

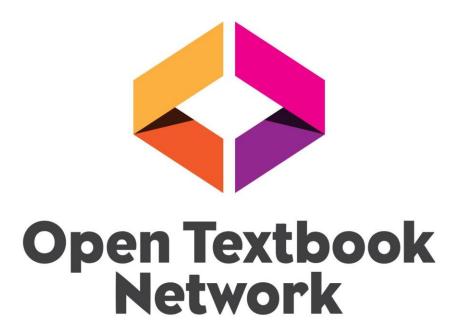
Open Textbook Network

OPEN TEXTBOOKS

Access, Affordability, and Academic Success

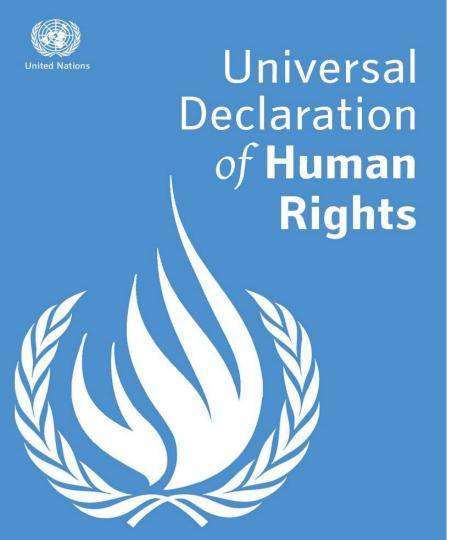
Joe Nowakowski, Professor of Economics, Muskingum University Michelle Reed, Open Education Librarian at University of Texas Arlington





Agenda

- Define the problem.
- Define open textbooks.
- Explain what actions we can take.



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

(A)mong students who enter college, only 21 percent of those from poor families (lowest 25% of income earners) will earn a Bachelor's degree by age 24, compared to 99 percent of students from rich families (highest 25%).

The U.S. Department of Education projected that the cost would keep

2.4 million

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

The University of Arkansas is determined to build a better world by providing transformational opportunities and skills, promoting an inclusive and diverse culture, nurturing creativity, and solving problems through research and discovery, all in service to Arkansas.

- UA Mission Statement

The University of Arkansas is determined to build a better world by providing transformational opportunities and skills) promoting an inclusive and diverse culture, nurturing creativity, and solving problems through research and discovery, all in service to Arkansas.

- UA Mission Statement

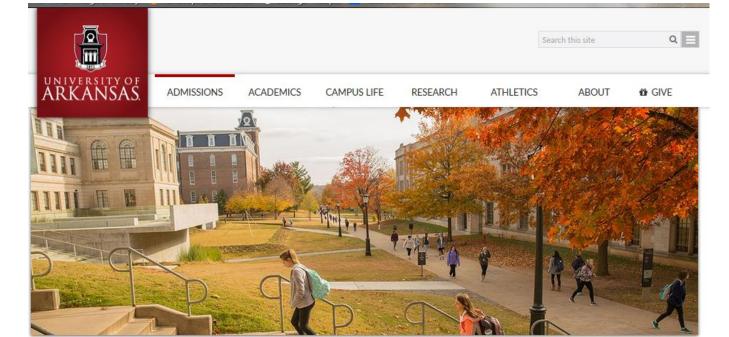
Goal

Increase retention and graduation rates, postgraduation employment and graduate education enrollment rates.

Goal

Significantly increase recruitment and graduation rates of Arkansans, first-generation students and underserved student populations.

