

### **OPEN TEXTBOOKS**

Access, Affordability, and Academic Success

Jonathan Lashley, ABD

**Boise State University** 



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Universal Declaration of Human Rights

## "...higher education shall be equally accessible to all"



#### The cost barrier kept

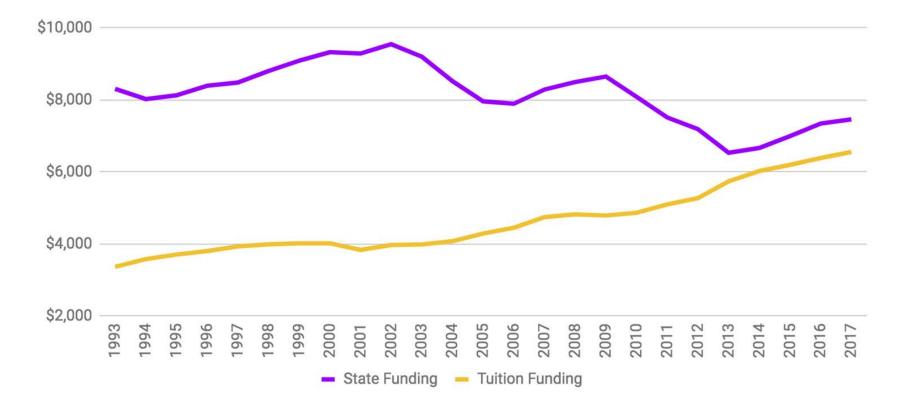
## 2.4 million

low and moderate-income college-qualified high school graduates from completing college in the previous decade.

The Advisory Committee on Student Financial Assistance http://files.eric.ed.gov/fulltext/ED529499.pdf

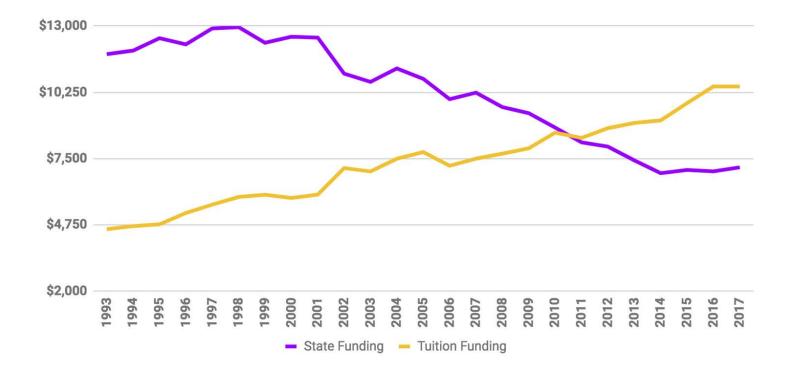


#### Higher Education Funding - US

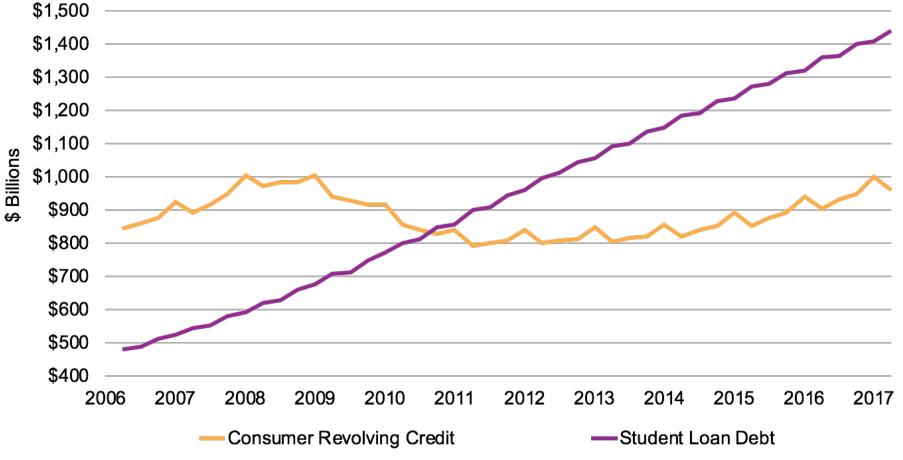




Higher Education Funding - New Jersey







Federal Reserve http://www.federalreserve.gov/releases/g19/Current/



# More colleges add free food pantries as 'starving student' cliche becomes reality







## Serving the Nation's Students College & University FOODBANK Alliance

https://sites.temple.edu/cufba/

Business &

COMMUNITY

#### CALDWELL UNIVERSITY

ACADEMICS ADMISSIONS CAMPUSLIFE GIVING ABOUT US ATHLETICS CUONLINE

Home » Cougar Food Pantry

#### **Cougar Food Pantry**



Cougar Food Pantry Mission:

Embracing Caldwell University's vision and the core values of Respect, Integrity, Community, and Excellence. We at the Cougar Food Pantry are committed to showing compassion and empathy towards members of our University community who face issues of food insecurity and hunger.

