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Open Textbooks at George Fox University, Starting Year 3

Robin M. Ashford

George Fox University, rashford@georgefox.edu

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Open Textbooks George Fox University Fall 2018, Starting Year 3

Funding provided by George Fox Library Textbook Affordability Program

Robin Ashford, Digital Learning, Research & Instruction Librarian

Gloria Doherty, Digital Learning Director

What Are Open Textbooks?

Open textbooks are open educational resources (OERs)

- Open educational resources are free and openly licensed educational materials that can be used for teaching, learning, research, and other purposes.

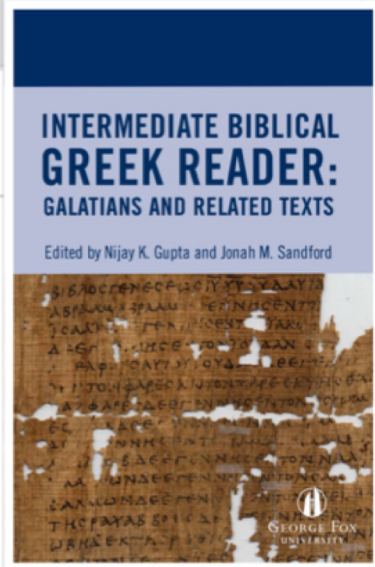
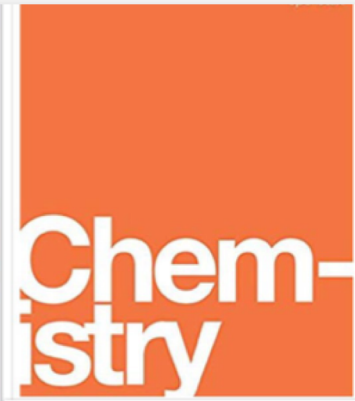
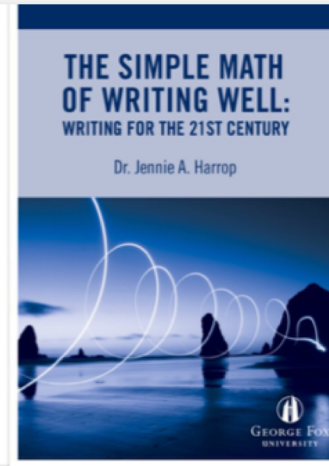
An emerging development in OER is open textbooks, which are textbooks that are freely available with nonrestrictive licenses. Covering a wide range of disciplines, open textbooks are available to download and print in various file formats from several web sites and OER repositories.

https://wiki.creativecommons.org/wiki/What_is_OER%3F
<http://www.studentpirgs.org/open-textbooks/about>
<https://cnx.org/contents/mTfUixW-@7/What-are-Open-Textbooks>

In the last 2 years—Open Textbooks at George Fox saved students \$375,086*
A few stats:

- Over 25 George Fox courses have adopted an open textbook to replace required textbooks
- The Chemistry department adopted the first open textbook at Fox in fall 2016, replacing a \$260 textbook with a free OpenStax Chemistry textbook
- Communication department was next replacing a \$111.00 textbook for COMM 100, a required course for all students

*Based on full MSRP textbook price

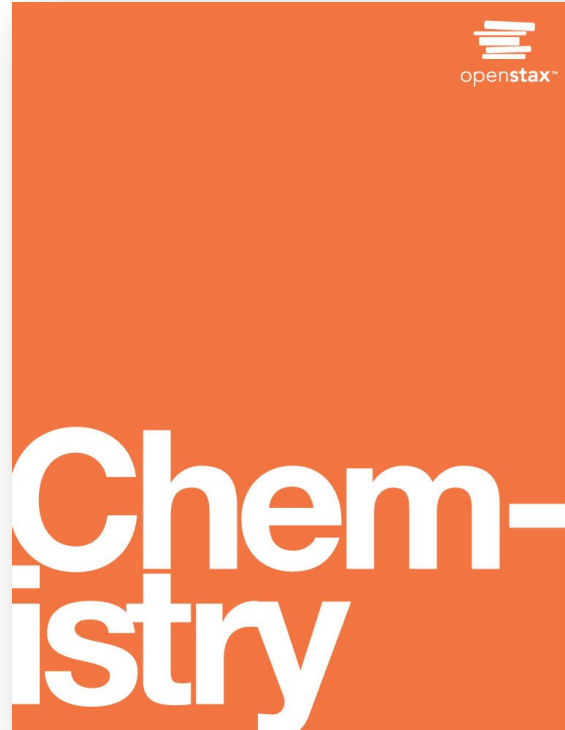


A single semester of student savings from just two departmental open textbook adoptions

