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Open Education (2017 Nebraska ACRL Scholarly Communication Roadshow, University of Nebraska-Lincoln)

William M. Cross

North Carolina State University, wmcross@ncsu.edu

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Cross, William M., "Open Education (2017 Nebraska ACRL Scholarly Communication Roadshow, University of Nebraska-Lincoln)" (2017). *Copyright, Fair Use, Scholarly Communication, etc.* 53.

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Open Education

Will Cross

University of Nebraska-Lincoln

July 12, 2017



Agenda

A broken model for education

Defining open education

Open education in action

Library support for open education

Working at the national level



What's the most
you've ever spent on
a textbook?

"Books" By Free Photos.
Licensed CC0



A Broken Marketplace for Textbooks



Students as captives, not consumers

HIGHER ED

The Number Of Hungry And Homeless Students Rises Along With College Costs

February 8, 2017 · 5:00 AM ET
Heard on All Things Considered

KIRK CARAPEZZA

FROM 89.7 WGBH
Boston's Local NPR



LA Johnson/NPR

There's no way to avoid it. As the cost of college grows, research shows that so does the number of hungry and homeless students at colleges and universities across the country.



The Average Student Should Budget

\$1,230 - \$1,390

\$1,070 at Nebraska-Lincoln

LOWER YOUR
RX DRUG COSTS

KITCHEN MAKEOVER
BUYING GUIDE

SEAT BELT
SAFETY SHOCKERS

ConsumerReports®

**"I KIND OF
RUINED MY LIFE
BY GOING
TO COLLEGE."**

—JACKIE KROWEN, 32, PORTLAND, OREGON
\$152,000 IN STUDENT DEBT

42 million people owe \$1.3 trillion in student debt.
How we made this mess, who's to blame, and what you can do about it.

RATINGS

REFRIGERATORS | DISHWASHERS | RANGES



Please display at checkout
and maintain until August 1, 2016.



The Average Borrowers Owes More than

\$30,100

\$23,307 in Nebraska



**INSIDE
HIGHER ED**

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Reprimand Upheld for Professor Who Wouldn't Assign \$180 Text

Fullerton faculty panel finds faculty member broke rules by deviating from departmental choice, but also finds dep. in place.

By **Scott Jaschik** // November 9, 2015

17 COMMENTS

The president of California State University at Fullerton is standing by the university's reprimand of a professor who refused to assign a \$180 textbook for his section of a multisection course.



Alain Bourget

Mildred Garcia, the president, **announced** that decision after a faculty review panel couldn't reach a decision on what to do about the case, which has **become a cause célèbre among those advocating a move away from expensive textbooks.**

The panel found that the professor, Alain Bourget, indeed violated the university's and department's rules when he assigned another textbook (at a price of \$75) along with free online materials in place of the more expensive choice of his department. But the panel also found that the mathematics department failed to follow **the guidelines of the American Association of University Professors** about imposing a departmental book choice on all faculty members who teach multisection courses.

That's important because Fullerton cited the AAUP in originally defending the reprimand given to Bourget. And Fullerton is correct that the AAUP does give departments the right to select books for all sections of multisection courses.

Many instructors also want better materials

- So all students can participate
- So their voice can shine through
- So their discipline can be represented
- So they can use new technologies and pedagogies



A multi-institutional study of the impact of open textbook adoption on the learning outcomes of post-secondary students

Authors

[Authors and affiliations](#)

Lane Fischer , John Hilton III, T. Jared Robinson, David A. Wiley

[Open Access](#) | Article

First Online: 22 September 2015

DOI: [10.1007/s12528-015-9101-x](https://doi.org/10.1007/s12528-015-9101-x)

Cite this article as:

Fischer, L., Hilton, J., Robinson, T.J. et al. J Comput High Educ (2015) 27: 159.
[doi:10.1007/s12528-015-9101-x](https://doi.org/10.1007/s12528-015-9101-x)

10

Citations

236

Shares

Abstract

In some educational settings, the cost of textbooks approaches or even exceeds the cost of tuition. Given limited resources, it is important to better understand the impacts of free open educational resources (OER) on student outcomes. Utilizing digital resources such as OER can substantially reduce costs for students. The purpose of this study was to analyze whether the adoption of no-cost open digital textbooks significantly predicted students' completion of courses, class achievement, and enrollment intensity during and after semesters in which OER



Open Education



“Open educational resources are teaching and learning materials that are freely available online for everyone to use, whether you are an instructor, student or self-learner.”



