OPEN EDUCATIONAL RESOURCES

Dr. Tanya Spilovoy, Director of Open Policy
WICHE Cooperative for Educational Technologies

DEAC
DISTANCE EDUCATION ACCREDITING COMMISSION

NORTH DAKOTA

What people think ND is like
Walmart
What ND is actually like

WCET is the leader in the practice, policy, & advocacy of technology-enhanced learning in higher education. WCET is a national, member-driven, non-profit which brings together colleges and universities, higher education organizations and companies to collectively improve the quality and reach of e-learning programs.

Steering Committee

The Steering Committee is representative of the WCET membership, makes recommendations on programmatic issues of interest to the membership, and leads and/or contributes to activities in support of WCET's programs and membership.

Chair, Leah Matthews

APRIL 3, 2018 STUDY BY TEMPLE UNIVERSITY AND WISCONSIN HOPE LAB

"STILL HUNGRY AND HOMELESS IN COLLEGE"

36% of college students say they are food insecure.
36% say they are housing insecure
9% report being homeless

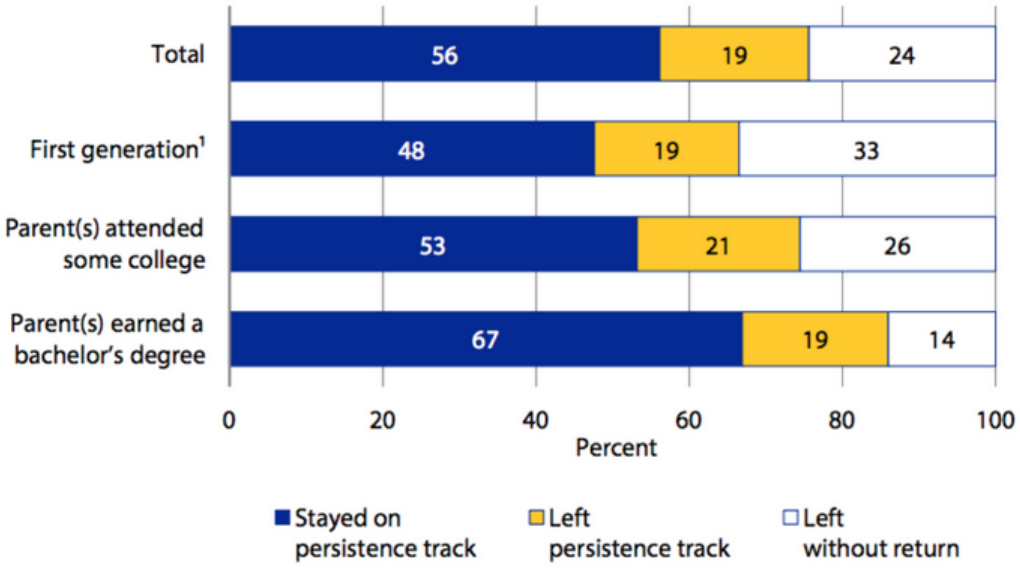
Community College students:
42% struggled to get adequate food
9% said they had gone at least one day/month without eating
46% said they had difficulty paying for housing and utilities

DOE-$5 Million for OER

We believe that educational opportunities should be available to all learners

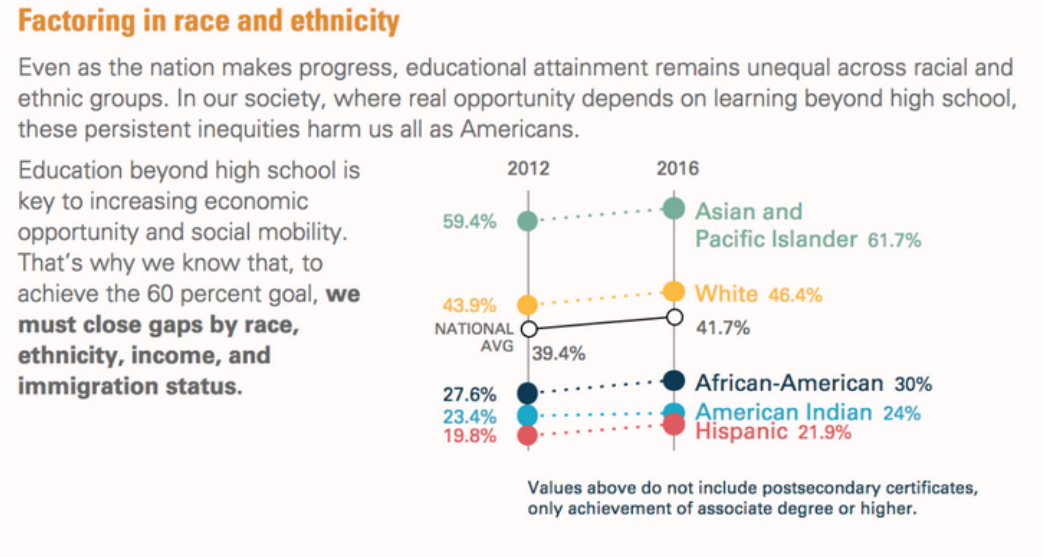
Creating an open education ecosystem involves making learning materials, data, and educational opportunities available without restrictions