#### https://www.caldwell.edu/cougar-food-pantry

https://legacy.ocean.edu/content/public/for-the-community/news/food-pantry.html http://ruoffcampus.rutgers.edu/food/



Study

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•	<b>F</b>	
+	Events	
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WELCOME

#### February 23, 2018 Students Open "Helping Hands Food Pantry" to Help Fellow Students



About

OCEAN

National surveys at two-year and four-year colleges and

universities across the U.S. have discovered that a large population of students are going hungry. "Food insecurity" is a growing trend across the board; however, Ocean County College students have stepped forward to help stem the tide.

Since February 12, 2018, Helping Hands, Ocean County College's first food pantry, has been assisting currently enrolled OCC students in need. "Food insecure" students at the two-year community college need only stop by the Jon and Judith Larson Student Center on the College's Main Campus in Toms River. On Mondays and Thursdays from 11:00 a.m. to 6:00 p.m., hungry students can stop by, show their current valid OCC student ID, and pick up non-perishable food and drink items.

#### RUTGERS STUDENT FOOD PANTRY



#### About the Rutgers Student Food Pantry

Being food insecure means having limited or uncertain access to a sufficient quantity of food (USDA, 2011). There is growing evidence that food insecurity among students is a problem on college campuses around the country, and it is something that is increasingly encountered at Rutgers University. As a result, Rutgers is continuing its work in this area, while also expanding its efforts.

Started in Fall 2016, the Rutgers Student Food Pantry is of one of the over 20 food pantries in New Brunswick. It exclusively serves Rutgers students and is located at 39 Union Street on the College Avenue Campus. The pantry is stocked by donations from Rutgers Against Hunger, Middlesex County Food



### What can we do?

- **Tuition and Fees**
- Room and Board
- **Books and Supplies**
- **Personal Expenses**
- Transportation



### What can we do?

**Tuition and Fees** 

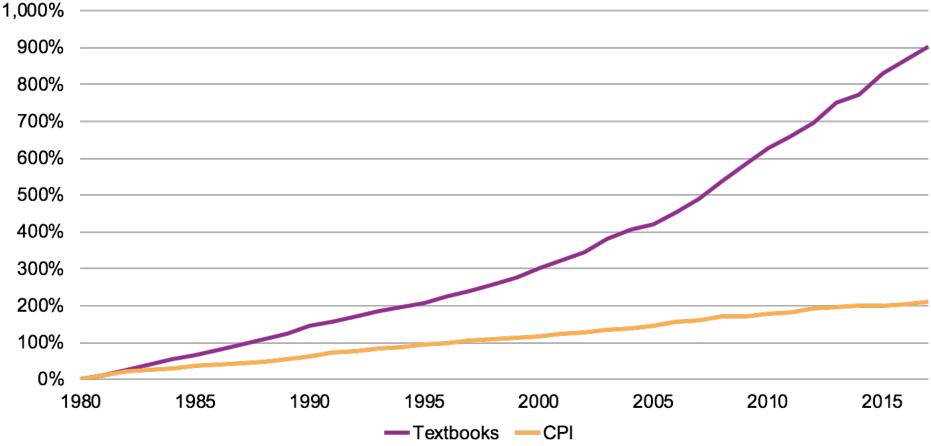
**Room and Board** 

**Books and Supplies** 

**Personal Expenses** 

Transportation

#### Increase in Textbook Prices





### The average student should budget

## \$1,240 - \$1,440

### for textbooks and course materials in 2018-19.

VALE = \$1,471

https://trends.collegeboard.org/college-pricing/figures-tables/average-estimated-undergraduate-budgets-2018-19

### VALE

**\$1,900** Atlantic Cape **\$1,400** Bergen CC **\$0** Berkeley C **\$1,300** Bloomfield C **\$1.500** Brookdale CC **\$2,100** Caldwell U **\$1.800** Camden CC **\$1,300** C of St. Elizabeth **\$1,400** County C of Morris **\$1.920** Cumberland CC **\$1,200** Drew U **\$1,350** Georgian Court

**\$1,500** Hudson County CC **\$1,384** Kean U **\$1,390** Mercer County CC **\$1,390** Middlesex County C **\$1.038** Monmouth U **\$1,300** Montclair State **\$1,000** New Brunswick TS **\$1,200** NJ City U **\$2,600** NJ Institute of Tech **\$2,080** Ocean County C **\$1,600** Passaic County CC **\$1,569** Ramapo C