Reuse

- Use the content in its unaltered form

Revise

- Adapt, adjust, modify, improve, or alter the content

Remix

- Combine the original or revised content with other OER to create something new

Redistribute

- Share copies of the original content, revisions or remixes with others

Retain

- Keep access to the materials after the learning event



Attribution



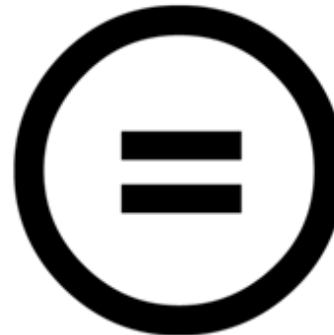
Compulsory - Must always **credit** me.

Noncommercial



Use it but don't make **money**

Non- Derivatives



Your version must **equal** mine - no changes

Share alike



If I allow you to change it, **repeat** my CC **licence**



Open Textbooks

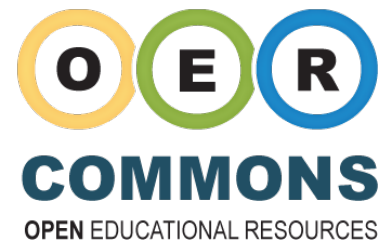
Traditional textbooks with lessons, exercises, and reference materials





Open Learning Materials

*Modular resources ranging
from single exercises to
lesson plans or digital tools*





Open Courses

*Entire courses with
progressive instruction in a
unified topic*





IMPACT STORIES

Reducing Textbook Cost to \$0: Tidewater Community College

Open Education



A switch to OER could translate into millions in textbook cost savings to students and taxpayers.



Advantages to Open Education

- Cost Savings for Students
- Retention
- Flexibility for Instructors
- New Voices New Departments



Barriers to Adoption





Barriers to Adoption

- Lack of knowledge
- Lack of trust
- Too much work
- No OER that fit



Library Support for Open Education

Outreach and Support

- Connect with campus stakeholders
- Assist instructors wanting to use OER
- Support instructors wanting to create OER
- Support students needing course assistance via OER



Stakeholders



Stakeholders

- Instructors
- Instructional designers
- Center for Teaching & Learning
- Bookstore
- Administration
- Students and student government



Exercise: *Finding Partners*



At your table, identify specific partners on campus that can help with an OER program. What can they add and what gaps still need filling?



Working with Instructors



Working With Instructors To **Adopt** an Open Educational Resource



- Know the resources
- Identify and evaluate texts and supplemental materials
- Create a course guide for the course, linking to the different OER that is used



Working With Instructors To **Create** an Open Educational Resource



- Know the resources
- Educate instructors on copyright and licensing
- Support sharing with an IR or library publishing apparatus

Mini-Grant Programs

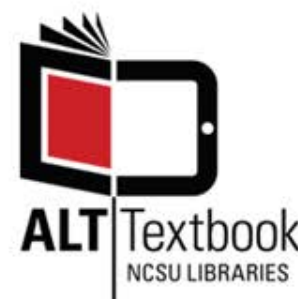


- Encourage adoption
- Support development
- Incentivize participation through reviews, publicity, etc.
- Many models: Temple, UMass-Amherst, NC State

[Alt-Textbook Project](#)[Call for Proposals](#)[Faculty Guide to OERs](#)[Projects](#)

Alt-Textbook Project

NCSU Libraries awards grants to faculty to adopt, adapt, or create free or low-cost alternatives to expensive textbooks. In the Fall 2014 term, the NCSU Libraries awarded a first round of grants, saving NC State students more than \$250,000 in the one year. The second round of Alt-Textbook projects are underway, expected to save students over \$100,000 more.



How to Apply

Complete the [Call for Proposals](#) form with information about your course and a brief narrative describing your proposed alternative to a commercial textbook. All current faculty members of NC State University teaching courses in Spring or Fall 2017 are eligible to apply. To learn more, or to schedule a consultation, contact the [Copyright & Digital Scholarship Center](#).

Information Sessions

There are no scheduled information sessions. For more information, [contact us](#).