- UA Strategic Plan

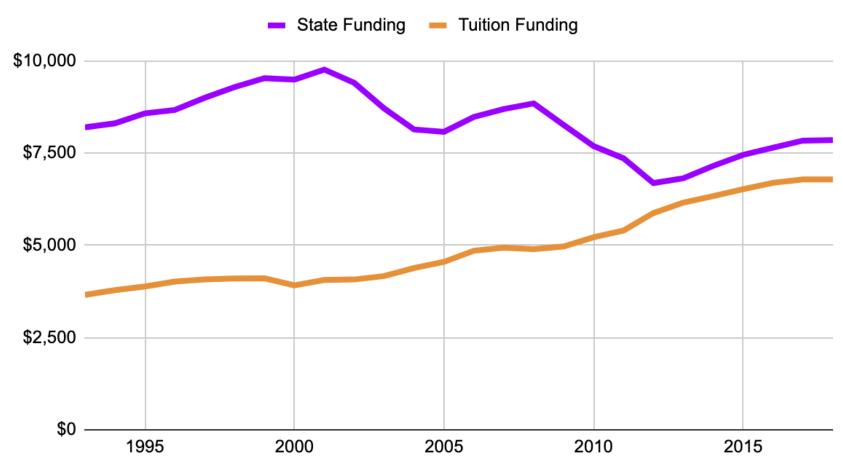


ADMISSIONS

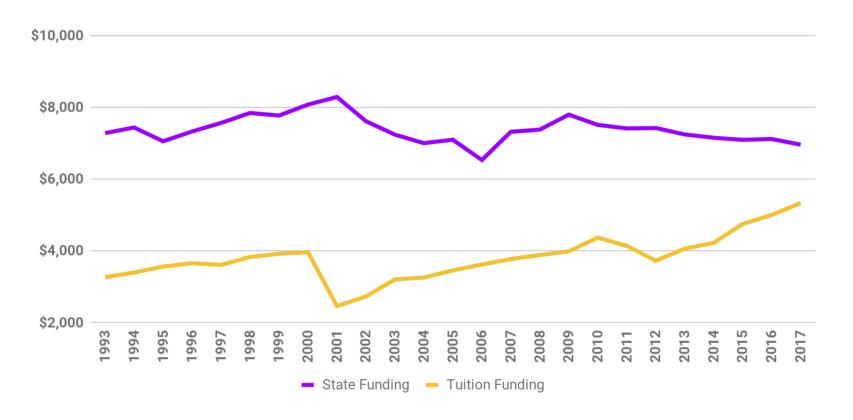
Seeking admission to the University of Arkansas? Take time to explore what we offer. We think you'll like what you find.

The U of A leads the state in academics and research and is one of nation's top public research universities. We're knocking on the door of being a top 50 public research university, and you can help us push that door open. We're also consistently rated among the nation's best values. We award \$85 million in financial assistance and scholarships each year to students based on merit and need. High-achieving students can choose from several prestigious fellowship programs — Honors College fellowships for undergraduates and Distinguished Doctoral and Doctoral Academy for graduate students.

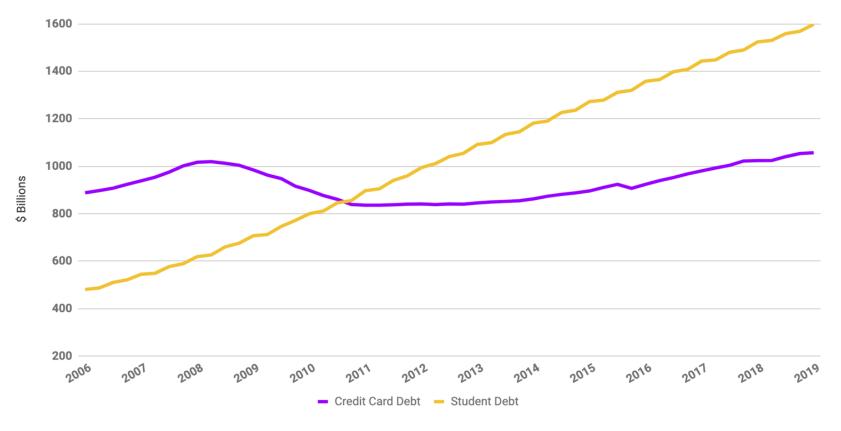
Higher Education Funding - US



Higher Education Funding - Arkansas







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

University of Arkansas

Estimated expenses for	2015-	2016-	2017-	2018-	% change 2017-2018
academic year	2016	2017	2018	2019	to 2018-2019
Tuition and fees					
In-state	\$8,522	\$8,820	\$9,062	\$9,130	0.80%
Out-of-state	\$21,826	\$23,168	\$24,308	\$25,168	3.50%
Books and supplies	\$1,000	\$1,046	\$1,046	\$1,046	0.00%