**\$2,400** Raritan Valley CC **\$1.500** Rider U **\$1,200** Rowan @ Burlington **\$1,600** Rowan @ Gloucester **\$1.600** Rowan U **\$1,350** Rutgers U \$1,000 Saint Peter's U **\$1,000** Seton Hall U **\$1,597** Stockton U **\$1.481** Sussex County **\$1,200** The C of NJ **\$1.700** Thomas Edison SU **\$1,600** William Paterson U

## Coping 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 textbooks from the internet



# In your academic career, has the cost of required textbooks caused you to:

2012	2016	
63.6%	66.5%	Not purchase the 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

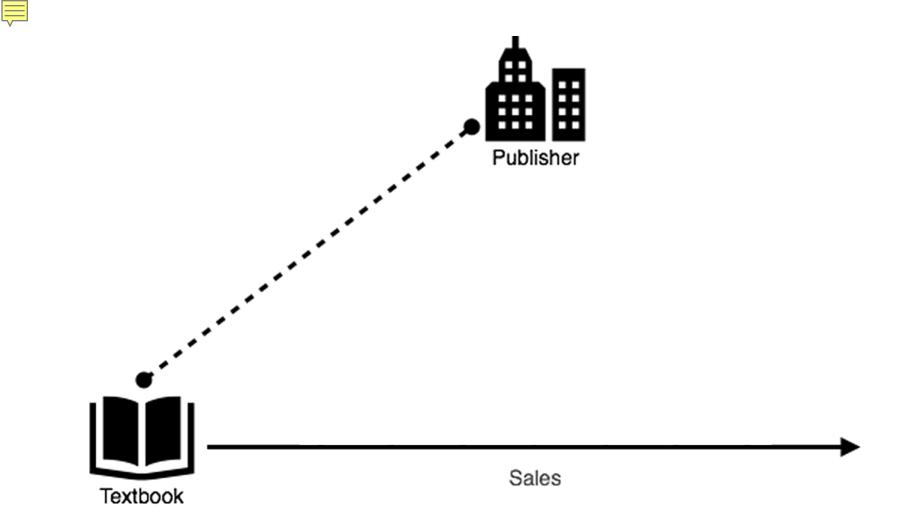
http://www.openaccesstextbooks.org/pdf/2012\_Florida\_Student\_Textbook\_Survey.pdf