Open Textbooks and NCSU Libraries

The NCSU Libraries is committed to fostering change in the current textbook publishing environment. The Libraries' [Copyright and Digital Scholarship Center](#) is available to partner with faculty members on licensing resources, using digital repositories, and creating and publishing their own open educational resources. The Alt-Textbook Project will empower faculty to innovate pedagogically, enhance access for NC State students to high-quality, tailored



Kris Alpi
Project Design



Anne Burke
Course Design



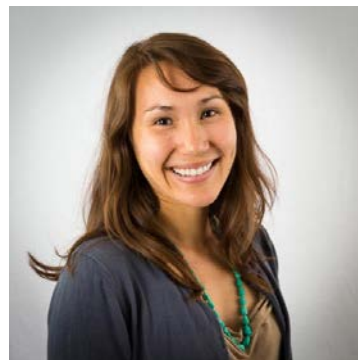
Alex Carroll
Faculty Engagement



Will Cross
Copyright



Brian Pugsley
Student Experience



Hannah Rainey
Education



Lillian Rigling
Open Culture



Jason Ronallo
Digital Projects



Open Access

KU Libraries

[Get Started](#)[Initiatives](#)[Policy Resources](#)[OER](#)[Shulenburg Award](#)[News](#)[Contact](#)

KU Libraries' OER Grant Initiative

The cost of textbooks has become a significant barrier to student success and learning. The goal of the KU OER Grant Initiative is to support the adoption, adaption, and creation of open educational resources (OER) by KU faculty/instructors and encourage their use at KU to positively impact students. Faculty/instructors may apply for up to \$5000 to implement OER in their courses. General information about OER is available at <http://guides.lib.ku.edu/oer>.

Individuals, teams, and departments/programs may submit proposals describing a project to:

- Adopt an existing open textbook (or other educational resource); up to \$1,000
- Adapt existing open educational resources to your instructional needs; up to \$2,500
- Create an open educational resource where none currently exist; up to \$5,000

This initiative is funded by gifts to the KU Parents' Campaign and is managed by the Libraries' Shulenburg Office of Scholarly Communication & Copyright. Please contact Scholarly Communication Librarian Josh Bolick jbolick@ku.edu if you have questions about this initiative.

- [About the grant](#)
- [Eligibility of applicants and projects](#)
- [How to apply](#)

Contact

Ada Emmett

Librarian

*Director, Shulenburg Office of Scholarly
Communication & Copyright, KU Libraries*

aemmett@ku.edu

785-864-8831

Josh Bolick

Scholarly Communication Librarian

*Shulenburg Office of Scholarly
Communication & Copyright, KU Libraries*

jbolick@ku.edu

785-864-1828

Marianne Reed

Digital Initiatives Coordinator

*Digital Initiatives & Discovery Services, KU
Libraries*

mreed@ku.edu



Exercise: *Engaging with Faculty Instructors*



At your table, discuss how an OER program could:

