

OER/ZTC: Where We Are and What's Next

James Glapa-Grossklag

Dean, Educational Technology, Learning Resources, and Distance
Learning

COC FLEX 2/4/21



Session Description

If you're familiar with Open Educational Resources (OER), but wonder what's next at COC and other colleges, this workshop is for you. You'll hear about the impact of 'going OER' at COC, including the ways that OER reduce equity gaps, and find out what's next both at COC and across the US.

By the end of this session, participants will be able to:

1. Describe the impact of OER at COC
2. Summarize research findings that OER reduces the equity gap
3. Describe what's next in OER at COC and across the US



FREE TEXTBOOKS OER YOU KIDDING ME!?

- save money
- access immediately
- customized for your class

www.canyons.edu/OER



by marcodede is under a CC-BY license.

OERs are freely available learning materials that can be copied, edited and shared to better serve all students



Free of charge

≠

Free of restriction

Copyright

“All Rights Reserved”

Retain.

~~**Reuse.**~~

~~**Remix.**~~

~~**Revise.**~~

~~**Redistribute.**~~

OER

Retain.

Reuse.

Remix.

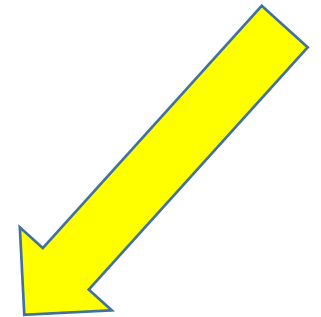
Revise.

Redistribute.



*“I took a lot of time off school JUST
BECAUSE I couldn’t afford the
textbooks, even after I became a
student purchasing the textbook was
THE HARDEST PART.”*

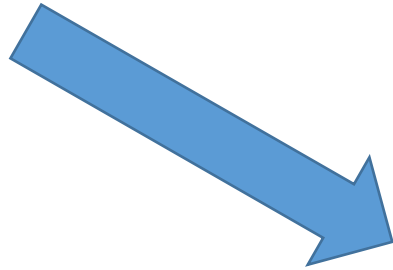
	OCT 2020	OCT 2019	% CHANGE
ADULT BOOKS	\$610.9	\$554.2	10.2%
CHILDREN'S & YOUNG ADULT BOOKS	\$290.1	\$323.2	-10.2%
RELIGIOUS PRESSES	\$59.6	\$60.2	-1.0%
PROFESSIONAL BOOKS	\$47.0	\$38.5	22.0%
K-12 INSTRUCTIONAL MATERIALS	\$103.9	\$120.8	-14.0%
HIGHER EDUCATIONAL COURSE MATERIALS	\$93.4	\$24.6	280.2%
UNIVERSITY PRESSES	\$4.0	\$4.4	-7.6%
ALL OTHER	\$6.9	\$7.1	-2.6%
TOTAL	\$1,215.8	\$1,133.0	7.3%



<https://publishers.org/news/ap-october-2020-statshot-report-publishing-industry-up-7-3-for-month-down-1-0-year-to-date/>

Student Perception of Barriers

What is the top barrier to achieving your academic goals?