CHEM 211: Student
Savings Fall 2018 =
\$46,020

COMM 100: Student
Savings Fall 2018 =
\$32,079

Total: \$78,099
savings, two courses,
one semester



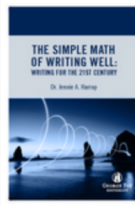
Open Textbooks = Great Impact

In just a few months...
over 2400 downloads

- Save students from needing to purchase costly textbooks
- Leads to student success
- Raises visibility of author and their institutions – “Be Known” (GFU mission)

https://digitalcommons.georgefox.edu/pennington_epress/





The Simple Math of Writing Well: Writing for the 21st Century


Jennie A. Harrop, *George Fox University*

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[Download](#)

https://digitalcommons.georgefox.edu/pennington_epress/1/



Intermediate Biblical Greek Reader: Galatians and Related Texts

Nijay K. Gupta, *George Fox University*
Jonah M. Sandford

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[Download](#)

https://digitalcommons.georgefox.edu/pennington_epress/2/



BRUIN NOTES

Textbook Affordability
Program Saves Students
Nearly \$800,000



Open Textbooks are part of the Library Textbook Affordability Program strategy

Library Textbook Affordability Program: Reducing the cost of textbooks for students

Dual strategy: Open textbooks and Library e-books

Open Textbooks

The library works with faculty as they adopt or adapt [open textbooks](#) as the basis for their course. Benefits to students include a reduction in the cost of attending college and increased opportunities for engagement and academic success.

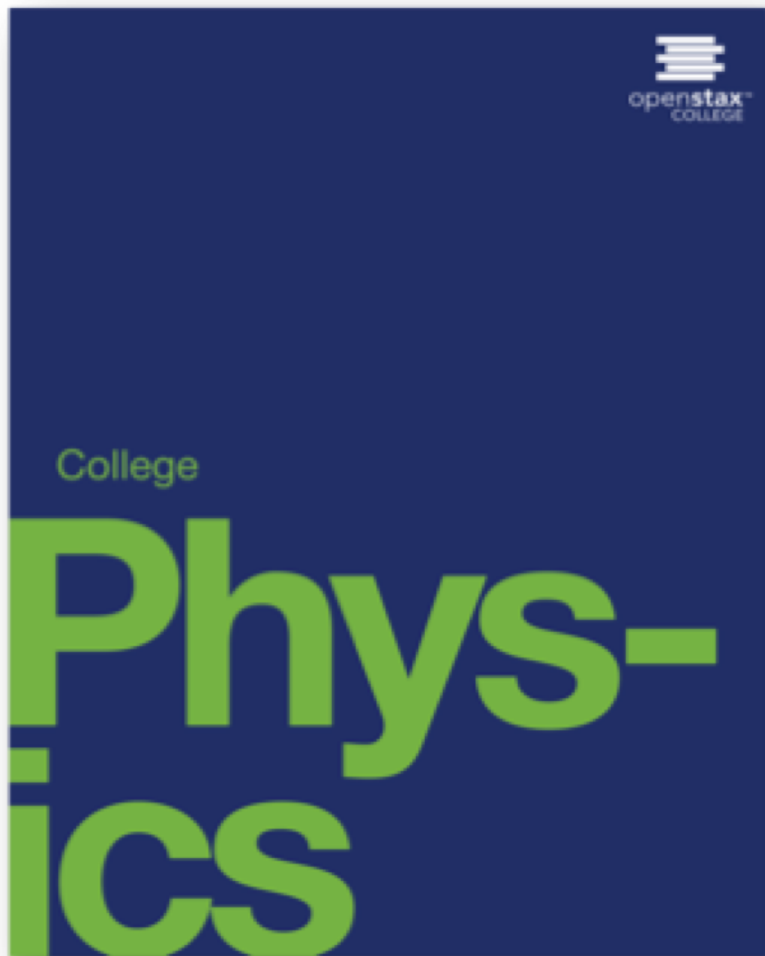
Library E-books

The library provides access to over 425,000 e-books. If we don't already own the texts you use, we are eager to purchase them (Traditional textbooks are not normally available for the library to purchase as e-books). Students may use them instead of, or in addition to, a print copy that they purchase.