Three-year persistence by parents' education



https://nces.ed.gov/pubs2018/2018421.pdf

Credential Attainment by Race and Ethnicity



http://strongernation.luminafoundation.org/report/2018

Postsecondary Student Characteristics

'New Normal' Students in Higher Education

74% of all undergraduate students have at least one nontraditional characteristic

66% transfer between institutions prior to completion

62% work either full or part time

43% attend part time

28% have at least one dependent

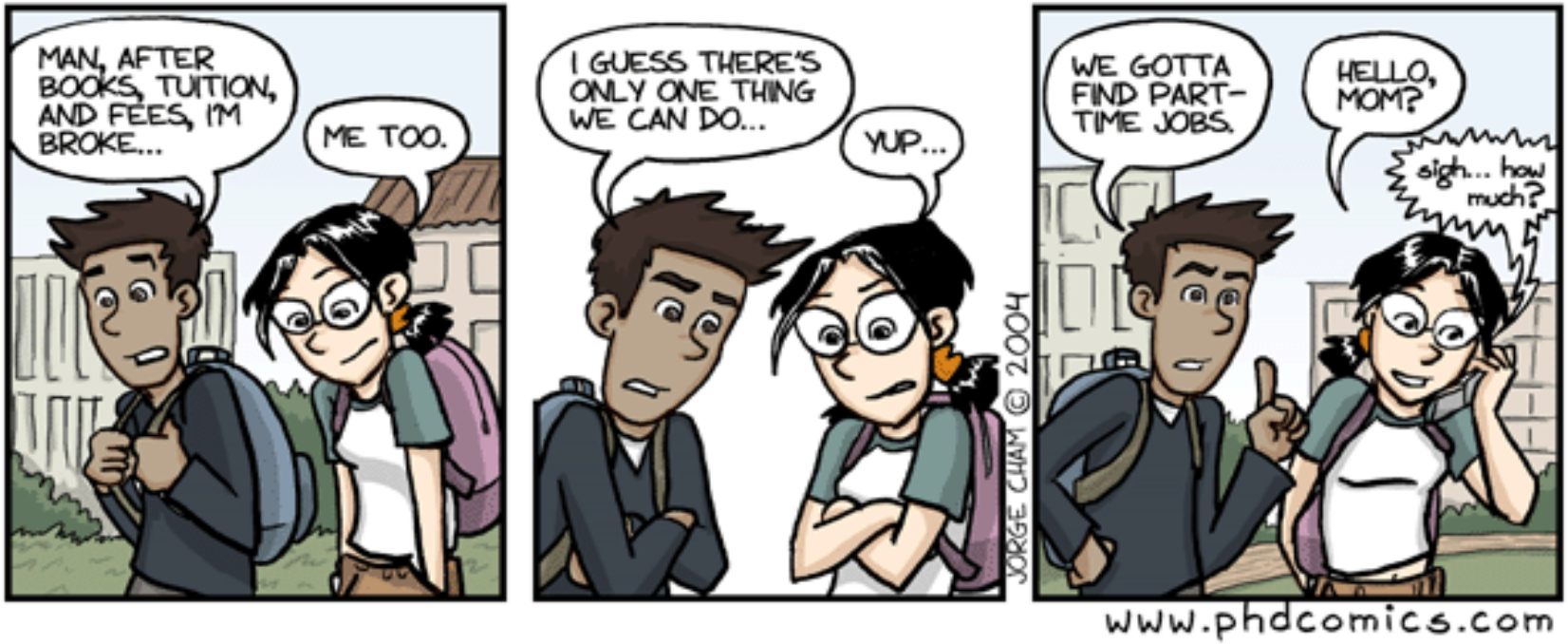
35% are enrolled in two-year colleges

63% are first-gen students

Source: National Center for Education Statistics. (2015).[2]