- Costs related to textbooks
 - 2016: 60%
 - 2018: 48%
 - 2019: 43%

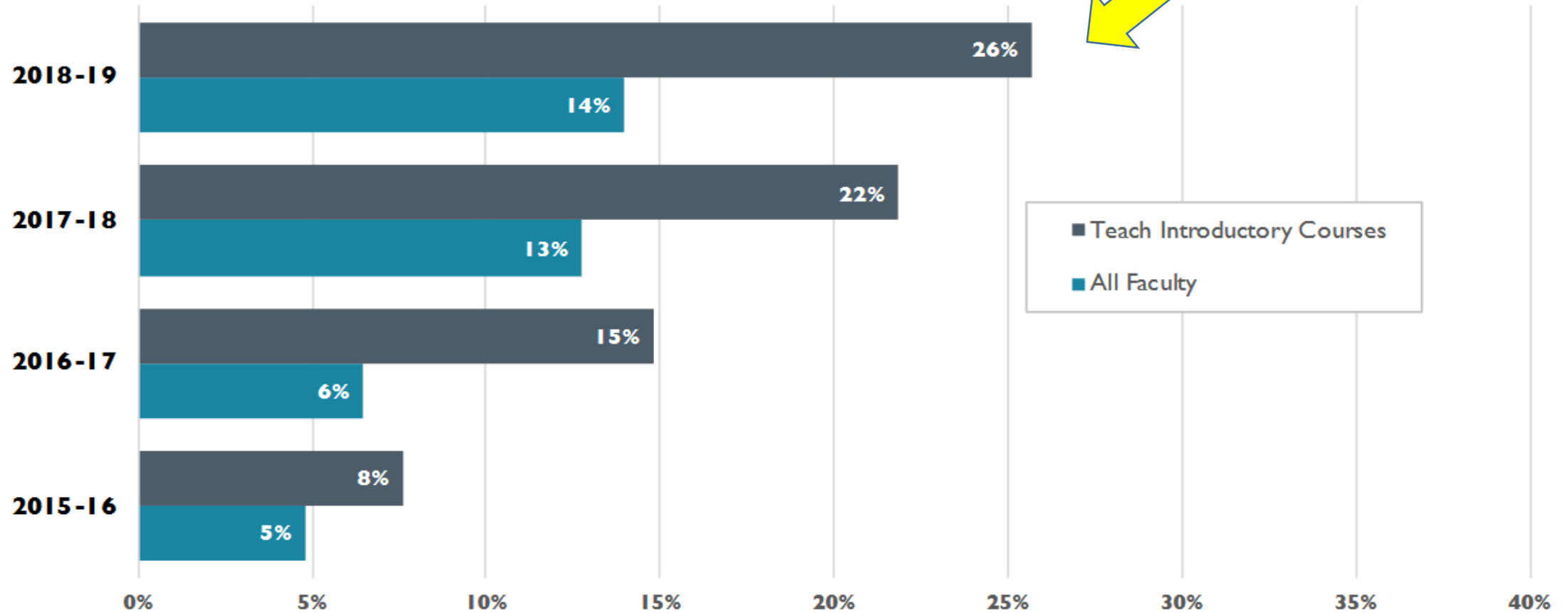
COC 8th, 9th, 10th Annual Student Survey of Online Classes

2019-20:

- 312 ZTC sections
- 200 more sections using OER textbook + paid supplement
- (512/1836 total CR + NC = 28%)