<https://www.georgefox.edu/library/Services/Faculty/textbook-affordability.html>

<https://blogs.georgefox.edu/library/category/textbook-affordability/>

<https://www.georgefox.edu/journalonline/summer18/notes/textbook.html>



An Open Textbook Example

Introductory, algebra-based,
two-semester college physics

1272 pages

Bookshare (accessible)

Instructor solution manual

Powerpoint slides

Available in

PDF

ePub

Print

Web



With Creative Commons licenses, you are free to...

Copy

Mix

Share

Keep

Edit

Use

<https://creativecommons.org/share-your-work/>

Open Textbooks at George Fox

Year 3 Goal: Continue to incentivize faculty innovation in the area of open textbooks

Why: Open textbooks can help alleviate the burden of textbook costs for students and contribute to academic success

Students can not learn from books
they can't afford to purchase.

Let's look at cost...



#TextbookBroke campaign
began in 2014, continues today

<http://njpirgstudents.org/campaigns/make-textbooks-affordable>
<https://studentgovresources.org/textbookbroke-campaign-for-affordable-textbooks/>



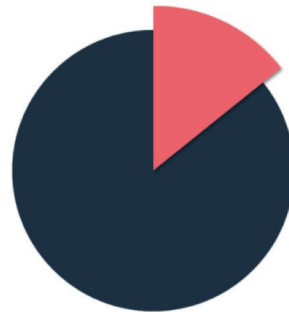
Senator Dick Durbin ✓
@SenatorDurbin

[Follow](#)

That is nearly 14% of tuition and fees at public 4-year universities #TextbookBroke

TEXTBOOK BROKE

The recommended budget for college textbooks, **\$1,200 - \$1,300**, is nearly **14%** of the average amount college students pay for tuition and fees at public four-year universities.



durbin.senate.gov

#TextbookBroke

RETWEETS

19

LIKES

20



10:14 AM - 7 Sep 2016

<https://twitter.com/SenatorDurbin/status/773570064951943168>



Academic Impact of the High Cost of Textbooks

Survey: Students' report that in their academic careers, the cost of required textbooks has caused them to:

2012	2016	
63.6%	66.5%	Not purchase required textbook
49.2%	47.6%	Take fewer courses
45.1%	45.5%	Not register for a specific course
33.9%	37.6%	Earn a poor grade
26.7%	26.1%	Drop a course
17.0%	19.8%	Fail a course

<http://www.uspirg.org/news/usp/student-group-releases-new-report-textbook-prices>

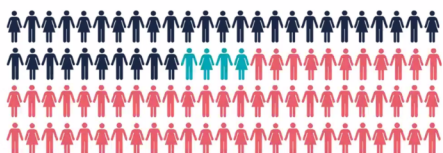
<https://florida.theorange grove.org/og/items/3a65c507-2510-42d7-814c-ffdefd394b6c/1/>

 **Senator Dick Durbin**  [@SenatorDurbin](#) [Follow](#)


A recent [@HigherEdPIRG](#) survey found 65% of students decided not to buy a textbook due to the cost [#TextbookBroke](#)

TEXTBOOK BROKE

A survey released by PIRG found that **65%** of students decided not to buy a textbook because of the cost.



And **94%** of those students worried that not purchasing a textbook due to the cost would hurt their grade.

 [#TextbookBroke](#)

RETWEETS **28** LIKES **18**

10:32 AM - 7 Sep 2016

<https://twitter.com/SenatorDurbin/status/773574579008729088>

The cost barrier kept
2.4 million students
from finishing college
because of cost in the first
decade of this century.

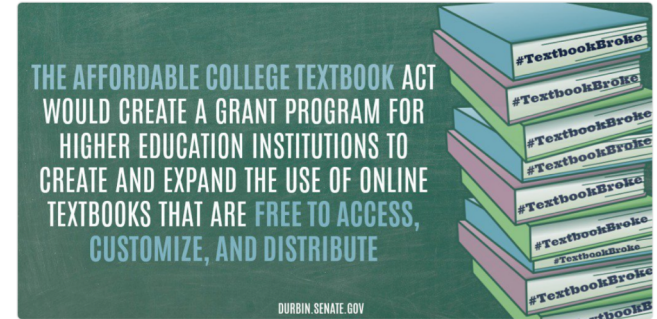
**Senator Dick Durbin** ✓

@SenatorDurbin

Follow

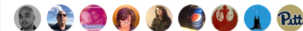


Today, we introduced the Affordable College Textbook Act. Costly textbooks shouldn't be a barrier to any student's education.
#TextbookBroke