https://finaid.uark.edu/cost-of-attendance.php

University of Arkansas

Full-time Beginning Undergraduate Students				
		Percent	Total amount	Average
	Number	receiving	of aid	amount of aid
Type of Aid	receiving aid	aid	received	received
Any student financial aid1	3,888	77%		
Grant or scholarship aid	2,926	58%	\$21,096,256	\$7,210
Federal grants	966	19%	\$4,595,674	\$4,757
* Pell grants	966	19%	\$4,310,624	\$4,462
Other federal grants	303	6%	\$285,050	\$941

https://finaid.uark.edu/cost-of-attendance.php

University of Arkansas

All Undergraduate Students			
	Number	Total amount of	Average amount
Type of Aid	receiving aid	aid received	of aid received
Grant or			
scholarship aid1	12,699	\$97,737,081	\$7,696
Pell grants	4,605	\$19,474,611	\$4,229
Federal student			
loans	8,617	\$56,910,805	\$6,604

¹ Grant or scholarship aid includes aid received, from the federal government, state or local government, the institution, and other sources known by the institution.

https://finaid.uark.edu/cost-of-attendance.php

ORANGE COUNTY NEWS

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











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FOODBANK
Alliance



Division of Student Affairs Center for Community Engagement

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Jane B. Gearhart Full Circle Food Pantry

U of A / Center for Community Engagement / Services / Full Circle Food Pantry / Jane B. Gearhart Full Circle Food Pantry



Who We Are – student led emergency food assistance program, striving to serve clients with balanced meals through non-perishables and fresh produce from our own

Request Food

Give Online

Hours and Location

Hours During the Academic Year:

Mondays: 11:00 a.m. - 3:00 p.m. Wednesdays: 3:00 p.m. - 5:00 p.m. Thursdays: 10:00 a.m. - 2:00 p.m.

Full Circle will be closed for all university holidays and breaks. For a complete list of closure dates and breaks please consult the <u>academic calendar</u>.

324 Stadium Drive WAHR C204

What can we do?

Tuition and Fees

Room and Board

Books and Supplies

Personal Expenses

Transportation

What can we do?

Tuition and Fees

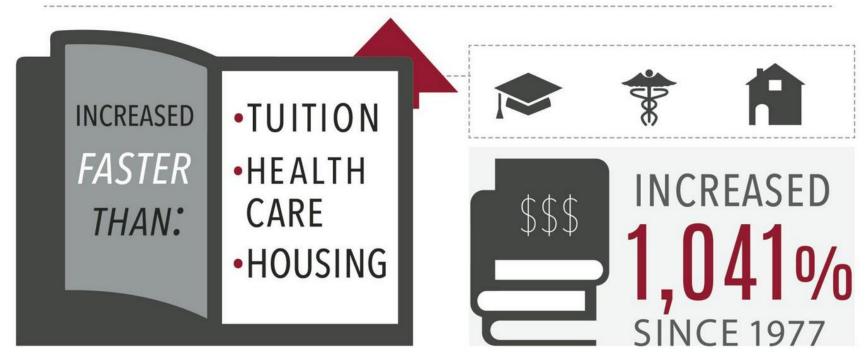
Room and Board

Books and Supplies

Personal Expenses

Transportation

COLLEGE TEXTBOOK PRICES:



Students are told to budget between \$1240 - \$1440 for books and supplies each year.

What they are actually spending is more like \$415 per year.
Why the difference?