http://tech.ed.gov/HigherEdNETP

STRUGGLING STUDENTS

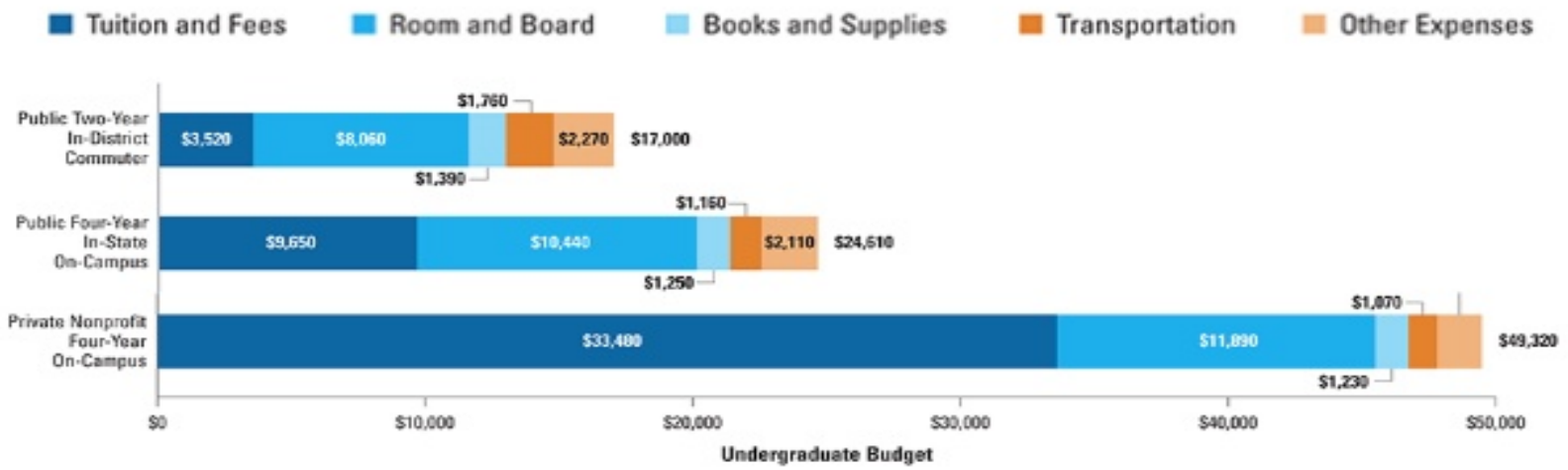


THE COST OF COLLEGE

- $1.44 trillion in total U.S. student loan debt
- 44.2 million Americans with student loan debt
- Student loan delinquency rate of 11.2% (90+ days delinquent or in default)
- Average monthly student loan payment (for borrower aged 20 to 30 years): $351
- Median monthly student loan payment (for borrower aged 20 to 30 years): $203

(NY Federal Reserve. 2016)

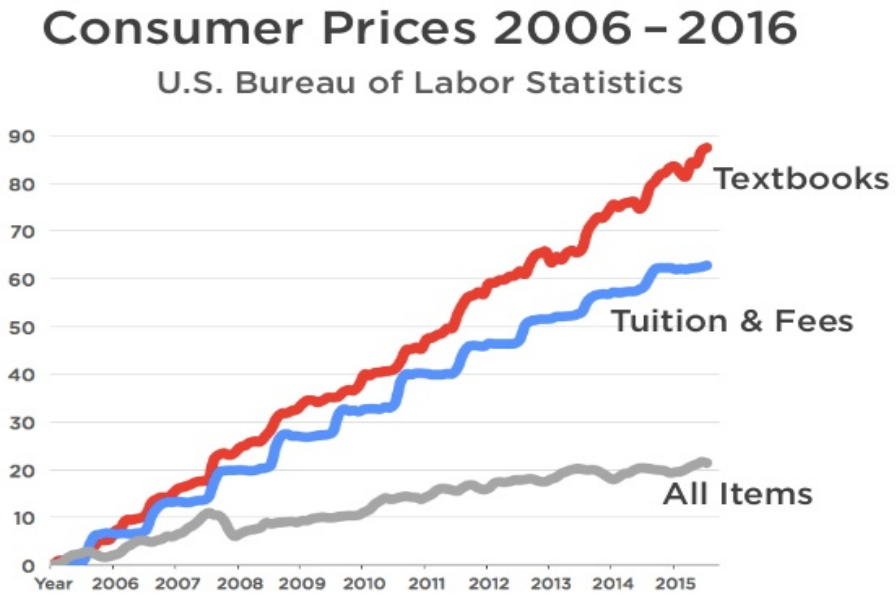
Average Estimated Undergraduate Budgets, 2016-17



Books & Supplies = $1,200+

Source: College Board

COLLEGE TEXTBOOK PRICES



College textbook prices have risen 812% since 1978, and 65% of students have sometimes chosen not to buy the textbook, even though 94% of students believe it will affect their grade. (Center of the Public Interest Research)