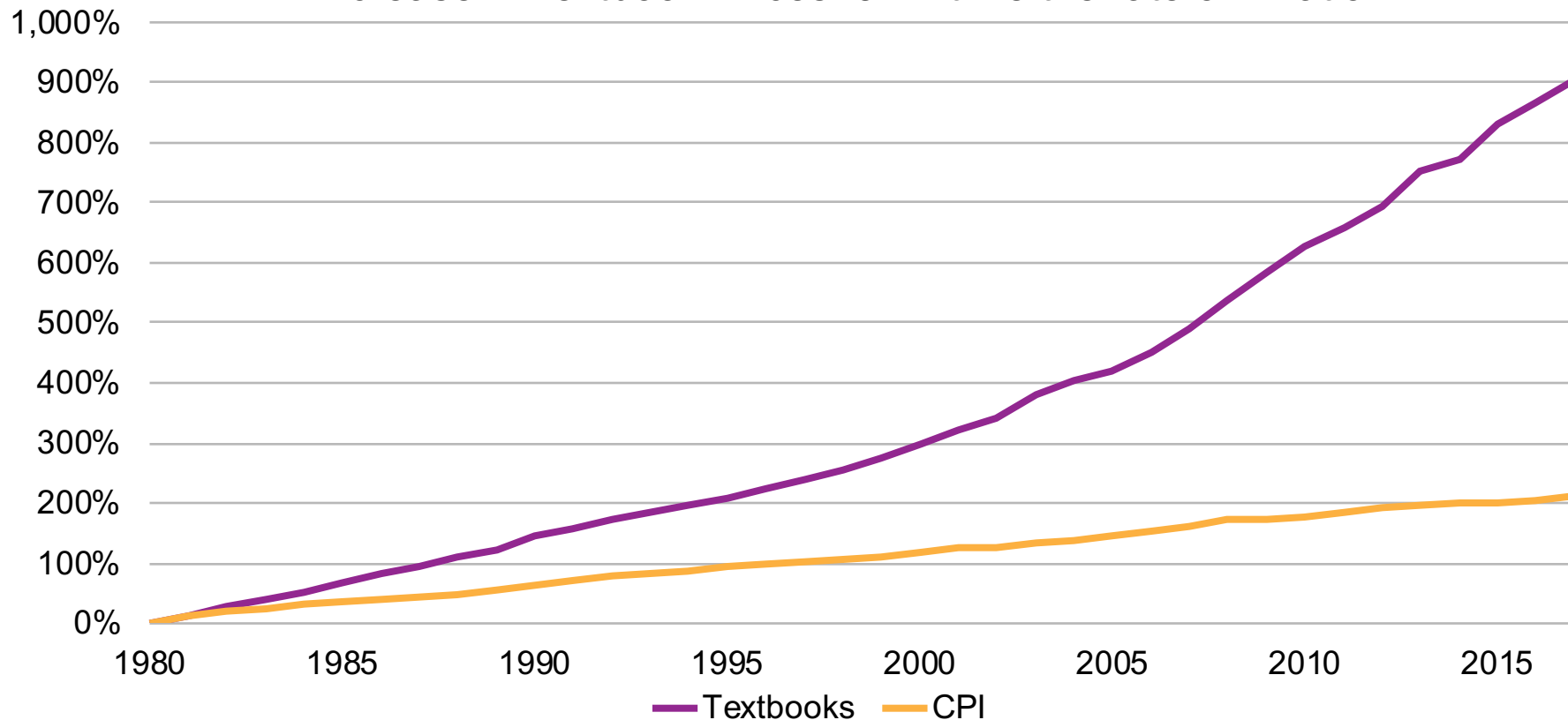


11:42 AM - 26 Sep 2017

111 Retweets 258 Likes

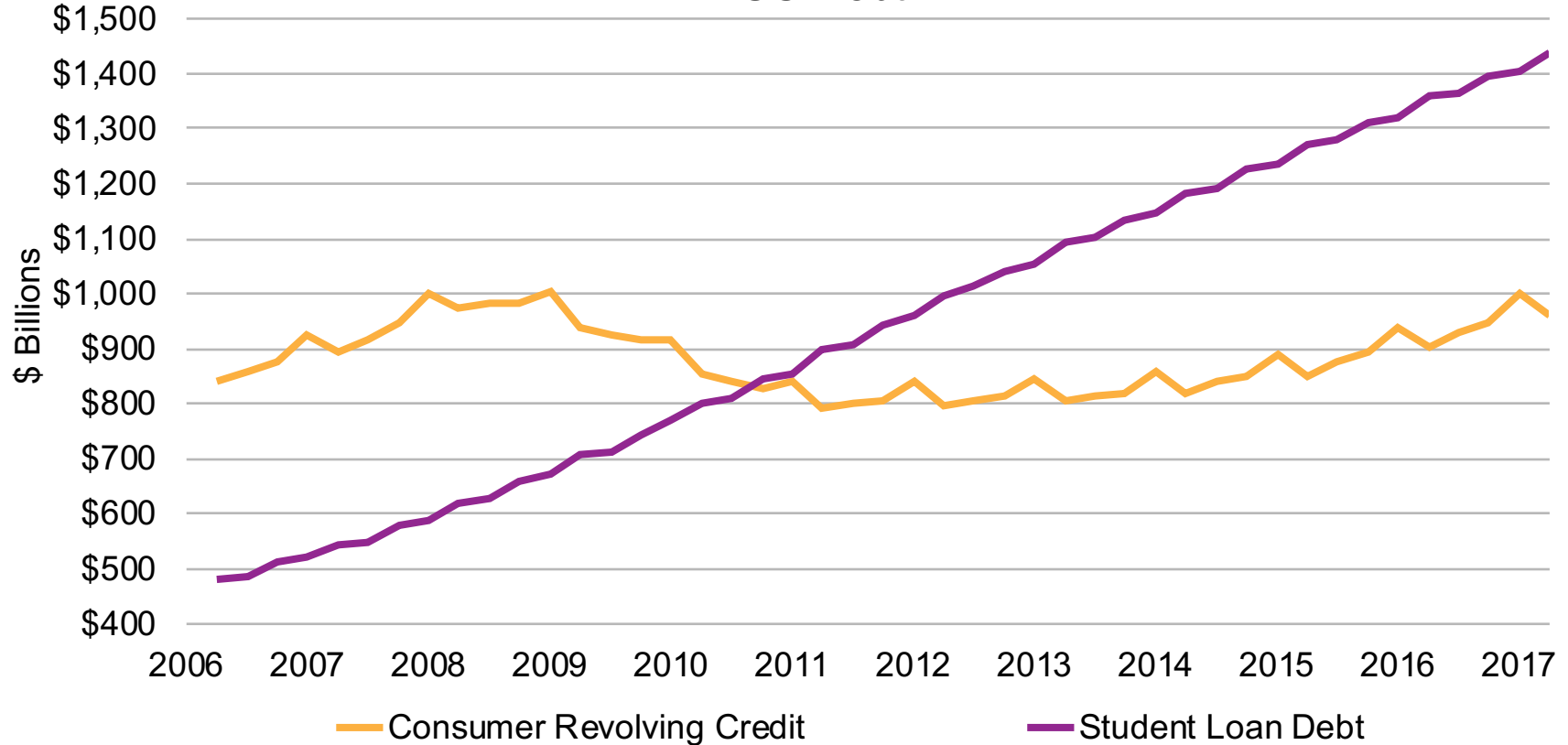
<https://twitter.com/SenatorDurbin/status/912749269538439168>

Increase in Textbook Prices: 3-4x time the rate of inflation



Student loan debt continues to rise

US Debt



Average student debt US (2017): \$32,731

Average student debt in Oregon (2017): \$27,885

Average student debt George Fox U. (2017): \$29,207

The average student should budget

\$1,230 - \$1,390

for textbooks and course materials in 2016-17.

—The College Board

Average at George Fox University = \$950

(Note: Amount can vary widely by major)

How students cope with the Cost

Purchase an older edition of the textbook

Delay purchasing the textbook

Never purchase the textbook

Share the textbook with other students

Download pirated textbooks from the internet

Student Interview: Impact of high textbook costs



"the second tuition, I call it" (2:39)

<https://www.youtube.com/watch?v=-4IsWNs0WWE>

What can we do?