UA: \$1046

http://www.nacs.org/advocacynewsmedia/pressreleases/tabid/1579/ArticleID/867/Student-Spending-on-Course-Materials-Declines.aspx

https://financialaid.unl.edu/2019-2020-estimated-cost-attendance

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

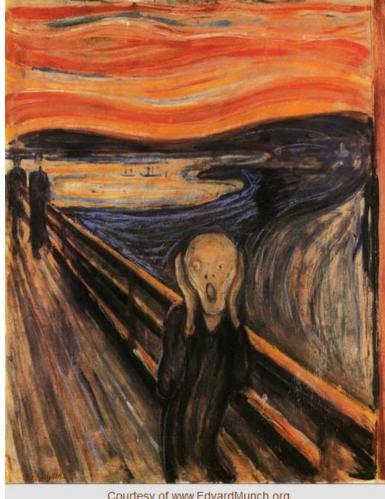
What are your biggest cost challenges as a student?

Tuition	61.65%
Course materials	39.56%
Housing costs	38.10%
Food expenses	31.02%
Living expenses	30.18%
Transportation	18.49%
Technology	15.45%
Additional school supplies	7.66%
Daycare	3.04%
Other	2.16%



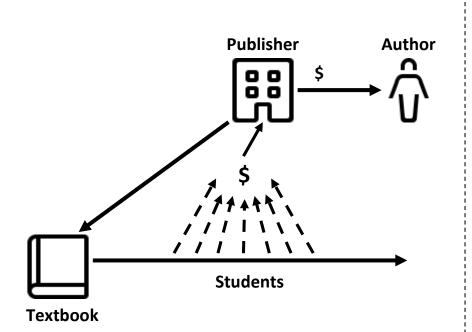
In your academic career, has the cost of required textbooks caused you to:

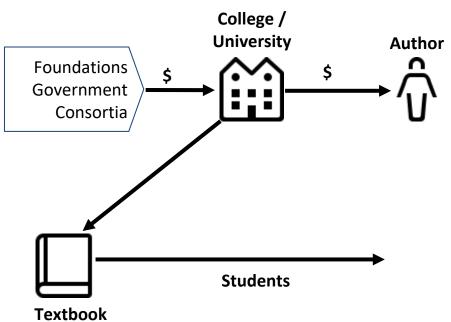
64.2%	Not purchase the required textbook
42.8%	Take fewer courses
40.5%	Not register for a specific course
35.6%	Earn a poor grade
22.9%	Drop a course
18.1%	Withdraw from a course
17.2%	Fail a course