OREGON STATE UNIVERSITY STUDENTS

STUDENTS VS TEXTBOOKS

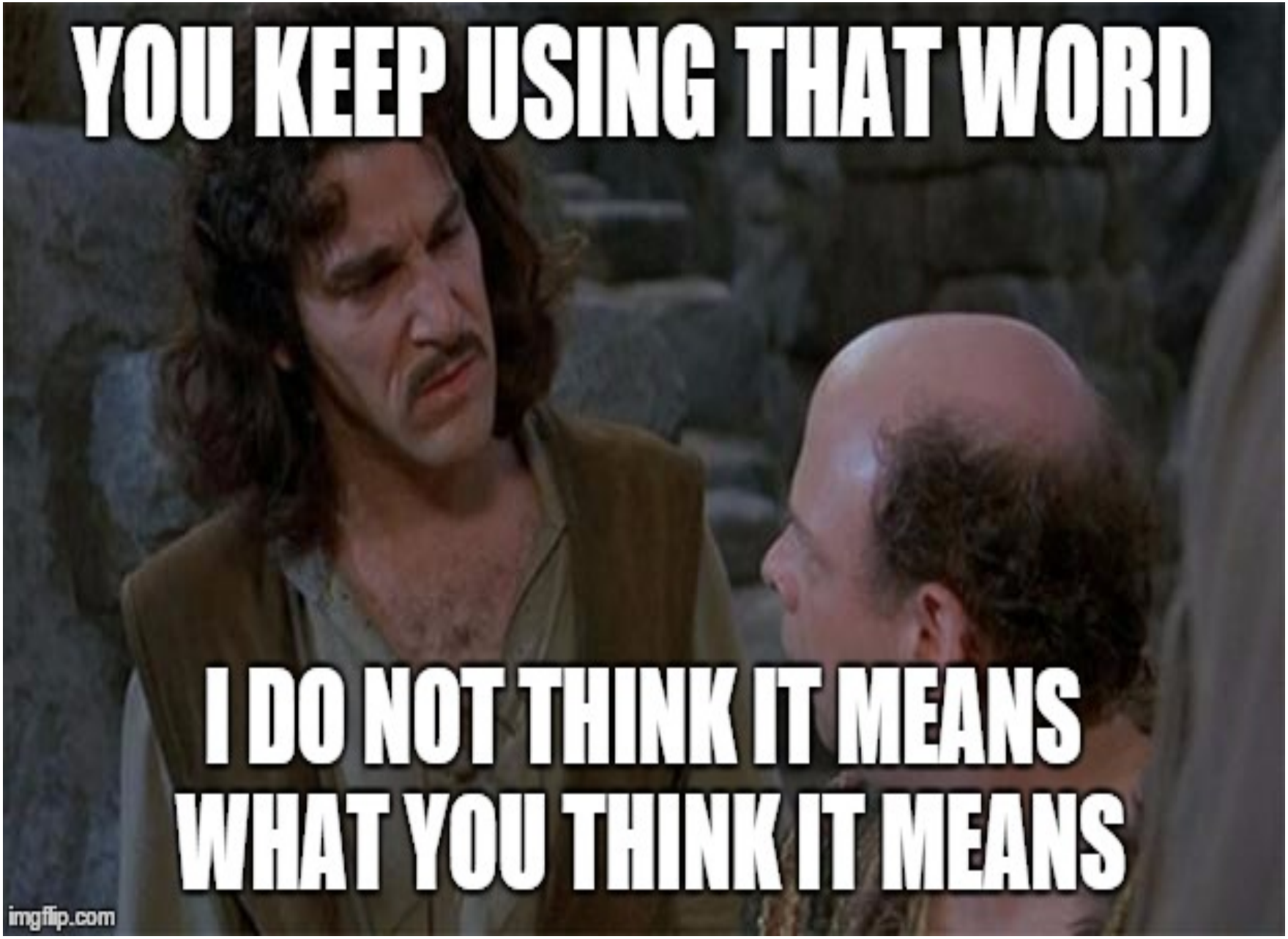
- Purchase an older edition of a textbook
- Delay purchasing a textbook
- Never purchase a textbook
- Share the textbook with another student
- Download textbooks from the internet

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

VIRGINIA TECH


YOU KEEP USING THAT WORD
I DO NOT THINK IT MEANS
WHAT YOU THINK IT MEANS
imgflip.com

WHAT ARE OER?

Open educational resources (OER) are freely available learning materials that can be downloaded, edited and shared to better serve all students.
(William and Flora Hewlett Foundation)

This means all students have access to free learning materials the first day of class.

WHAT ARE OPEN TEXTBOOKS?

Open Textbooks are textbooks that are freely available with non-restrictive licenses. Covering a wide range of disciplines, open textbooks are available to download and print in various file formats from several websites.

This means all students have access to free learning materials the first day of class.