Tuition and Fees

Room and Board

Books and Supplies

Personal Expenses

Transportation

The Open Textbook Network promotes access, affordability, and student success through the use of open textbooks.

<http://research.cehd.umn.edu/otn/>



600+

Campuses
represented

**\$8.5
Million**

Student savings by
OTN members



George Fox joins Open Textbook Network, fall 2016

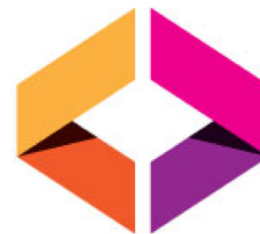


Open Textbook Library

- Over 500 textbooks in 14 subject areas
- 67% of textbooks have been reviewed by faculty at OTN institutions (almost 2,000 reviews)
- 1.2M+ views last year, from every country in the world
- Books produced at Rice University, SUNY, University of Texas at Austin, NOBA, University of Minnesota, Portland State, Grand Valley State, Oregon State...George Fox University!

<http://open.umn.edu/opentextbooks/>

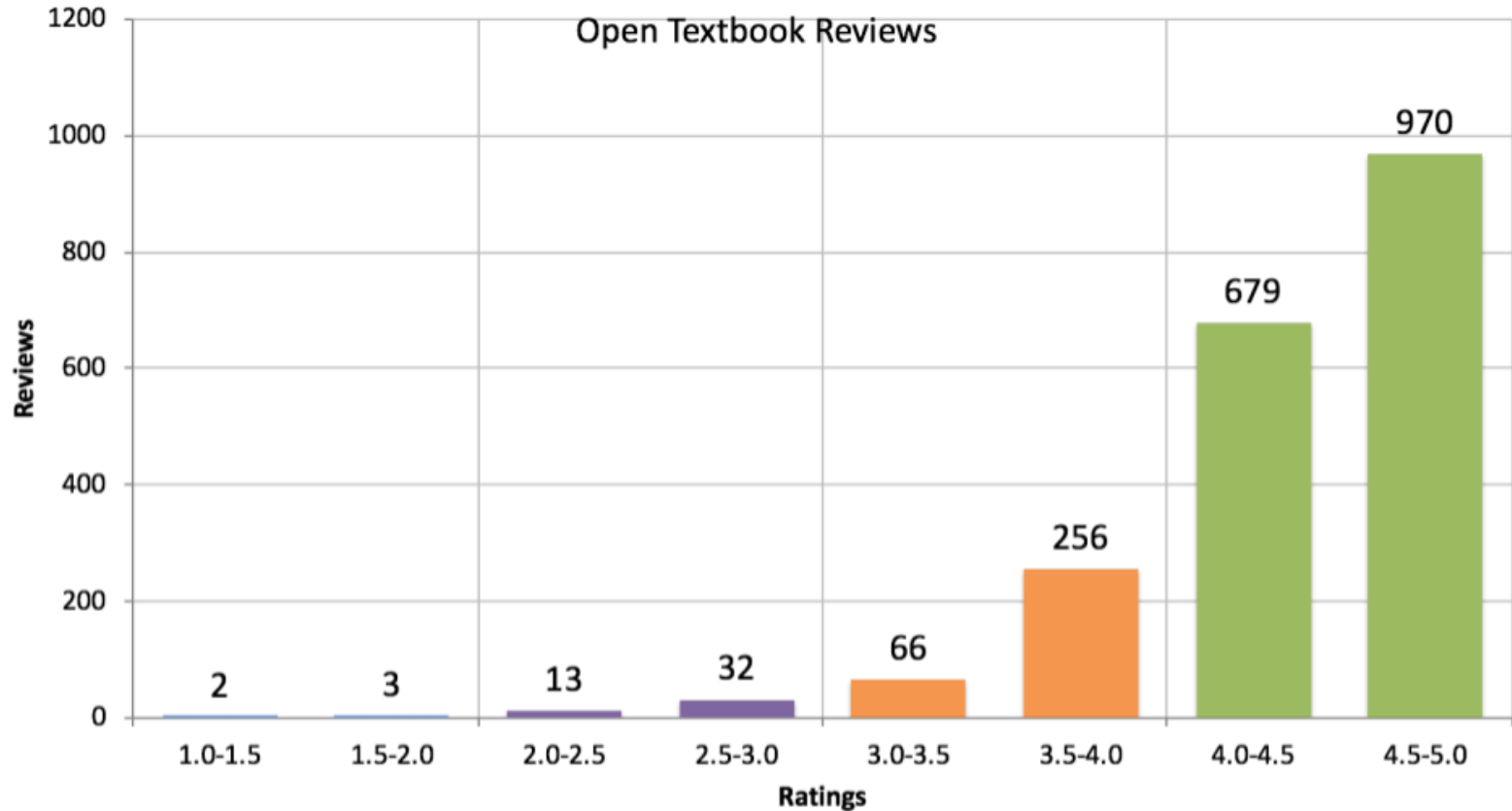
11	Accounting & Finance
58	Business
56	Computer Science & Information Systems
19	Economics
33	Education
17	Engineering
117	Humanities
12	Journalism, Media Studies & Communications
54	Law
82	Mathematics
9	Medicine
54	Natural Sciences
48	Social Sciences
14	Student Success




