Learning Impact in Maryland

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MARYLAND OPEN SOURCE TEXTBOOK *Initiative*

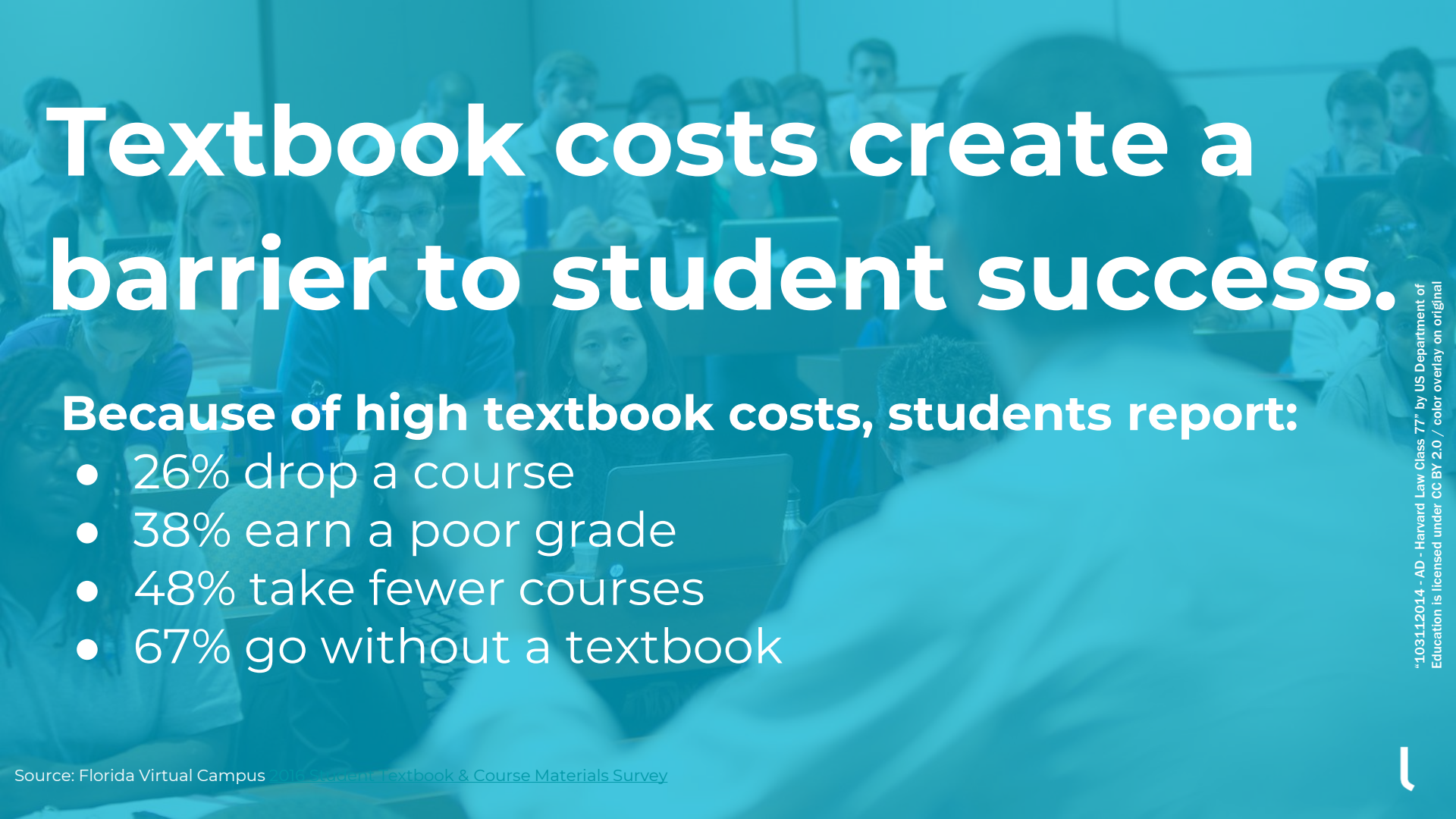
lumen

our mission:

enable unprecedented learning for all students

Learning innovators with open educational resources (OER)
Over 200 active institutional partners
235,000 students and $20 million in textbook cost savings in 2018

Bryan Minear: Unsplash: CC0



Textbook costs create a barrier to student success.