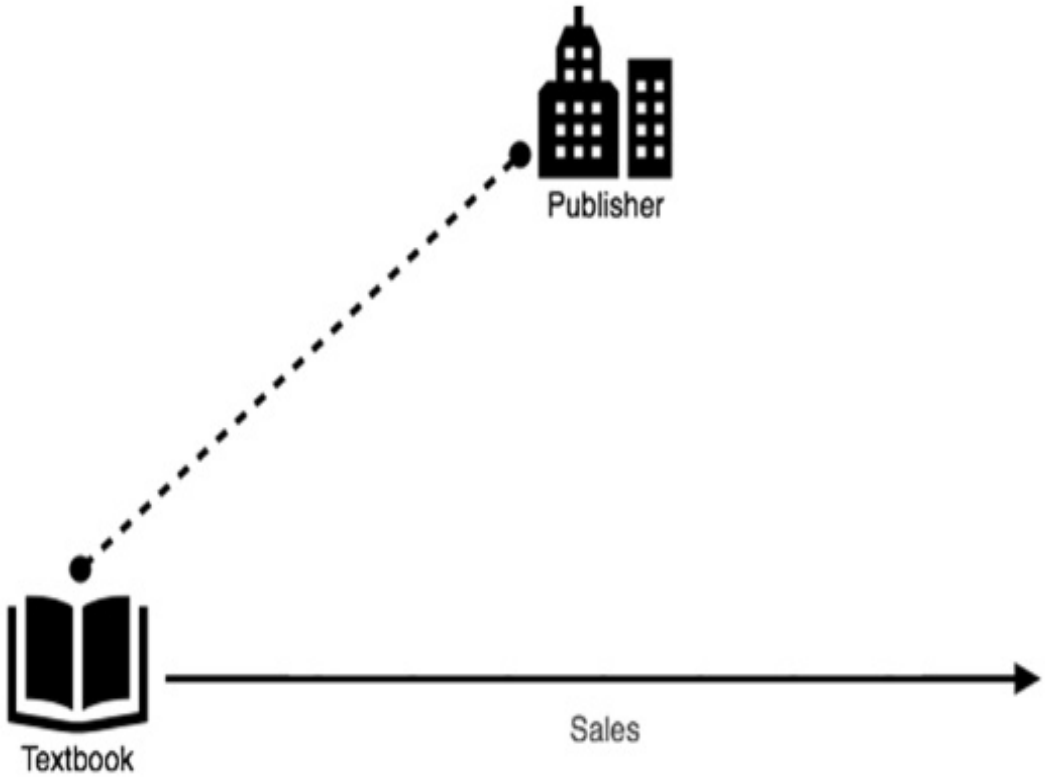
PROMISING DATA FOR HIGHER EDUCATION

OER show promise in improving student outcomes as supported by research, they provide more learning and authorship opportunities for faculty and students, and they are openly available to everyone.

Research shows that OER can contribute to higher rates of course completion in two- and four-year higher education programs without sacrificing performance in those courses.