**Open Textbook
Library**



514 **Total Books** (a book may be included in multiple subject areas)

Open Textbook Library Reviews—by Faculty for Faculty



**Open Textbook Library**
 GO
[Browse subjects](#) [Our Textbooks](#) [About us](#)
**Introduction to Sociology 2e**
(28 reviews)
★★★★☆
Multiple Authors, OpenStax
Pub Date: 2015
ISBN 13: 978-1-9381684-1-3
Publisher: [OpenStax](#)
Read This Book
ONLINE **PDF**
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- Sociological Research
- Culture
- Society and Social Interaction
- Socialization
- Groups and Organization
- Deviance, Crime, and Social Control
- Media and Technology
- Social Stratification in the United States
- Global Inequality
- Race and Ethnicity
- Gender, Sex, and Sexuality

**Open Textbook Library**
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(10 reviews)
★★★★☆
Multiple Authors, OpenStax
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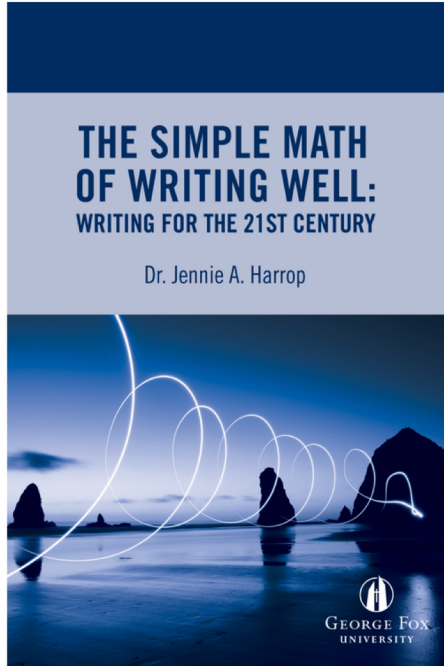
- Essential Ideas
- Atoms, Molecules, and Ions
- Stoichiometry of Substances and Mixtures
- Stoichiometry of Chemical Reactions
- Thermochemistry
- Electronic Structure and Periodic Properties of Elements
- Chemical Bonding and Molecular Geometry
- Advanced Theories of Covalent Bonding
- Gases
- Liquids and Solids
- Solutions and Colloids

Open Textbook Library

George Fox faculty reviews, adoptions, and more!

First George Fox Open Textbook in Open Textbook Library

Now with 4 Reviews



The Simple Math of Writing Well: Writing for the 21st Century

Jennie Harrop, George Fox University

Writing guides abound, but *The Simple Math of Writing Well* is one of a kind. Readers will find its practical approach affirming, encouraging, and informative, and its focus on the basics of linguistic structure releases 21st-century writers to embrace the variety of mediums that define our internet-connected world. As Harrop reminds us in the opening chapters of her book, we write more today than ever before in history: texts, emails, letters, blogs, reports, social media posts, proposals, etc. *The Simple Math of Writing Well* is the first guide that directly addresses the importance of writing well in the Google age.



READ MORE ›

(4 reviews)

<https://open.umn.edu/opentextbooks/textbooks/the-simple-math-of-writing-well-writing-for-the-21st-century>

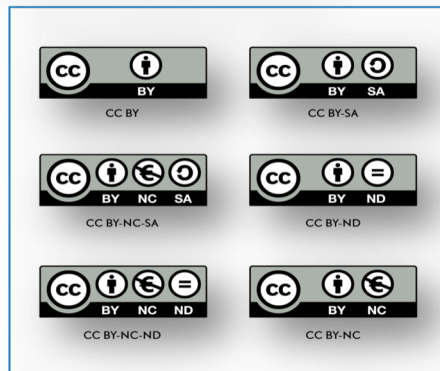
Beyond Cost - Why Open?