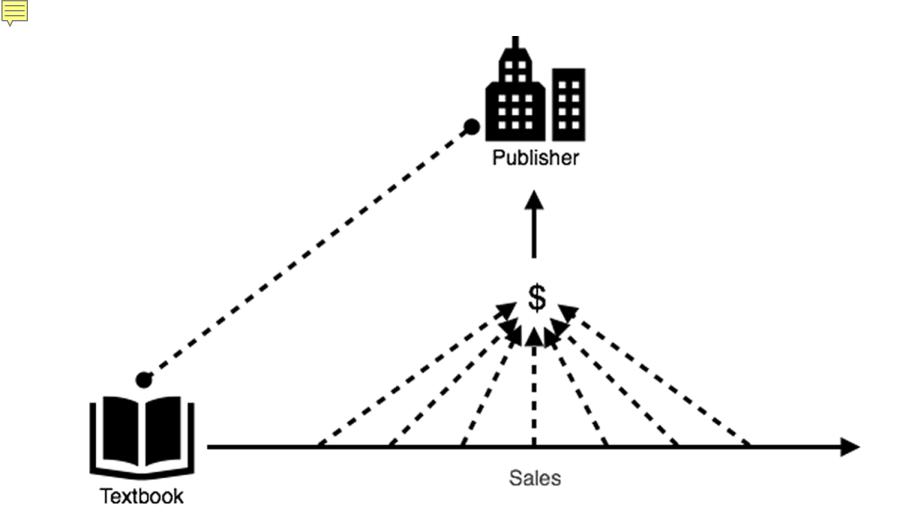


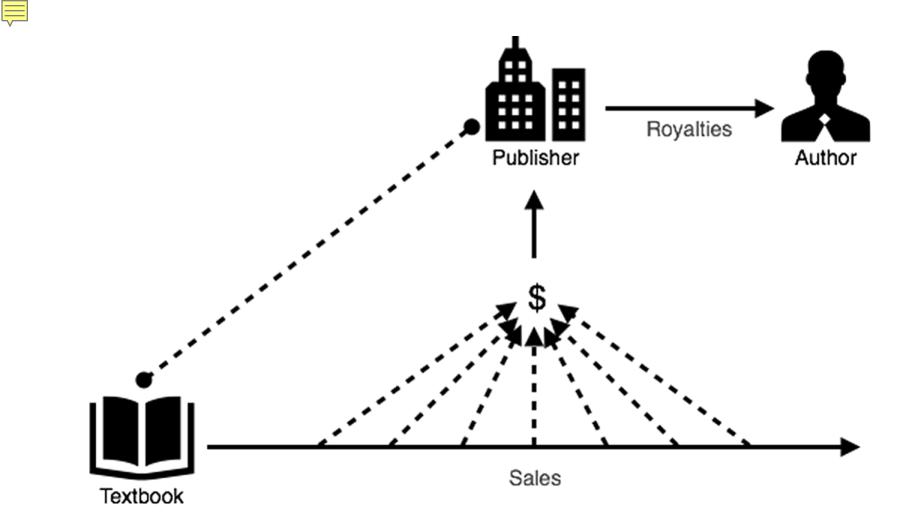
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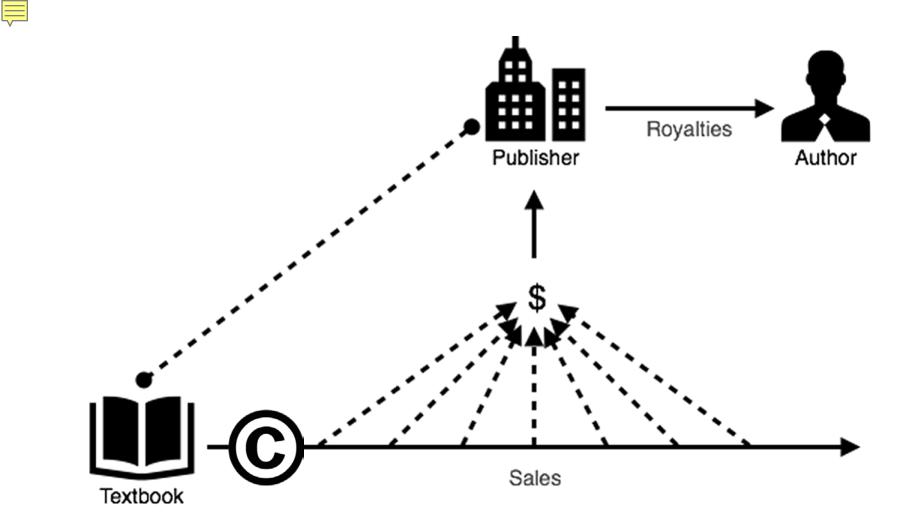
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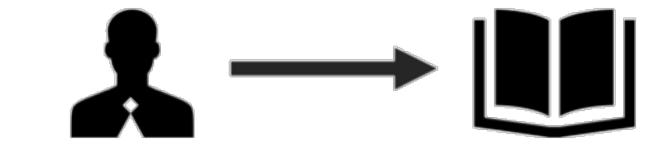