All Rights
Reserved

Some Rights
Reserved


Publisher
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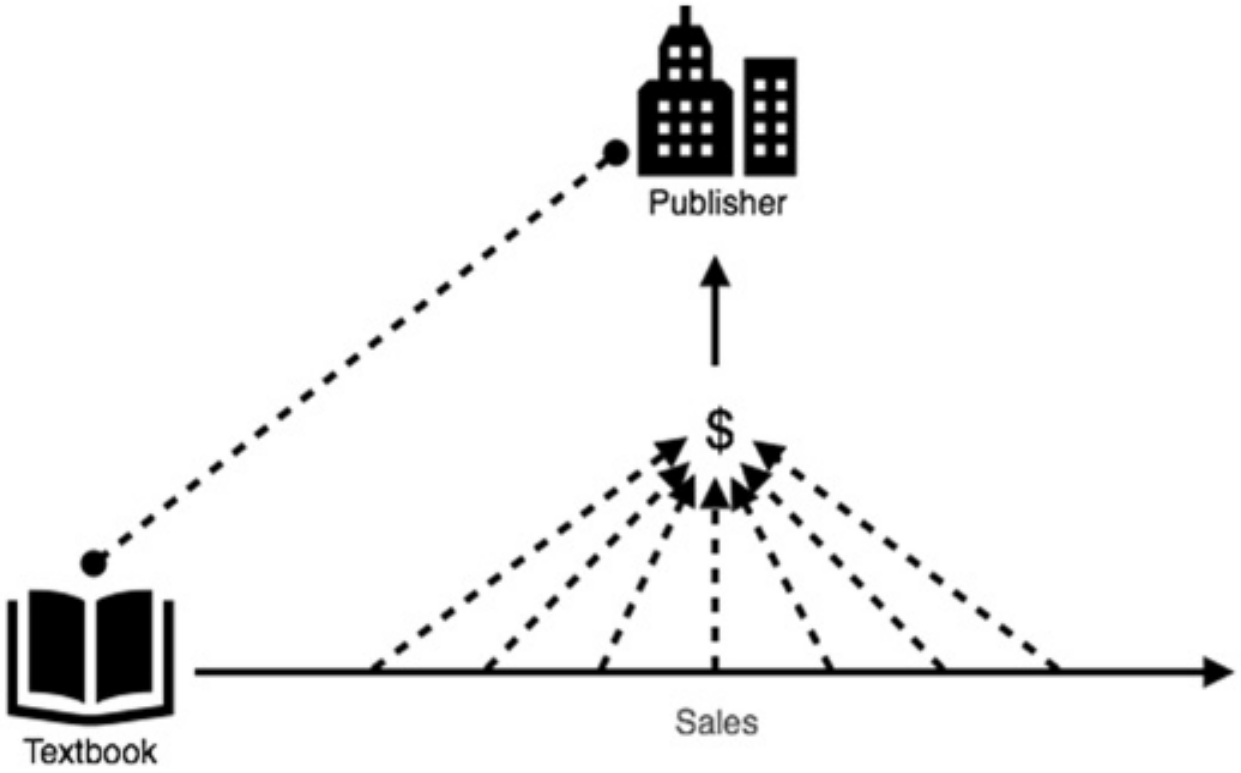
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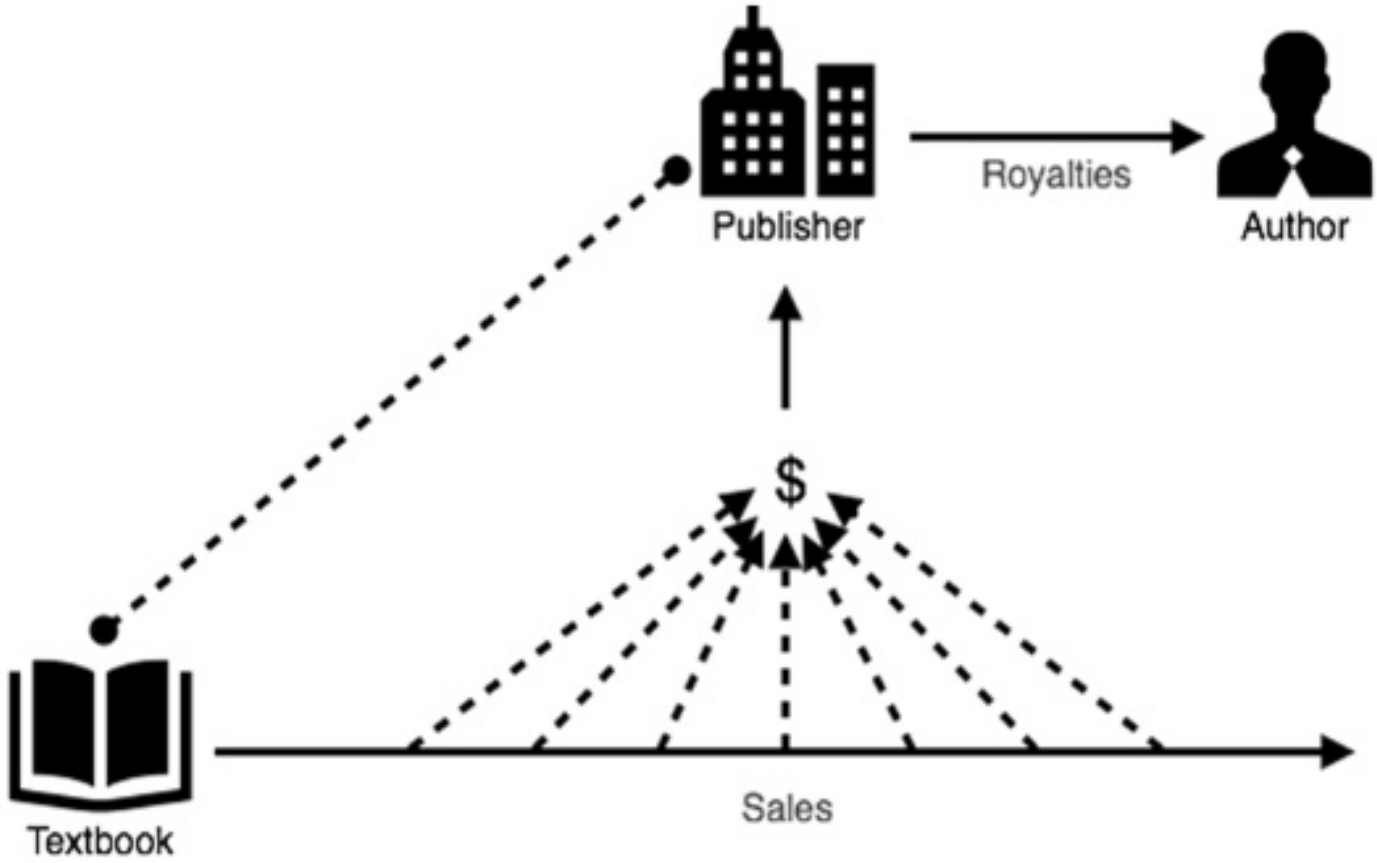