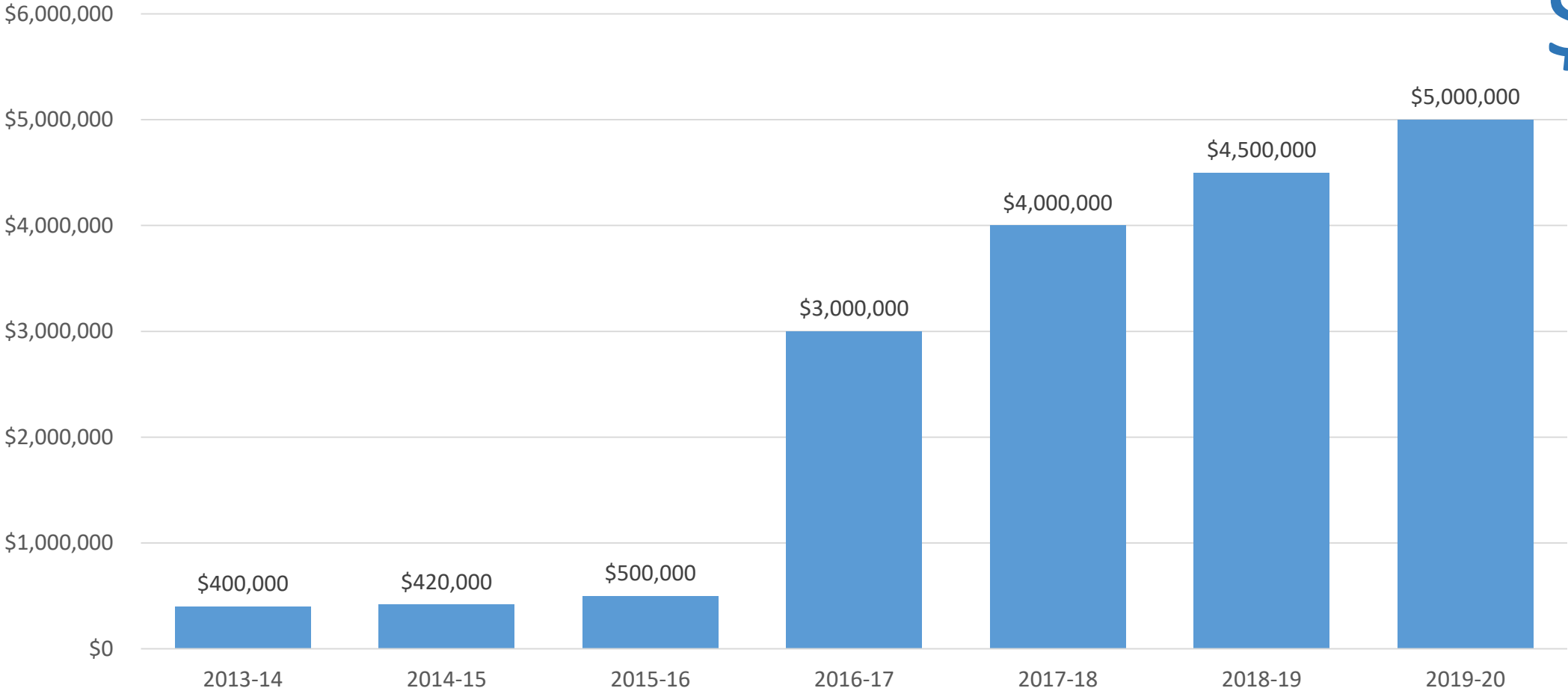
U.S. Faculty Say

USED OER IN ANY COURSE AS REQUIRED MATERIAL: 2015-16 TO 2018-19