Because of high textbook costs, students report:

- 26% drop a course
- 38% earn a poor grade
- 48% take fewer courses
- 67% go without a textbook

Source: Florida Virtual Campus 2016 Student Textbook & Course Materials Survey

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What We Do

Replace expensive textbooks with OER designed to strengthen learning

Lumen Learning is a trusted partner of the M.O.S.T. Initiative because these courses and courseware meet criteria regarding quality, accessibility, and learning. For more information visit usmd.edu/most

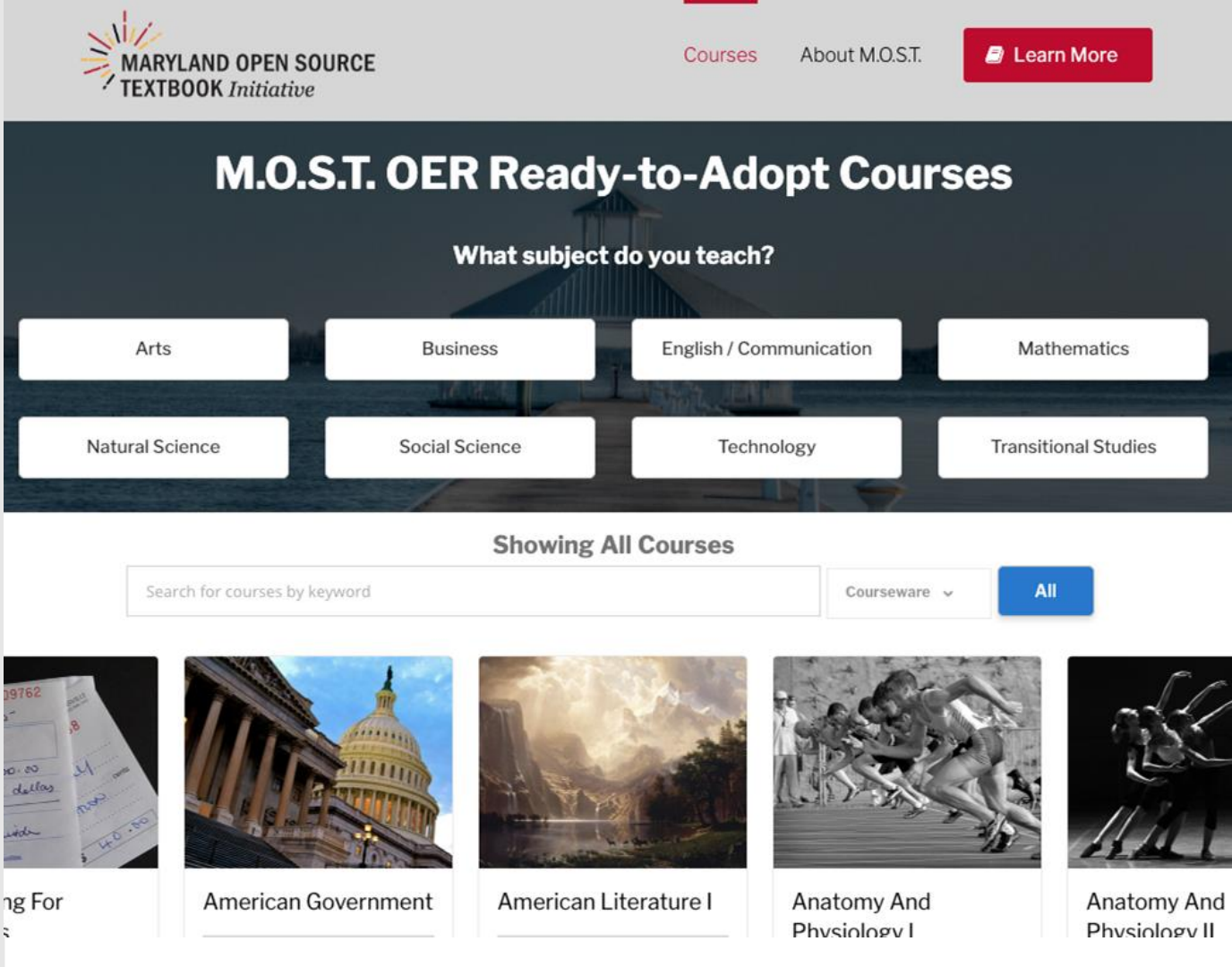
- **High quality** course materials
- **Accessibility** reviewed
- **Evidence-based learning design** and **continuous improvement**
- Simple to adopt & adapt
- Faculty & technical support
- $30 for MD students
  - $5 goes back to M.O.S.T. to support OER mini-grants and programs
- Flexible payment options
  - Direct student pay with debit/credit
  - Activation code via bookstore