- *Get instructors' attention*
- *Engage them with OER*
- *Support adoption*



Working with Students



Working With Students to Increase Student Success



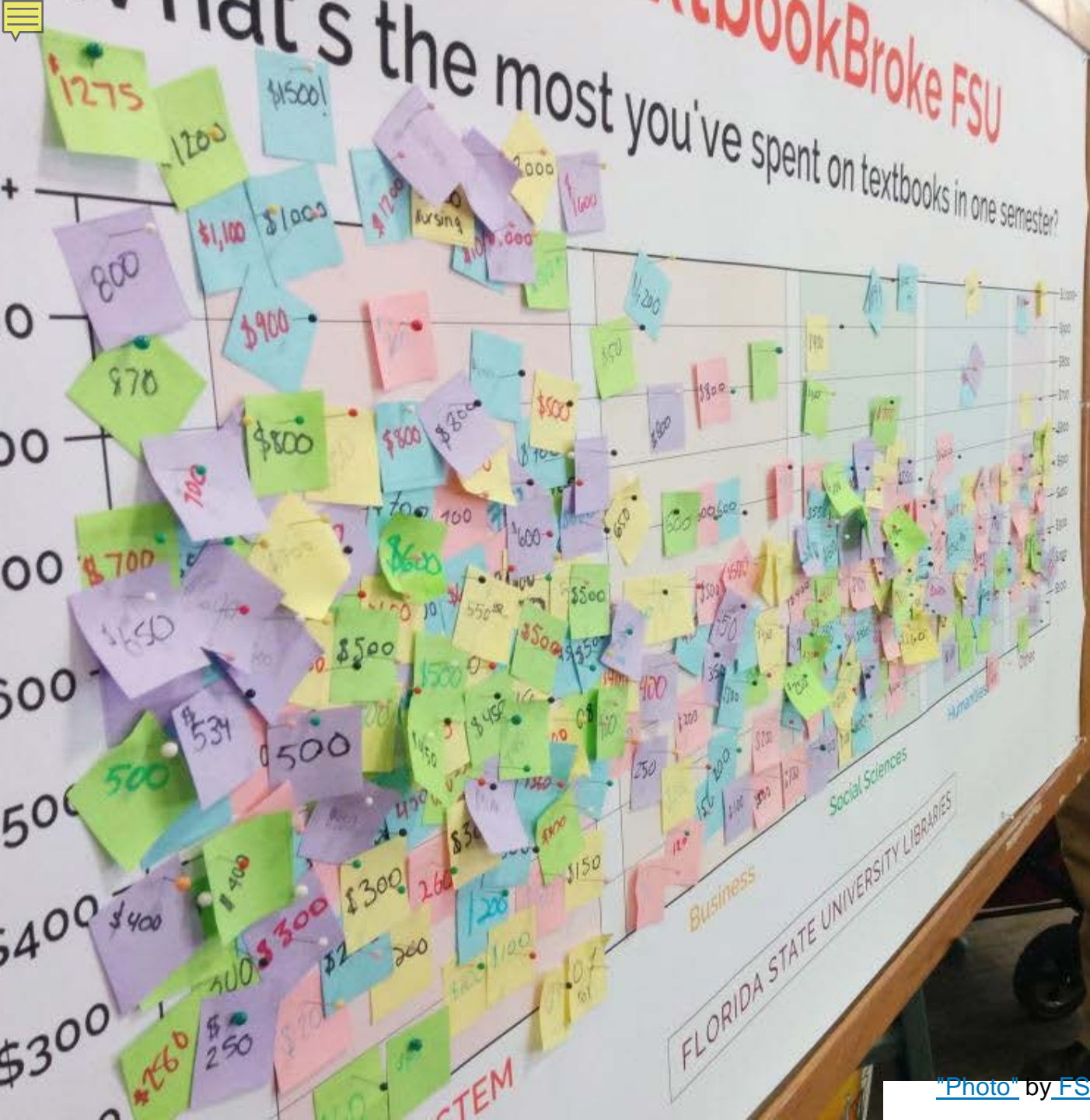
- Identify supplemental open materials
- Textbook lending
- Free and reduced cost materials



Working With Students to Advocate for Open Education



- Work with student government
- Tell students' stories
- Connect them with other campuses through #TextbookBroke





Open Education at the National Level



National Efforts

- Department of Education Requirements
- Franken-Durbin Bills
- National advocacy



Community Efforts

- Collaborate with peers
- Work at the system or consortium level
- Develop economies of scale
- Share stories to model good behavior



About

About Us

Affordable Learning Georgia (ALG) is:

- A University System of Georgia (USG) initiative to promote student success by providing affordable textbook alternatives
- A one-stop service to help USG faculty and staff identify lower-cost, electronic, free, and open educational resources (OER), building on the cost-effective subscription resources provided by GALILEO and the USG libraries
- A California State University-MERLOT partner benefit service

Affordable Learning Georgia helps to fulfill the University System of Georgia Strategic Plan Imperative 1:

Reaffirm Commitment to Collegiate Access and Affordability: The USG will maintain its longstanding commitment to collegiate access, affordability, and value.

To learn more about how open educational resources and open textbooks can move affordability, choice, and accessibility forward, check out our [OER Research Collection](#) page.

SPARC Libraries & OER Forum

Open Education



Join our vibrant community of academic and research librarians working to advance Open Education on campus.

SHARE



The SPARC Libraries & OER Forum is a network of academic and research librarians interested in open educational resources (OER) connected through a public e-mail discussion list and monthly calls. The goals of this forum are:

- Enable librarians (and others connected to the library community) to share ideas, resources and best



☐ Don't show again



Welcome to the OER World Map!

Our goal is to provide the most complete and comprehensible picture of the global Open Educational Resources (OER) movement.

Information is collected on people, organizations, services, projects and events related to OER.

Building the map is a collaborative process. You can [contribute!](#)

Currently on the Map



Organization Project Service Person Story Event Publication

811 389 374 225 118 116 31

[More Statistics](#) - [Recent Additions](#)

Announcement

Search the map ...



Questions?



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<https://docs.google.com/document/d/14LLYZoi8es6vVsMDF9zrbPYBwVHu1lvdt5tccw aJLs/edit>

Challenges to Open Education

- Lacking the cachet of traditionally published texts
- More difficult to find than traditionally published texts
- More time intensive to use