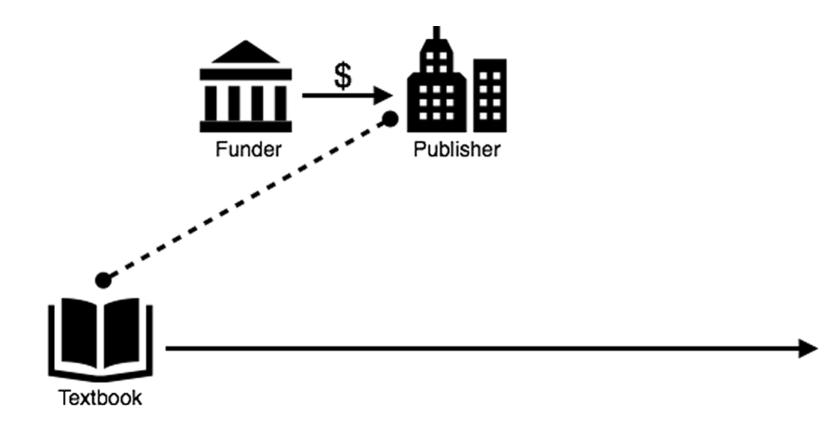


#### Other models...

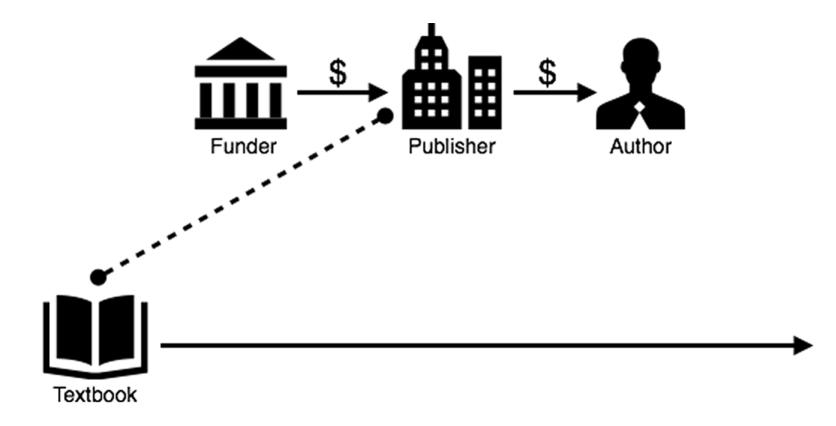






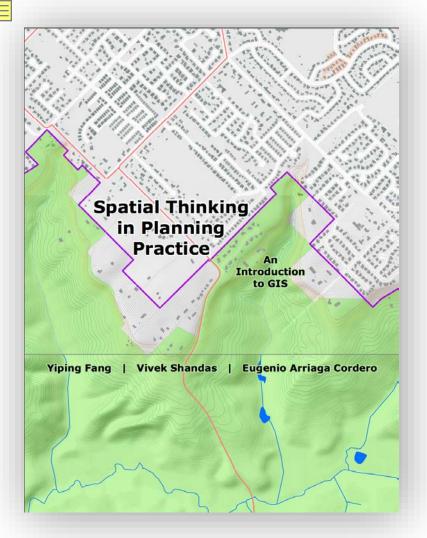






# Where does the funding come from?

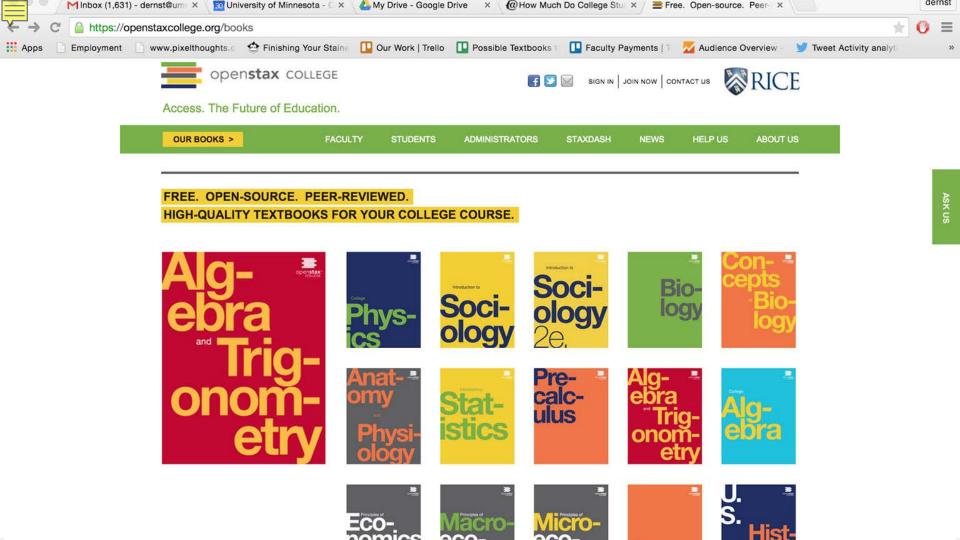
- Universities (SUNY, Umass Amherst, Portland State, ...)
- ➤ Foundations (Hewlett, Gates, …)
- ➤ Governments (state, federal)
- ➤ Institutional Consortia (CALI)