Discipline	Waymaker Course Names	
Business	Introduction to Business Principles of Management Principles of Marketing Computer Applications for Managers	Accounting for Managers Business Communications Retail Management
Communication / Transitional Studies	Basic Reading & Writing Introduction to College Composition English Composition I	Writing Skills Lab College Success
Natural Science	Biology I & II (for Majors) Geology	Biology I & II (for Non-majors)
Social Science	Introduction to Psychology Lifespan Development Introduction to Sociology	Macroeconomics Microeconomics
Mathematics	Concepts in Statistics	

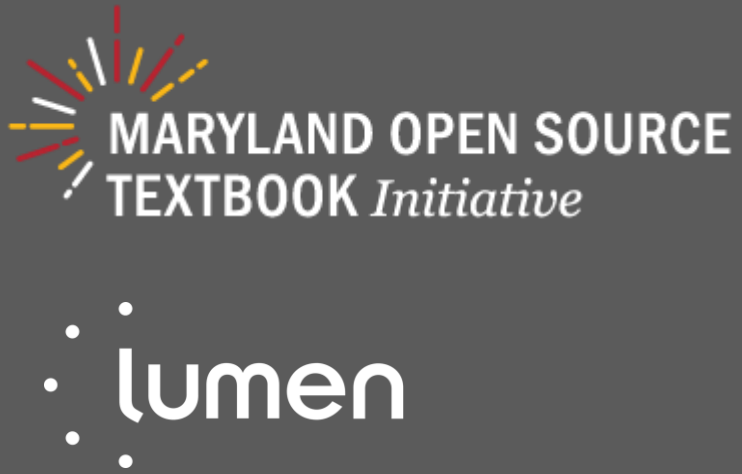
M.O.S.T.

Ready-to-Adopt Catalog

catalog.oer-maryland.org/



Thank you.



Appendix Slides

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Open educational resources (OER)
are resources that reside in the public domain or have been released under an intellectual property license that permits their
free use and repurposing by others.

5Rs:

Retain Reuse Revise Remix Redistribute

Cerritos College

Learning Impact

Waymaker courses show increased persistence and passing rates

RESEARCH: MORE STUDENTS PERSIST AND PASS WAYMAKER COURSES IN MULTIPLE SUBJECTS

THROUGHPUT

Percent of day 1 students who pass the course

METRIC	CONTROL	WAYMAKER
Drop	34%	10%
Withdraw	9%	10%
C or Better	92%	91%
Throughput	55%	73%

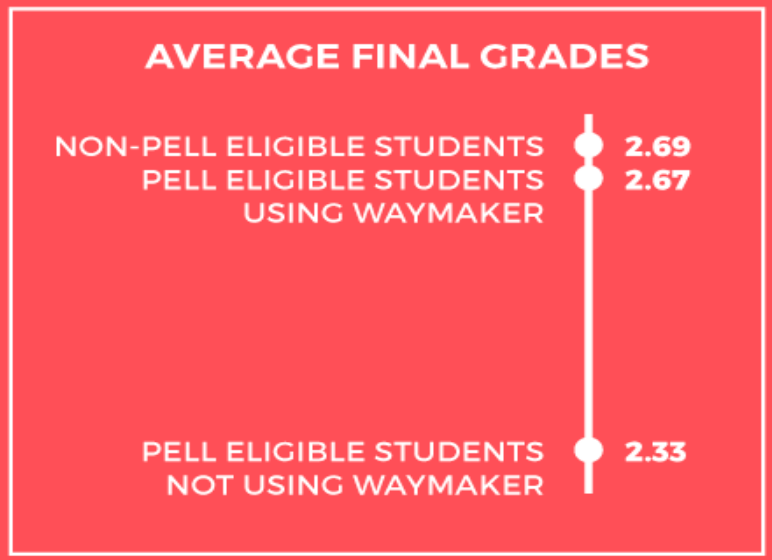
Learning Data Detail: Analysis includes 3889 students at Cerritos College during spring, summer and fall terms 2016. 1869 were in sections taught with several different Waymaker courses, and 2020 were in "control" sections of the same courses using commercial publisher or OER alternatives.