Annual Savings for Students 2013 - 2020

\$5M



■ Annual Savings for Students



FRIDAY, OCTOBER 12, 2018 NEWS

\$1 Billion in Savings through Open Educational Resources

Open Education

By Nicole Allen

Students Satisfaction

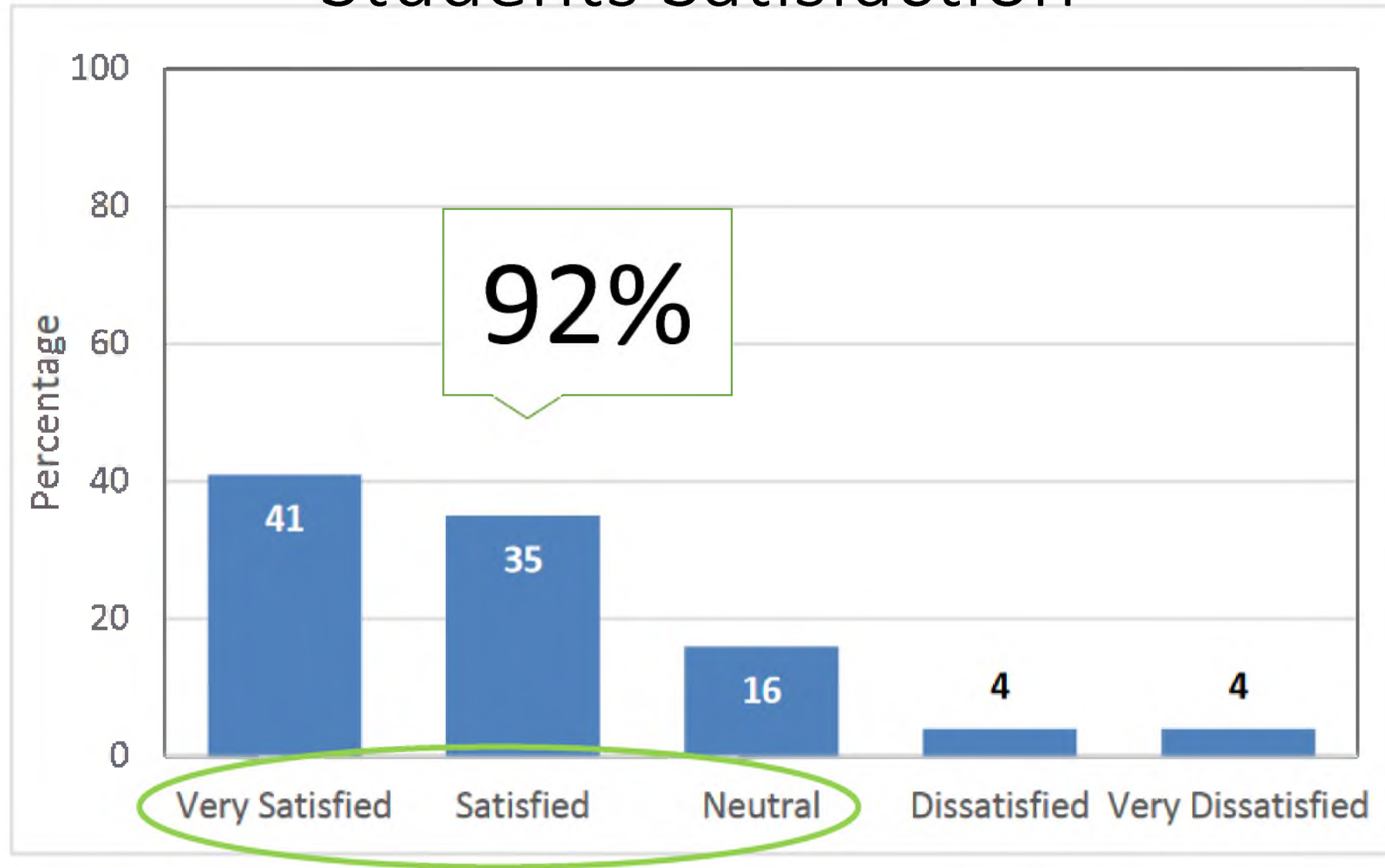
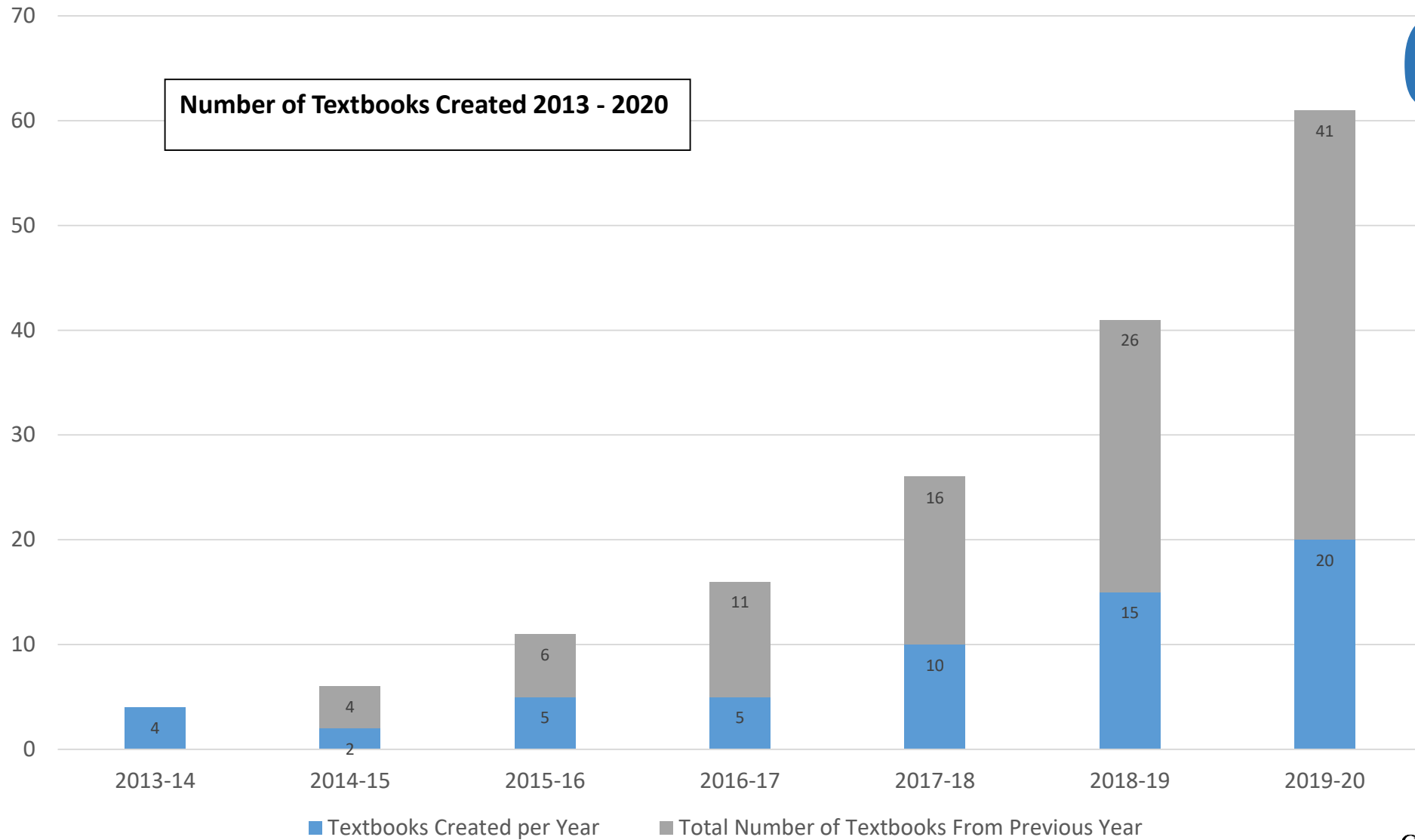


