# Open Educational Resources ~ Equity for All!

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This presentation is adapted from CCCOER.org & CCCOEI presentations

## College Ready, Hungry, and Homeless

**AN OVERVIEW OF BASIC NEEDS INSECURITY IN CALIFORNIA’S PUBLIC HIGHER EDUCATION SYSTEM**

*Speaker’s Office of Research and Floor Analysis*  
*July 2018*

<table>
<thead>
<tr>
<th></th>
<th>CCC</th>
<th>CSU</th>
<th>UC</th>
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<tbody>
<tr>
<td><strong>Tuition and Fees</strong></td>
<td>$1,104 ($46/unit x 12 units)</td>
<td>$5,742 plus campus-based fees</td>
<td>$12,630 plus campus-based fees</td>
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<tr>
<td><strong>Total Cost of Attendance</strong></td>
<td>$12,871 with family</td>
<td>$25,640 on campus</td>
<td>$34,700 on campus</td>
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<tr>
<td></td>
<td>$20,639 off campus</td>
<td>$26,164 off campus</td>
<td>$31,600 off campus</td>
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<tr>
<td><strong>% Covered by Grant Aid</strong></td>
<td>33%</td>
<td>50%</td>
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Key Data Points

• Grants cover ~ 1/3 of total cost at CCC
• 83% of grants from College Promise (formally Board of Gov’r Grants – CCC only)
• Recently ~ 40% CCC have food insecurity
• Recently ~ 25% CCC experienced homelessness

Housing Insecure 50%
Homeless 14%
Food Insecure 55%
Hungry 36%
Risk Factors for Food Insecurity

• Disability
• First-generation student
• Former foster youth
• Housing insecure
• Low income
• Single parent
• Receiving food stamps

Source: US GAO Report to Congressional Requesters, December 2018: Food Insecurity

How much food can $200 (textbook cost) buy?
Is there “textbook” problem?
Student Impact

Survey of 2039 college students at 156 campuses across 33 states
Source: Fixing the Broken Textbook Market, 2014

- 48% take fewer classes or different classes
- 65% choose to not buy textbook
- 94% report concern that grades affected
Equity and Social Justice include each student having access to required course materials on Day 1 of the course!

Source: https://www.aei.org/publication/wednesday-afternoon-links-30/ 10/25/17
Do you know?

- Pick one course you teach
- Estimate textbook cost:
  - New
  - Used
  - Rent
  - Digital

http://www.deanza.edu/bookstore/

De Anza College Bookstore:
http://www.deanza.edu/bookstore/textbooks/oer.html

Find your class and click on the title to access the OER:

- ANTH 1: “The Age of Reason” by Paine
- ASTR 4f10: “Astronomy” by Frankriew, et al., OpenStax College
- BIOL 1B: “Concepts of Biology” by Fowler, et al., OpenStax College
- BUS 10: “Exploring Business” by Collins, Creative Commons Attribution
- BUS 56: “Human Relations” by Diaz, Creative Commons Attribution
- BUS 87: “The Power of Selling” by Richmond, Creative Commons Attribution
- CHEM 1A/BVC: “Chemistry” by Flowers, et al., OpenStax College
- C 1D 56: “Preschool English Learners: A Resource Guide” California Department of Education
- CIS 33A: “Learning React” by Schwartz Roy & Phoenix, O’Reilly Media
- CIS 404A1: “Think Python” by Downey, Green Tea Press
- CIS 64F: “Mining of Massive Datasets” by Leskovec
- COMM 11/12: “The Public Speaking Project Book” Creative Commons Attribution
- COMM 7 & 10: “Communication in the Real World: An Introduction to Communication Studies” by Jones, Creative Commons Attribution
- COMM 10: “A Primer on Communication Studies” by Schmitz, Creative Commons Attribution
- COMM 10: “Stand Up, Speak Out: The Practice & Ethics of Public Speaking” by Wrench, et al., Creative Commons Attribution
- COMM 70: “An Introduction to Organizational Communication” by Wrench & Punyanunt-Carter, Creative Commons Attribution
Compare

OpenStax College:
Online & download: free
Hardcopy via bookstore
Transfers to CSU & UC
http://openstaxcollege.org

ebook - FREE
pdf - FREE
Kindle - FREE
Bookshare - FREE
iBook - $6.99
Hard copy - $29.00

BIO 10 ~ WINTER 2019
DE ANZA

CAMPBELL BIOLOGY:CONCEPTS+CONNECT.-TEXT
REECE 9TH 18 9780134296012

RECOMMENDED
More info...
Rental Due Date: 3/29/2019
Rental Agreement

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What’s OER?

Teaching, learning & research resources in any medium that reside in the PUBLIC DOMAIN OR have been released under an intellectual property license to allow free use and repurposing.

Examples

• Lesson plans
• Open Courseware
• Open textbooks
• Videos
• Images
• Tests
• Software
• Tools, materials, or techniques to access knowledge freely
With OER ~

✓ Access to materials on first day of class

✓ Free online, low-cost print option

✓ Relevant and current content

✓ Faculty control of content

Faculty Choice

• No more including extra chapters

• No requirement to change versions every few years

• Customize instructional materials to match students and course outcomes

• Many open textbooks have ancillaries
Savings over 11 years ~

One course, one OER text, one college*:

Estimated student savings of ~$3,000,000+

*Elementary Statistics using Collaborative Statistics at De Anza College since 2008-09 academic year
Elementary Statistics using Introductory Statistics at De Anza College since January 2014

Student Quotes

• “I felt really proud [because] I had my own book.”

• “[The] first couple of weeks, I’m stressing [when I can’t afford my books].”

• “For 50 minutes each day, I don’t feel like the poor kid in the class [because I have access to the OER text].”
What can YOU do?

• Textbooks are faculty decisions in colleges, so meet with faculty
• Choose OER for supplemental materials for developmental education & college courses
• Encourage students to meet with college student government to discuss textbook affordability
• Enroll students in courses with zero textbook cost designation
• Provide faculty incentives for adapting OER & using them instead of traditional textbooks

... community college associate degrees or career technical education certificates earned entirely by completing courses that eliminate conventional textbook costs by using alternative instructional materials and methodologies, including open educational resources ...

CA Education Code Section 78052(a)
What can YOU do?

✓ Choose to listen to students
✓ Tell students about OER
✓ Empower students with OER
✓ Include ZTC degrees in equity plans
✓ Include ZTC degrees in pathway plans
✓ Connect with the community
✓ Learn more

CVC-OEI ~ OER: https://cvc.edu/faculty-resources/open-educational-resources/
To learn more...

https://www.oeconsortium.org/

https://www.ccccoer.org/

http://cvc.edu/faculty-resources/open-educational-resources/

Questions????

Many thanks!

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