Learning Impact

Waymaker can erase performance gaps for disadvantaged learners

WAYMAKER CAN ERASE THE "PELL PENALTY"

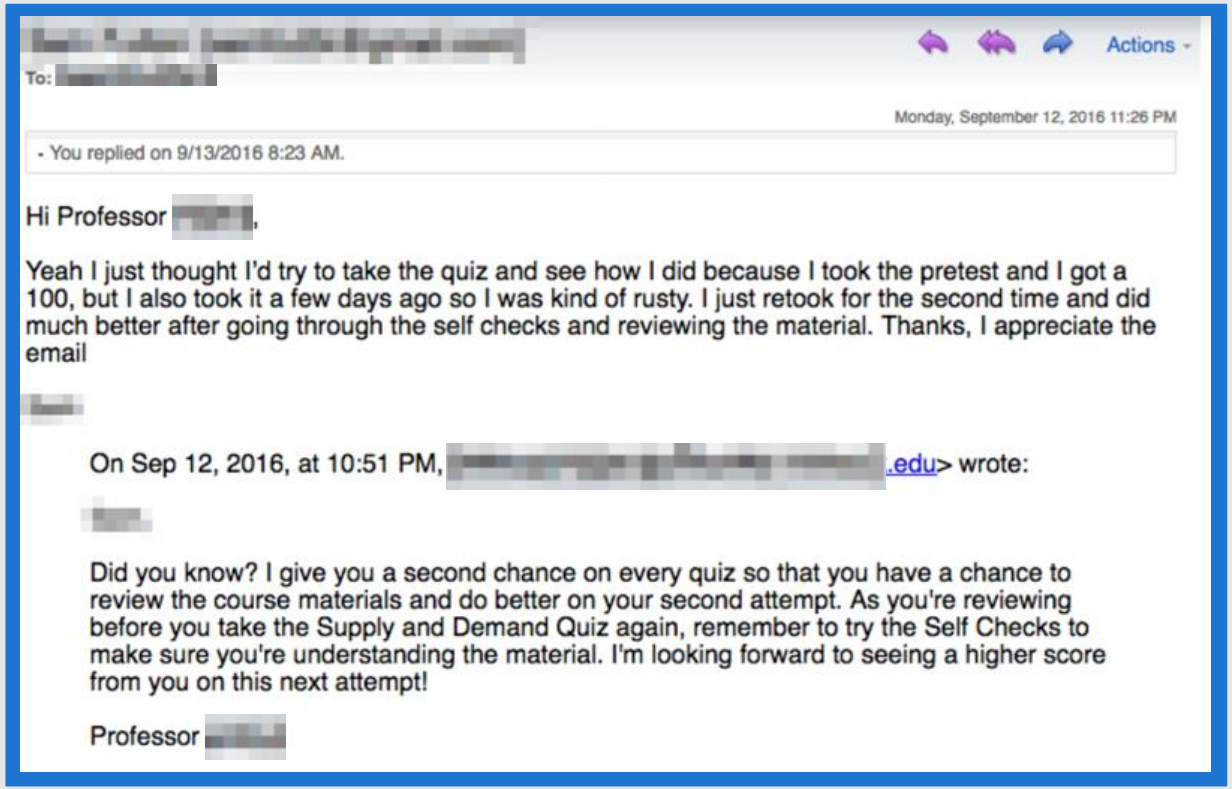
Putting Pell eligible students on equal footing with their non Pell eligible peers.



LEARNING DATA DETAIL: Study examined fall 2016 learning data for 5,622 students at 8 institutions enrolled in *Introduction to Business* courses. Analysis compared students' final grades in sections using *Waymaker Introduction to Business* vs. those using commercial publisher or OER alternatives.

Individual Impact

Waymaker's automated messages change student behaviors



[redacted]

To: [redacted]

Actions

Monday, September 12, 2016 11:26 PM

- You replied on 9/13/2016 8:23 AM.

Hi Professor [redacted],

Yeah I just thought I'd try to take the quiz and see how I did because I took the pretest and I got a 100, but I also took it a few days ago so I was kind of rusty. I just retook for the second time and did much better after going through the self checks and reviewing the material. Thanks, I appreciate the email

[redacted]

On Sep 12, 2016, at 10:51 PM, [redacted].edu> wrote:

[redacted]

Did you know? I give you a second chance on every quiz so that you have a chance to review the course materials and do better on your second attempt. As you're reviewing before you take the Supply and Demand Quiz again, remember to try the Self Checks to make sure you're understanding the material. I'm looking forward to seeing a higher score from you on this next attempt!

Professor [redacted]

Working with Lumen

Step 1: Review	Step 2: Adopt	Step 3: Analyze
Go to M.O.S.T. Course Hub Review content	Import to LMS Configure & customize	Teach Collect feedback Iterate

Leaders in learning innovation choose Waymaker.