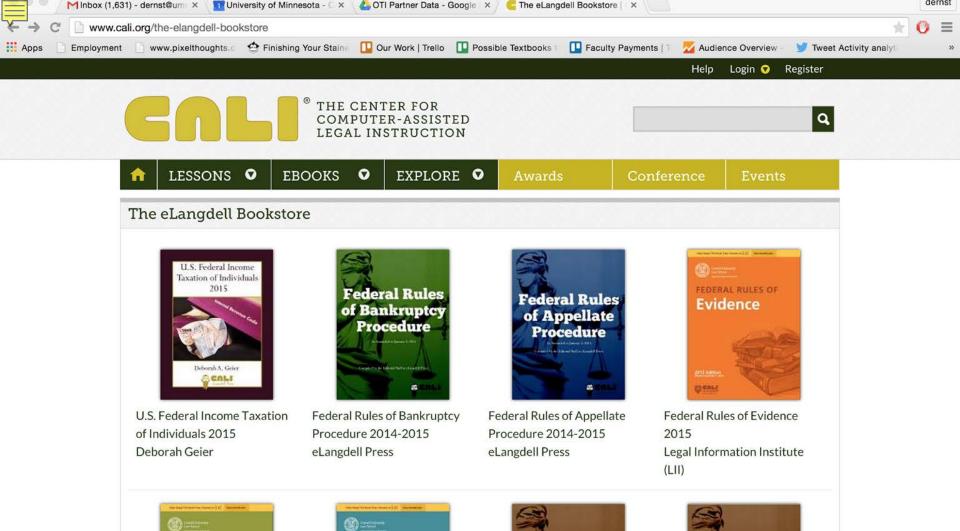




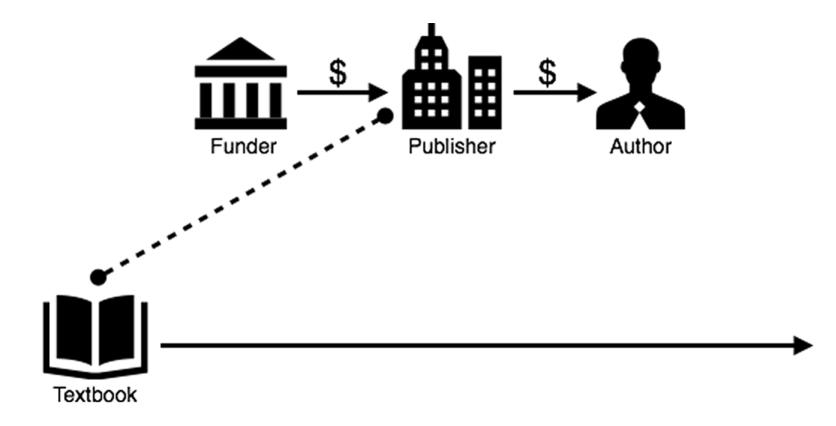
Introduction to the Modeling and Analysis of Complex Systems

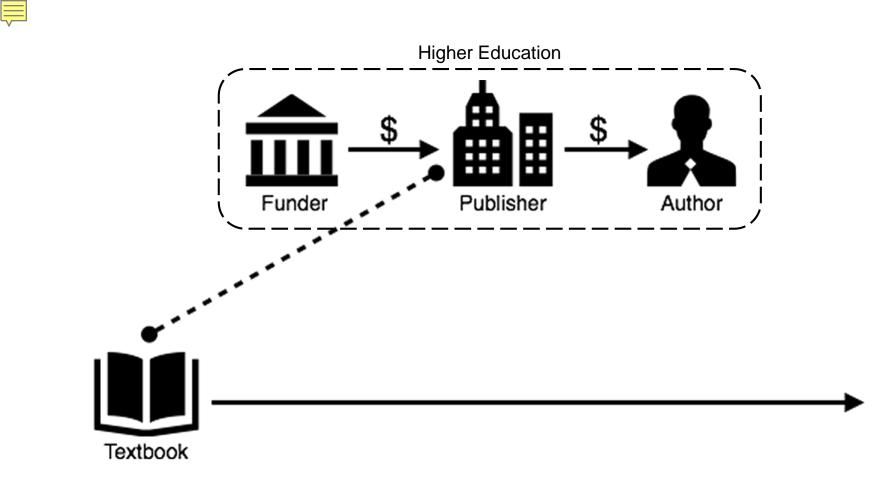
Hiroki Sayama Binghamton University, SUNY