Figure 1. Satisfaction with OER (Percentage)



61

www.canyons.edu/ztc → ZTC Textbooks



MY CANYONS



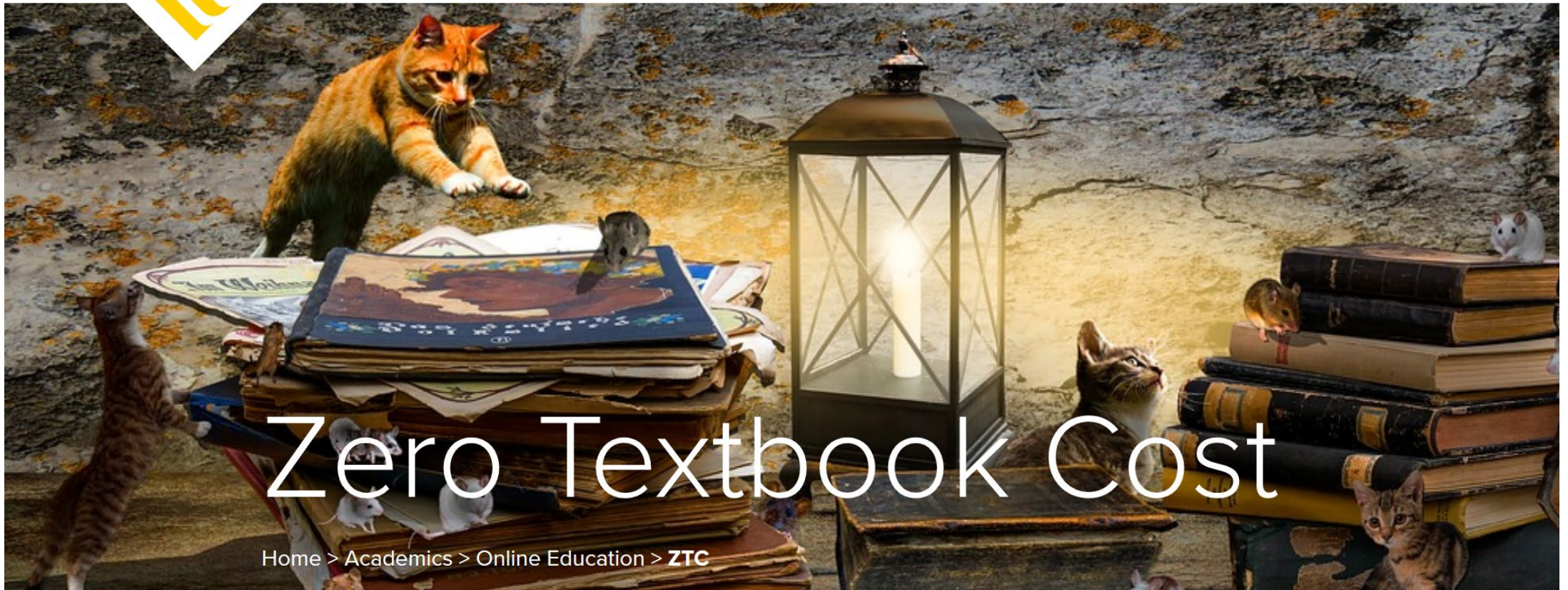
CANVAS

[Ask Canyons](#) [A-Z index](#)

[Students](#)

[Future Students](#)

[Community](#)



Zero Textbook Cost

Home > Academics > Online Education > ZTC

Closing the Equity Gap?

In OER sections:

- Success rates for Latinx male students improved **from 58% in 17FA to 66% in 18FA.**
- Success rates for Pell recipients improved **from 69% in 17FA to 71% in 18FA.**
- Success rates for Latinx, male, Pell recipients improved **from 60% in 17FA to 67% in 18FA.**
- Success rates for African American / Black, Pell recipients improved **from 57% in 17FA to 63% in 18FA.**

OER Closes Equity Gaps: National Study

OER vs commercial	Change Grade	Change DFW
All Students	+8.6	-2.68%
Non-Pell Eligible	+7.4%	-2%
Pell Eligible	+12.3%	-4.4%
Non-White	+13%	-5%
Part-Time	+28%	-10%

n = 21,822 students

Source: AAC&U, University of Georgia
The Impact of Open Educational Resources on Various Student Success Metrics,
in *International Journal of Teaching and Learning in Higher Education*, 2018

Images that look like our students (openly licensed)

- [Allgo: Free Plus-Size Stock Photos](#)
- [The Gender Spectrum Collection](#)
- [Nappy: Beautiful Photos of Black and Brown People, for free](#)
- [WOCinTech: Women of Color in Tech](#)
- More at: [Looking for Images that Reflect Diversity, Equity, and Inclusion? Ask the Community](#) (CCCOER blogs)



"wocintech (microsoft) - 53" by [WOCinTech Chat](#) is licensed under [CC BY 2.0](#)



"Two non-binary friends playing video games" [The Gender Spectrum Collection](#)
CC BY-NC-ND 4.0

Representation Matters

The Profession

It's (Not) in The Reading: American Government Textbooks' Limited Representation of Historically Marginalized Groups

Shawna M. Brandle, *Kingsborough Community College*

American government textbooks include little coverage of any historically marginalized groups, and OER textbooks are average in this respect, neither better nor worse than their traditionally published counterparts.