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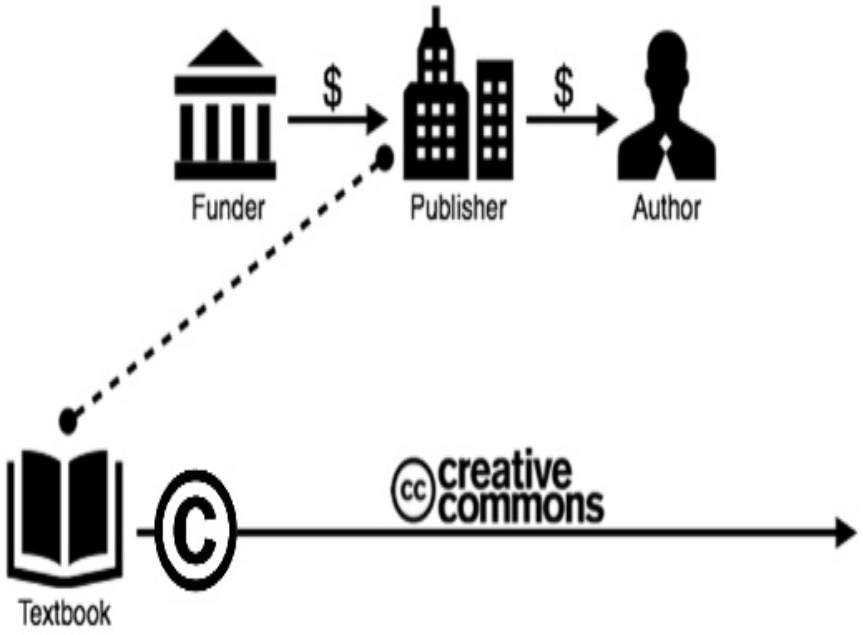
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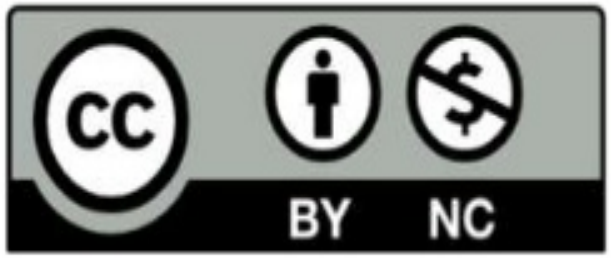
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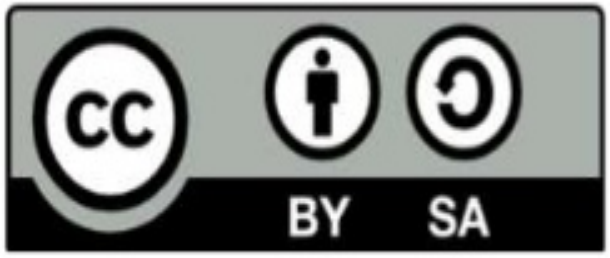
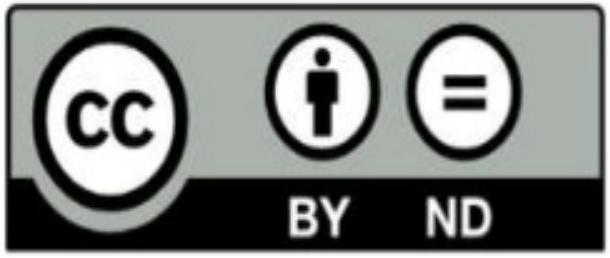