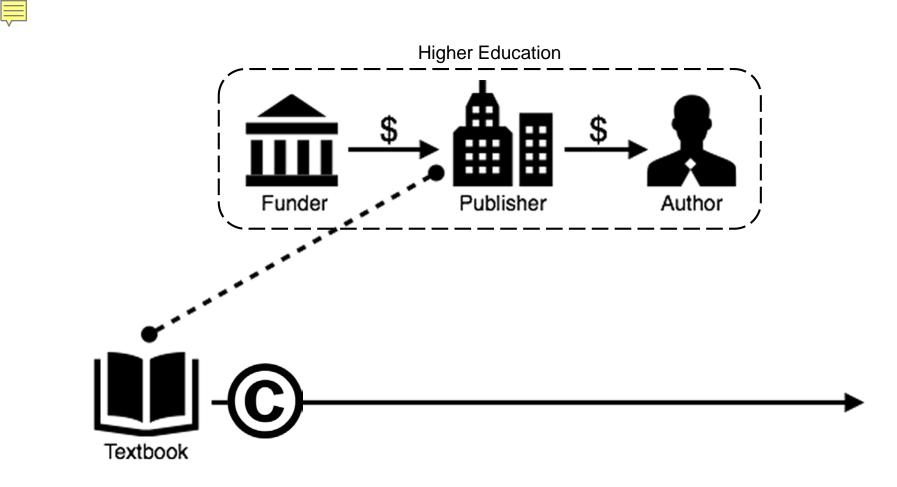
















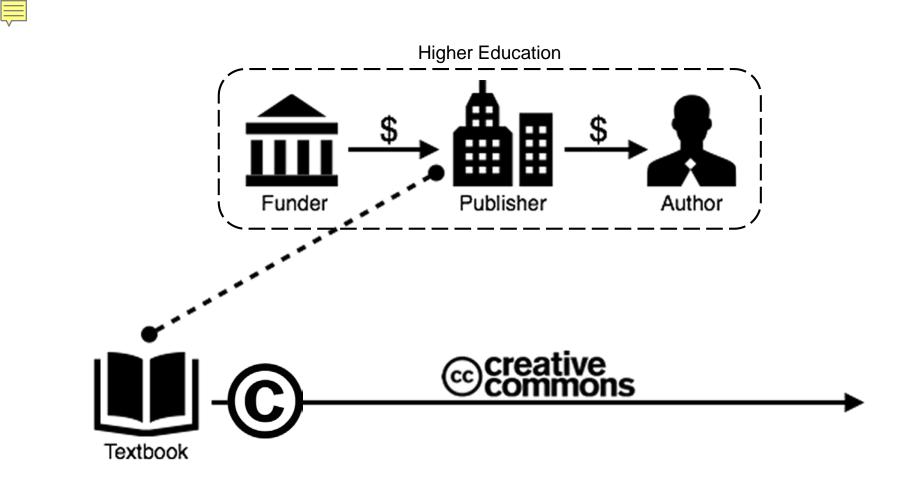


# **C**reative Commons











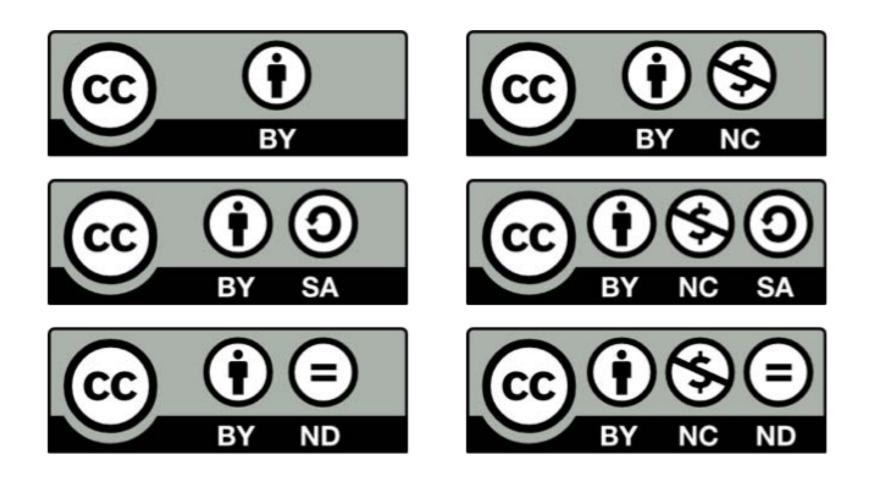
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**Richard Baraniuk:** 

## The birth of the opensource learning revolution

TED2006 · 18:34 · Filmed Feb 2006 Subtitles available in 26 languages

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# How can CC help open textbooks improve student success?



# Content Customization Localization OER Enabled Pedagogy

#### **Content Customization**

**Collaborative Statistics** 

**By:** Barbara Illowsky, Ph.D. Susan Dean

Online: < http://cnx.org/content/col10522/1.40/ >

CONNEXIONS

Rice University, Houston, Texas

Collaborative Statistics Using Spreadsheets

Collection Editors: Irene Mary Duranczyk Suzanne Loch Janet Stottlemyer

Authors: Susan Dean Irene Mary Duranczyk Barbara Illowsky, Ph.D. Suzanne Loch Janet Stottlemyer

Online: < http://cnx.org/content/col11521/1.21/ >

OpenStax-CNX

#### Localization



#### Localization



#### **OER Enabled Pedagogy**



#### **OER Enabled Pedagogy**

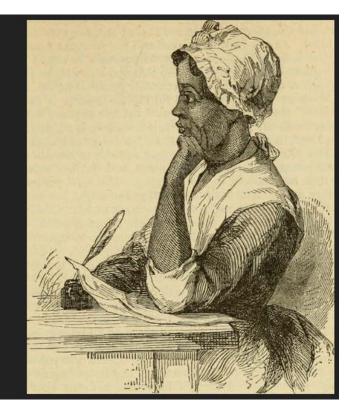
#### The Open Anthology of Earlier American Literature