<https://www.cambridge.org/core/services/aop-cambridge->

[core/content/view/61860A5FBECD138C110E277079687E61/S1049096520000797a.pdf/its_not_in_the_reading_american_government_textbooks_limited_representation_of_historically_marginalized_groups.pdf](https://www.cambridge.org/core/content/view/61860A5FBECD138C110E277079687E61/S1049096520000797a.pdf/its_not_in_the_reading_american_government_textbooks_limited_representation_of_historically_marginalized_groups.pdf)

@BrownSkinMatters (IG)

The long read

Decolonising dermatology: why black and brown skin need better treatment

During my medical training, it was almost always assumed that my patients would be white. That prejudice is harmful in its own right - and when it comes to dangerous skin conditions, it can be deadly

<https://www.theguardian.com/society/2020/aug/13/decolonising-dermatology-why-black-and-brown-skin-need-better-treatment>

Are 'whitewashed' medical textbooks putting black lives at risk?

WRITTEN ON 23RD OCTOBER 2020. POSTED IN **SCIENCE & TECH**

<https://manunion.com/2020/10/23/are-whitewashed-medical-textbooks-putting-black-lives-at-risk/>

Dermatology Has a Problem With Skin Color

Common conditions often manifest differently on dark skin. Yet physicians are trained mostly to diagnose them on white skin.

<https://www.nytimes.com/2020/08/30/health/skin-diseases-black-hispanic.html>

Names Matter

TOPICAL

Tulsa Race Massacre: For years it was called a riot. Not anymore. Here's how it changed.

Kendrick Marshall May 31, 2020 Updated Jul 7, 2020

https://tulsaworld.com/news/local/racemassacre/tulsa-race-massacre-for-years-it-was-called-a-riot-not-anymore-heres-how-it/article_47d28f77-2a7e-5b79-bf5f-bdfc4d6f976f.html

Mini-Grant Opportunity

- Revise Existing OER
- Author New OER
- Supported by our OER team
- Focus on Cultural Relevancy and/or Antiracism
- Formal announcement next week

Zero Textbook Cost (ZTC) Degrees



... community college associate degrees or career technical education certificates earned entirely by completing courses that eliminate conventional textbook costs by using alternative instructional materials and methodologies, including open educational resources ...

CA Education Code Section 78052(a)

ZTC Grantee Success Data

- Grades for Pell Recipients: +7.6%
- Grades of A: +7.3%
- Grades of D: -15.6%
- Grades of F: -11.2%
- 179,050 letter-graded outcomes
- ZTC courses = 37,475 (21%)
- Non-ZTC courses = 141,575 (79%)



ZTC @ COC

- ✓ Communication Studies
- ✓ Counseling
- ✓ Early Childhood Education
- ✓ Land Surveying
- ✓ Sociology
- ✓ Water Systems Technology

Free Classes

ZTC Classes

Honors Classes

[What is ZTC?](#)



openCI



Channel Islands
CALIFORNIA STATE UNIVERSITY



CSU's 1st Z-MAJORS

Three **zero-textbook-cost majors** where students can avoid buying a single book



300+ SECTIONS

Nearly **350 sections** redesigned as no-cost spanning **20 programs**

100% QUALITY

100% of faculty rated the no/low-cost materials as "equal to" or "better than" previous materials



30% of FACULTY

150 of CI's 490 Professors & Lecturers have become **openCI Ambassadors**



\$2,127,336 in SAVINGS

That's a huge number per capita, as compared to larger CSUs. With nearly 50% of CSU students facing food insecurity & over 10% facing homelessness, this also means CI's students have more money for **basic needs!**

- **ARTICULATION. Will courses using OER in the CA Community Colleges transfer to the CSU?** The articulation statement from the CSU and UC (2017) is as follows:
 - It is fine to use assembled materials or Open Educational Resources, so long as they're stable and publicly available as published textbooks (and not a list of links).
 - All CSU and UC campus departments consider the content of textbooks when reviewing articulation proposals from the CCCs. The use of online texts is reviewed by campuses on a case-by-case basis for articulation with CCCs.
 - There are multiple CCC courses that use online texts that are approved for CSU- and UC-transferability, and for articulation with CSU and UC campuses.
 - Some CSU and UC campus departments use online texts themselves.

Source: <https://als.csuprojects.org/faq>

Governor Newsom Proposes \$15M for ZTCs

"I am committed... in addressing, I'll say it, the racket that is textbooks in this country. Usurious costs associated with textbooks and so we will do more this year... because we in California have an obligation to disrupt that entire system nationwide."