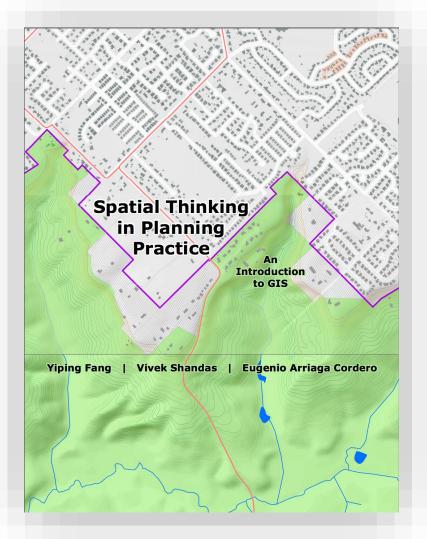


Courtesy of www.EdvardMunch.org





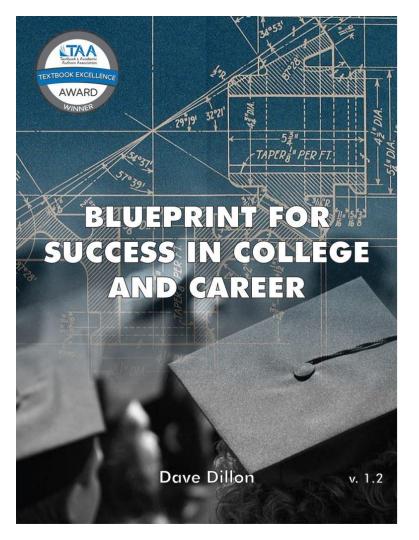






Introduction to the Modeling and Analysis of Complex Systems

Hiroki Sayama Binghamton University, SUNY

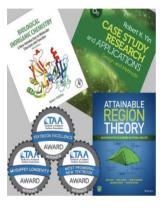


TAA announces 2019 Textbook Award winners

FEBRUARY 25, 2019 BY ERIC SCHMIEDER | 0 COMMENTS

Thirty-one textbooks have been awarded 2019 Textbook Awards by the Textbook & Academic Authors Association (TAA). Four textbooks received William Holmes McGuffey Longevity Awards, 17 textbooks received Textbook Excellence Awards, and ten textbooks received Most Promising New Textbook Awards.

The McGuffey Longevity Award recognizes textbooks and learning materials whose excellence has been demonstrated over time. The Textbook Excellence Award recognizes excellence in current textbooks and learning materials. The Most Promising New Textbook Award recognizes excellence in 1st edition textbooks and learning materials.



The awards will be presented during an awards reception at TAA's 32nd Annual Textbook & Academic Authoring Conference in Philadelphia, PA, June 14, 2019.

https://blog.taaonline.net/2019/02/taa-announces-2019-textbook-award-winners/



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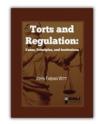
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<u>Torts and Regulation: Cases, Principles, and Institutions</u> <u>John Witt</u>



Sources of American Law: An Introduction to Legal Research
Beau Steenken

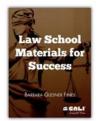
Tina Brooks



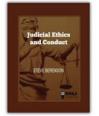
Basic Income Tax William Kratzke



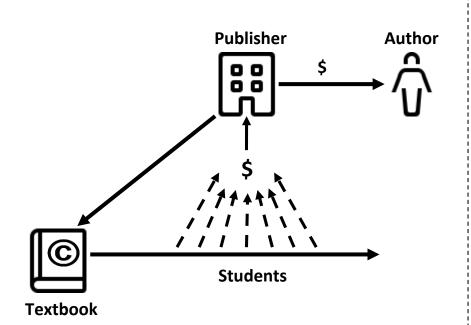
The Story of Contract Law: Formation Val Ricks