Robin DeRosa

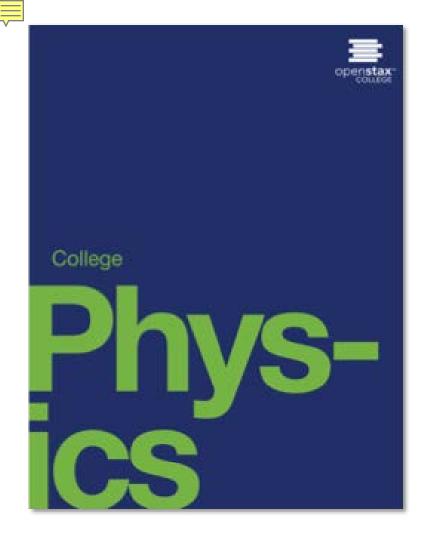


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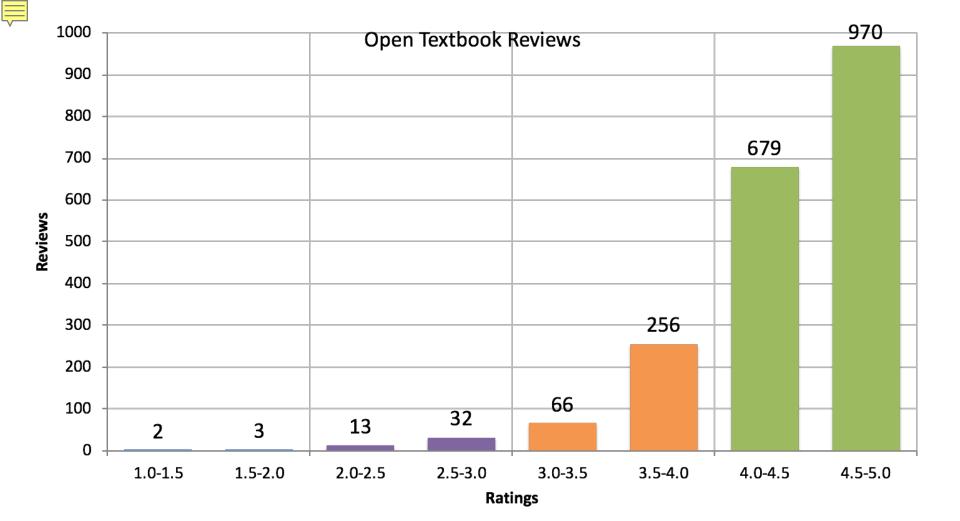
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## **13** Peer Reviewed Studies of Efficacy

Contraction of the	1923-145. 1937-145.



# 

## 119,720 Students

# $\frac{1}{1}$

# 

## 95% Same or Better Outcomes

# $\frac{1}{1}$



#### Change from non-OER to OER

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

The Impact of Open Educational Resources on Various Student Success Metrics

### **Drop Rate After Three Years**

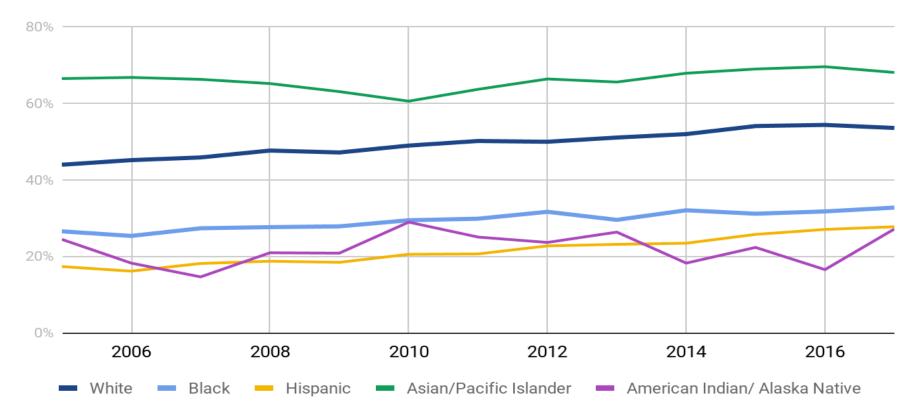
First Generation College Students

Parents Had Earned a Degree

33%

14%

## Percentage of Persons with Associate's or Higher Degree (25-29 years old)



https://nces.ed.gov/programs/digest/d17/tables/dt17\_104.20.asp



Universal Declaration of Human Rights

## "...higher education shall be equally accessible to all"



#### What can we do?

## What can we 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



## Writing a Review

Is there is a textbook in the Open Textbook Library that fits your class and/or expertise? Incentive will be paid for:

- 1. attending this workshop, and
- 2. reviewing a textbook in the Open Textbook Library



## Writing a Review

- 1. You will receive an email with a link to the online review form.
- 2. Complete a concise review by March 20, 2019.
- 3. The review will be posted on the Open Textbook Library under an open license.
- 4. Incentive will be paid.

#### Open Textbook Library: open.umn.edu

#### Jonathan Lashley jonathanlashley@boisestate.edu @lashleyed

#### Slides: http://slideshare.net/djernst



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