- Facilitates the free exchange of information
- Empowers faculty
- Sharing is scalable
- Allows higher education to take ownership of its content

The 5R Permissions of OER

Retain	• Make and own copies
Reuse	• Use in a wide range of ways
Revise	• Adapt, modify, and improve
Remix	• Combine two or more
Redistribute	• Share with others

FIGURE 2: THE SIX VARIATIONS OF THE CC LICENCES



2) In the context of open, what is possible = what is permitted

“...our conversations about OER should emphasize how all of its benefits - increasing academic freedom, improving affordability and access, revising and remixing - flow from permissions. Permissions are what differentiate OER from other materials and are the source of their benefits.” - David Wiley

Underselling Open: The Problem with Cost Framing:

<https://opencontent.org/blog/archives/4774>

On the Relationship Between Free and Permissions in “Open”

[:https://opencontent.org/blog/archives/4783](https://opencontent.org/blog/archives/4783)

How Effective Are Open Textbooks?



[Educational Technology Research and Development](#)

August 2016, Volume 64, [Issue 4](#), pp 573–590

Open educational resources and college textbook choices: a review of research on efficacy and perceptions

Authors

[Authors and affiliations](#)

John Hilton III 

13 Peer Reviewed
Studies of Efficacy

<http://link.springer.com/article/10.1007/s11423-016-9434-9>

<http://openedgroup.org/publications>

<http://openedgroup.org/publications>



119,720 Students

95% Same or Better Outcomes



Research continues...

International Review of Research in Open and Distributed Learning

Volume 18, Number 7

November - 2017

Assessing the Savings from Open Educational Resources on Student Academic Goals

Tarah K. Ikahihifo¹, Kristian J. Spring², Jane Rosecrans³, and Josh Watson⁴

^{1,2}Brigham Young University, ^{3,4}Reynolds Community College

Freely available full text article:

<http://www.irrodl.org/index.php/irrodl/article/view/2754/4442>

Abstract:

*Our study found that most students considered OER to be as good or better in terms of quality and engagement as traditional texts, while also allowing them to put saved funds toward their educational pursuits. **As rising costs in higher education affect current and potential students, faculty and students are looking for ways to cut costs where possible. Open educational resources (OER) are a viable option to replace expensive traditional textbooks without sacrificing quality.** This article presents the results of a study conducted with students...*

More Research, Important Findings from University of Georgia

Change from non-OER to OER

	Δ Grade	Δ DFW
Non-Pell eligible students	+7.4%	-2.05%
Pell eligible students	+12.3%	-4.43%
All Students	+8.6%	-2.68%

What can you do?

- Take a look!
- Write a review!
- Adopt if a book meets the needs of you and your students
- Raise awareness - talk with colleagues in your program and department
- Consider adapting or authoring an open textbook

Writing a Review

Is there a textbook in the Open Textbook Library that fits your class and/or expertise?

\$200 Stipend will be paid for:

1. attending this info session AND...
2. reviewing a textbook in the Open Textbook Library

Review criteria used: <https://open.umn.edu/opentextbooks/ReviewRubric.aspx>

Open Textbook Library: <https://open.umn.edu/opentextbooks>

Writing a Review

1. You will receive an email from the OTN with a link to the online review form. Fill out and...
2. Complete a concise review by February 26, 2019
3. The review will be published in the Open Textbook Library under an open license.
4. You will receive a \$200 stipend.

Consider adopting an open textbook

1. Let me know if you decide to use an open textbook as a required text in your course (after reviewing)
2. Add the textbook link to your course site and syllabus
3. You will receive a \$500 course redesign stipend.

Consider authoring an open textbook

1. Let us know if you're interested in authoring or co-authoring an open textbook
2. We will schedule a one hour meeting to explain the process, timeline, criteria involved with authoring and publishing an open textbook, etc.
3. A \$3,000 stipend is available for authoring an open textbook (timeline typically one academic year).

Thank you.

Questions?

rashford@georgefox.edu

Thanks to David Ernst and the Open Textbook Network for data shared in this presentation
This work is licensed under the [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/).