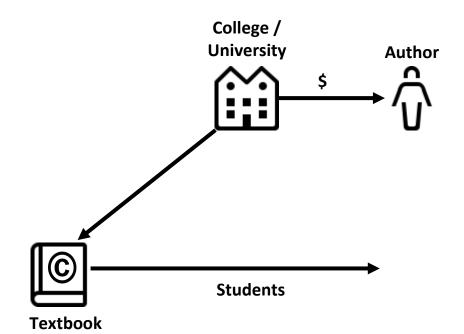


<u>Law School Materials for Success</u> <u>Barbara Glesner Fines</u>



Judicial Ethics and Conduct Steven Berenson







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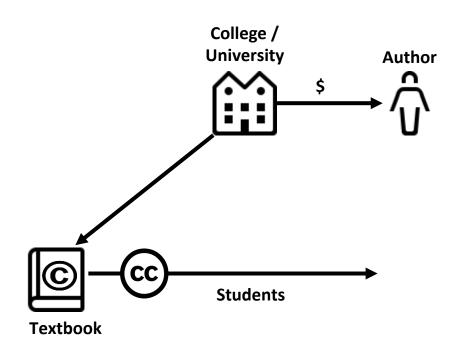
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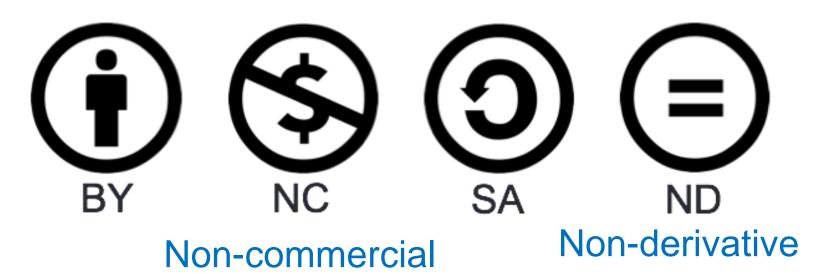
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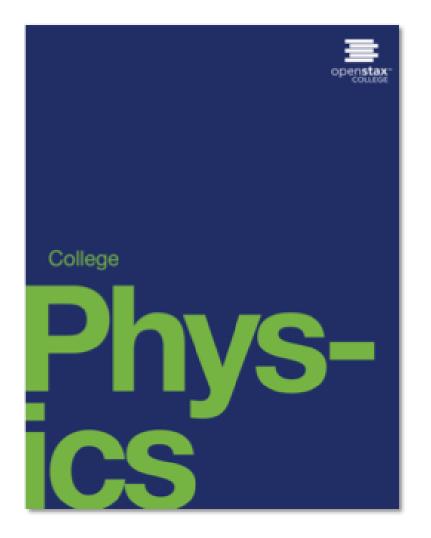












Introductory, algebra-based, two-semester college physics

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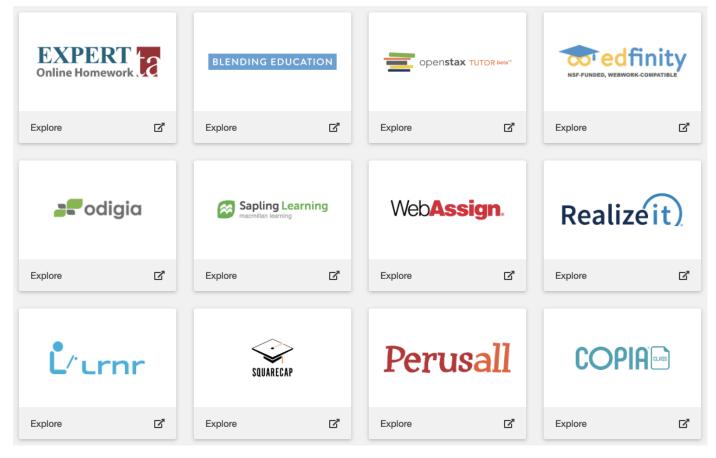
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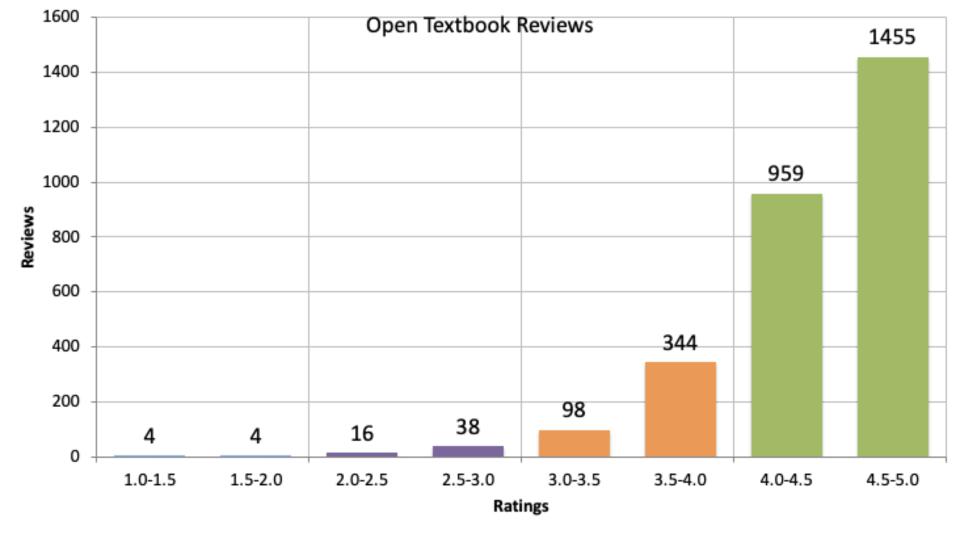
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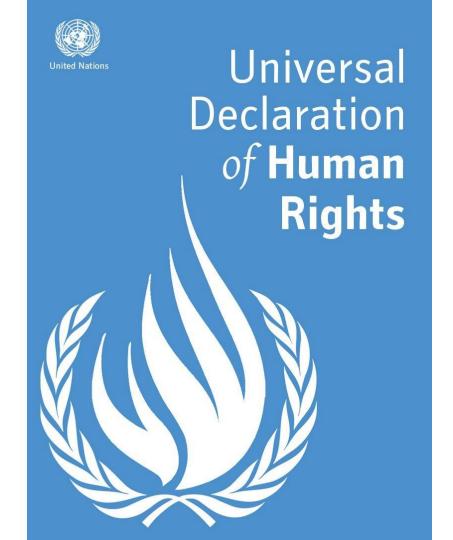


