, 2012

Judy Baker presented on “Development of a Health Education Open Textbook” at the Open Education Week: The Value of Open Education to Community Colleges webinar hosted by Community College Consortium for Open Educational Resources

Feb. 3, 2012

“Interview with Dr. Judy Baker” video about open textbooks and OER developed and posted to YouTube for Open Education Week (see <http://www.youtube.com/watch?v=sDucvfVKQko>)

Jan. 29, 2012

“Dr. Barbara Illowsky Faculty Co-Author of Collaborative Statistics” video posted to YouTube

January 24, 2012

“Freebies for Faculty” Foothill College Professional Development session scheduled

November 1, 2011

“Open Content for Open Minds”

EDUCAUSE Learning Initiative 2011 Online Seminar, <http://net.educause.edu/eli118>

3-hour ELI webinar, Conducted by Dr. Judy Baker

## Memberships

- Foothill College is a member-at-large of the **Advisory Board of the Community College Consortium for OER** (<http://oerconsortium.org>)
- Foothill College is a member of the **OpenCourseware Consortium (OCW) Consortium**
- Foothill Global Access represents Foothill College on the Advisory Board for the **Carnegie-Mellon Open Learning Initiative for Community Colleges (CC-OLI)** since October 2009

## Outreach and Networking

- February 3, 2012 - Judy Baker participated in the first meeting of the statewide “OER, Affordable Content Task Force” which is discussing ways in which the California Community College Chancellors Office can support, encourage, and champion efforts to provide open and affordable content to students and instructors in the system
- January 25, 2012 - Barbara Illowsky met with Senate President Pro Tem Darrell Steinberg’s office staff to discuss Senate Bill 1052 (Steinberg-Alquist). *Digital Open Source Textbooks* (see <http://sd06.senate.ca.gov/sites/sd06.senate.ca.gov/files/SB%201052%20Fact%20Sheet.pdf>)
- Jan. 23, 2012 - Provided information to Le Baron Woodyard, Dean, Academic Affairs, Chancellor's Office, California Community Colleges, regarding open textbooks and pending legislation
- Sept. 16, 2012 - Provided information about OER and open textbooks to Jennifer Dirking, Associate Director of Foothill-De Anza Foundation
- Aug 15, 2012 - Provided information about OER to Danielle Budzick, Interim District Director, Teaching, Learning & Academic Professional Development, Cuyahoga Community College

## Promotion of Open Educational Resources

- Foothill Global Access provided individual Foothill College faculty and deans with links to new open textbooks in their specific teaching disciplines
- Dr. Judy Baker developed an open textbook on health education during Winter Quarter 2012 for HLTH 021 Health Education course which is scheduled in 2012 Spring Quarter at Foothill College
- Foothill Global Access maintains a Twitter account (@OER\_Center) with posts about OER which now has 858 followers and 1,068 tweets
- Foothill Global Access maintains webpages about open educational resources at <http://www.foothill.edu/fga/opencontent.php>
- *Mercury News* editorial: “Valley should support online textbook movement” quoted Barbara Illowsky about Collaborative Statistics open textbook adopted at De Anza College on (see [http://www.mercurynews.com/opinion/ci\\_19533735](http://www.mercurynews.com/opinion/ci_19533735)), Dec. 12, 2011 -

- *Collaborative Statistics 2<sup>nd</sup> Edition* by De Anza College's Barbara Illowsky and Susan Dean published as an interactive open e-book by 20 Million Minds Foundation and distributed by Kno (see <https://www.kno.com/book/details?productId=txt9780983804905>), Oct. 19, 2011 -
- Interview titled "Bringing Open Education to Community Colleges: Dr. Judy Baker Introduces the Community College Consortium for Open Educational Resources" posted to Education Insider blog on (See [http://education-portal.com/articles/Bringing\\_Open\\_Education\\_to\\_Community\\_Colleges\\_Dr\\_Judy\\_Baker\\_Introduces\\_the\\_Community\\_College\\_Consortium\\_for\\_Open\\_Educational\\_Resources.html](http://education-portal.com/articles/Bringing_Open_Education_to_Community_Colleges_Dr_Judy_Baker_Introduces_the_Community_College_Consortium_for_Open_Educational_Resources.html)), June 22, 2011

## **Changes**

- During the summer of 2011, Foothill College turned over management of 1) the Community College Open Textbook to the Open Doors Project, and 2) the Community College Consortium for Open Educational Resources to the OpenCourseWare (OCW) Consortium.

## **Next Steps and Measures of Success - Outcomes by June 2013**

- Identify at least one faculty OER champion
- Conduct at least one OER professional development event about OER
- Increase number of faculty at FHDA trained in OER use and development
- Increase number of open textbooks adopted by faculty at FHDA