BY SA

BY NC SA


BY ND

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WHERE TO FIND OER

- **Rice University Open Stax** https://openstax.org/subjects
- **University of Minnesota Open Textbook Library**

  https://open.umn.edu/opentextbooks/
- **MIT Open Courseware** https://ocw.mit.edu/index.htm
- **Skills Commons** https://www.skillscommons.org/
- **Merlot** https://www.merlot.org/merlot/index.htm
- **Phet Sims** https://phet.colorado.edu/en/simulations/category/physics
- **Youtube** https://youtu.be/0nYXFletWH4

CUNY: COST SAVINGS AND STUDENT BENEFITS

By Fall 2019, CUNY students will have saved **$8.1 million** thanks to OER.

"But the impacts at CUNY have gone far beyond economics: These open resources are revolutionizing teaching and learning at our institution. Here are four powerful effects that aren't just about cost savings." ~Ann Fiddler, OER Librarian, CUNY

1. Faculty are reinvigorated about teaching

2. All students, regardless of their circumstances, have access to their learning materials from day one.

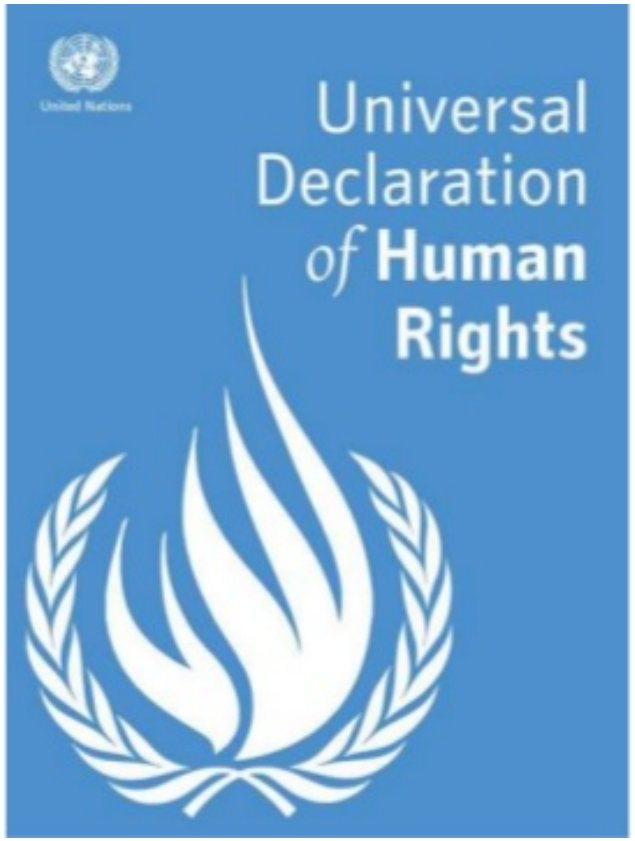
3. Student outcomes are improving- "In one math course using OER at CUNY, students scored 10 points higher on the final exam than and were three times as likely to pass the course as students using traditional textbooks."

4. OER is all about collaboration—within and across states

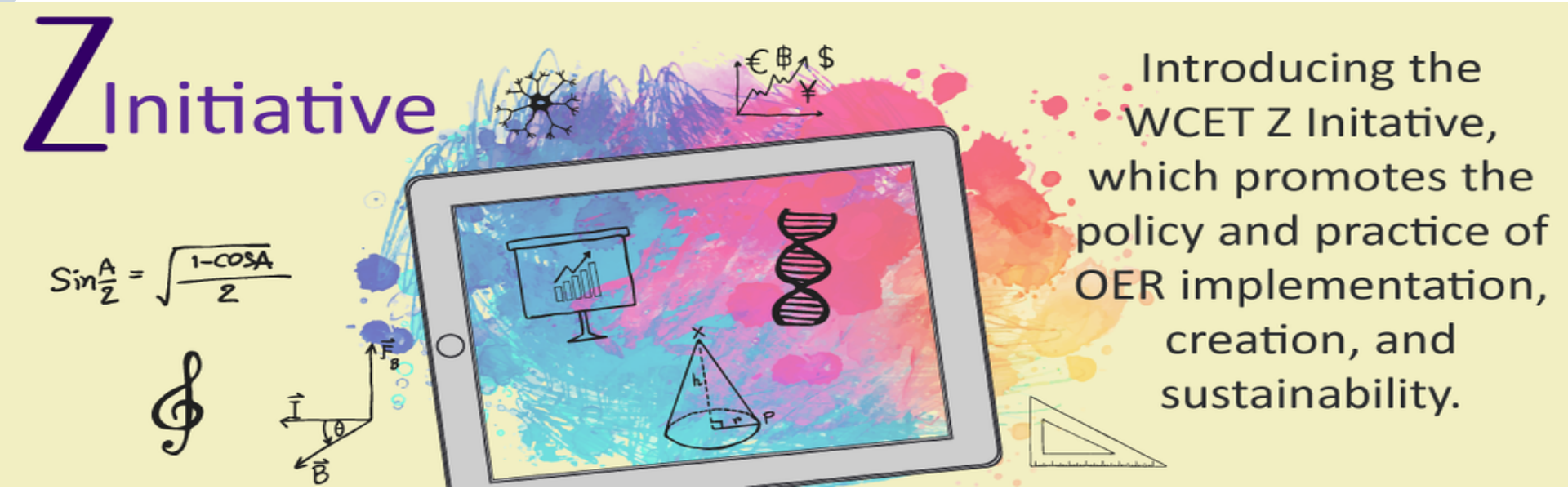
ZERO TEXTBOOK COST DEGREES

Example: California

In 2016, the California government appropriated $5 million to support the creation of Zero Textbook Cost Degrees at the state's community colleges. Among the justifications for the program were that the more than 100 institutions in that system could easily share and build upon each other's work, so investing in one degree at one college, could lead to multiple degrees at multiple colleges. This follows a nationwide trend pioneered by Tidewater Community College in Virginia, and a 38-campus initiative led by the non-profit Achieving the Dream launched earlier this year.



"…higher education shall be equally accessible to all"



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https://wcet.wiche.edu/initiatives/z-initiative

https://twitter.com/TanyaSpilovoy

LET'S TALK ABOUT OER! ☺