University of Georgia

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%

The Impact of Open Educational Resources on Various Student Success Metrics



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

Graduation Rate Within 8 Years

First Generation Students

2nd and 3rd Generation Students

26%

68%

The University of Arkansas is determined to build a better world by providing transformational opportunities and skills, promoting an inclusive and diverse culture, nurturing creativity, and solving problems through research and discovery, all in service to Arkansas.

How else can open textbooks improve student success?



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
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Introductory Business Statistics



Nampair OpenEd

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- 1. Descriptive statistics and frequency distributions
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- 3. Making estimates
- 4. Hypothesis testing
- 5. The t-test
- 6. F-test and one-way anova
- 7. Some non-parametric tests
- 8. Regression basics

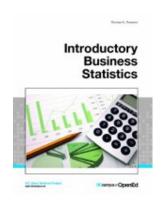


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Collaborative Statistics

(14 reviews)



Barbara Illowsky, De Anza College

Susan Dean, De Anza College

Pub Date: 2012

ISBN 13: 978097874507:

Publisher: OpenStax CNX

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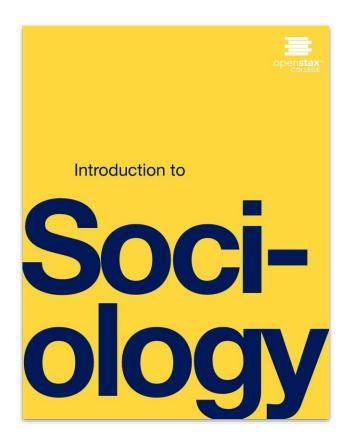
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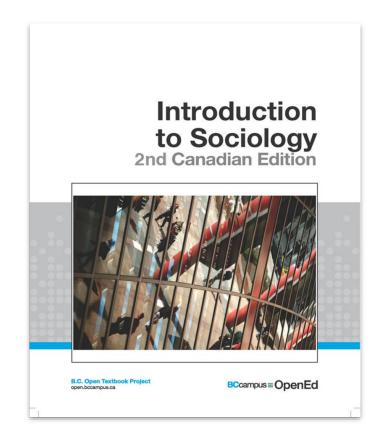
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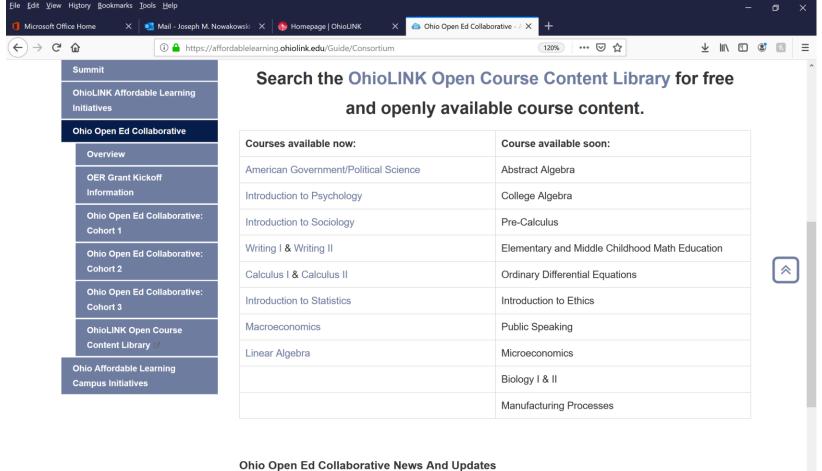
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- . 7. The Central Limit Theorem
- 8. Confidence Intervals
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- 11. The Chi-Square Distribution
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About the Book