Community College

- \$250M:** Financial aid grants
- \$100M:** Basic needs / food / housing
- \$30M:** Mental health
- \$23.1M:** Enrollment growth
- \$20M:** Professional Development
- \$15M:** Open-sourced textbooks

CALIFORNIA
ALL
2021-22 BUDGET



New Grant, New Opportunities



Open Textbook Pilot Grants 2020

The U.S. Department of Education awarded over \$6 million in its third round of Open Textbook Pilot grants. Public community college consortia in California and New Jersey each received awards centered on Hispanic and minority serving institutions. Louisiana's state library network (LOUIS) focused on high school dual-enrollment and the University of Texas, Arlington leading a multi-state university consortia for professional transportation studies also received awards.

- Facilitated course in OER + Culturally Responsive Teaching = Equity
- Opportunities to collaborate with other colleges on OER development

Chippewa Valley – Open RN

- *Nursing Skills* textbook: Peer Review Feb 1 - March 1; Published by June 1
- *Nursing Fundamentals* textbook: Anticipated Peer Review April-May; Published this summer
- 3 others in process
- 25 VR scenarios



ASCCC OER Initiative



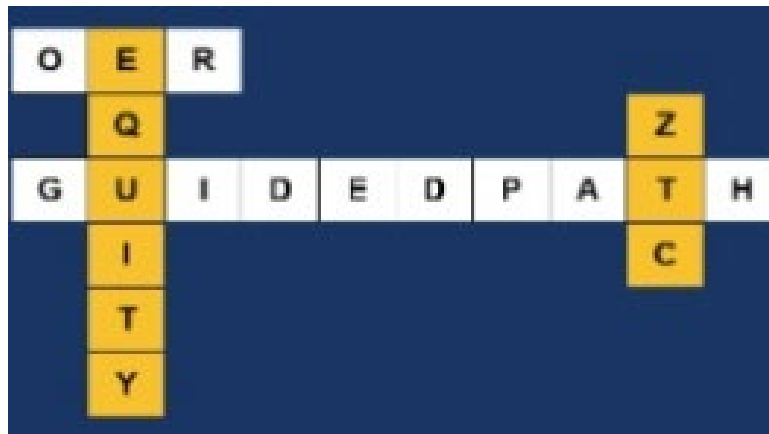
<https://asccc-oeri.org/>

“Zero Textbook Cost Pathways: OER & Equity”

Canvas Course

Facilitated and self-paced versions available in Canvas Commons

Search Canvas Commons for “ZTC Equity”



**OPEN COURSE
Award for Excellence
2019**



**Zero Textbook Cost
Pathways:
OER & Equity**

CCC ZTC DEGREE PROGRAM

Student Stories

[View all](#)

Equity & Openness

[View all](#)

Case Studies

[View all](#)



College of the Canyons grad continues OER advocacy at 4-year college



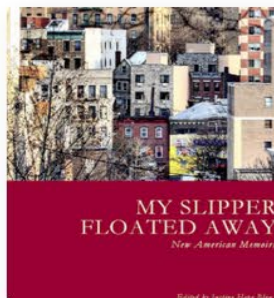
A Question of Labor: Reconsidering OER and Inequality



Student-Ready ZTC Pathways: It Takes a Village



Westhills College Lemoore OER Student Advocate



My Slipper Floated Away: Showing Students Their Stories Matter



Creating an OER Culture on Campus



Grossmont College's OER Internship Program



Hurry Up and Slow Down



Success through Cross-Campus Collaboration

CCCOER.ORG

OER @ COC

- Search for OER
- Re-mix content
- Proofread and format materials
- Edit for accessibility
- Ensure proper licensing

- OER@Canyons.edu
- www.canyons.edu/ztc





FREE TEXTBOOKS OER YOU KIDDING ME!?

- save money
- access immediately
- customized for your class

www.canyons.edu/OER



by marcodede is under a CC-BY license.