Contextualization



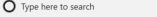




• Save the Date for the Affordable Learning Ohio Summit August 1-2 at Ohio Dominican University

































Contextualization



Open Pedagogy

The Open Anthology of Earlier American Literature

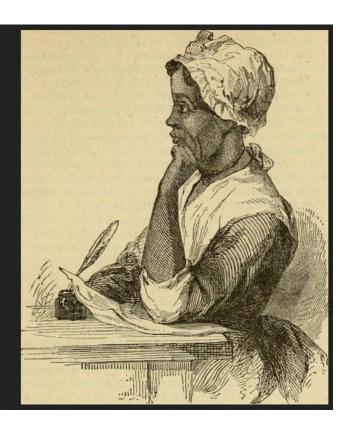
Robin DeRosa





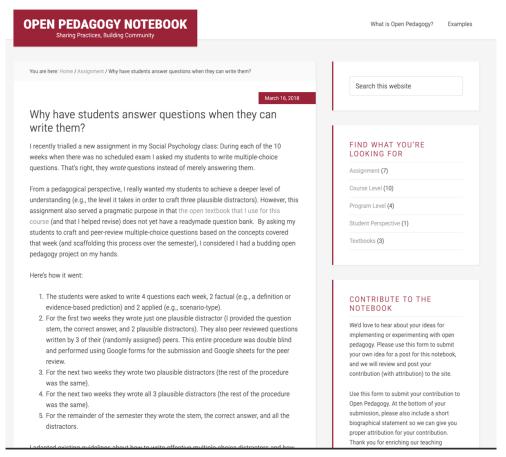
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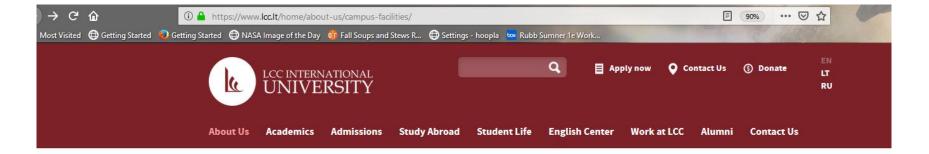
Students Creating the Test Bank

"My small class of 35 students wrote 1400 questions in the span of 10 weeks."



Opportunities for Innovative Pedagogy





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lcc.lt > About Us > Campus

In August of 1999, LCC occupied its new campus property on Kretingos street in Klaipėda. In addition to the current facilities, a campus master plan calls for future construction of dormitories and additional academic space around the small lake.

DeFehr Centras

Defehr Centras provides 4300 square meters of space including 12 classrooms, a library, language and computer laboratories, and administration and faculty offices.

Balčiūnai Library

Balčiūnai Library serves as the learning and research center by providing a welcoming study place and a variety of resources, including research library with 22.000 English volumes. 15.000 volumes textbook



Open Pedagogy Notebook openpedagogy.org

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

Academic Year

Total for Annual Impact Report

2018-2019	
Students Using OER	1620
Faculty Using OER	11
Courses Using OER	9

Standard cost formula used is \$100 per book. 1620x \$100= **\$162,000** in Student Savings

2017-2018	
Students Using OER	119
Faculty Using OER	2
Courses Using OER	2

119 x \$100= **\$11,900** in Student Savings

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- 1. You will receive an email with a link to the online review form.
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David Ernst

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@dernst

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