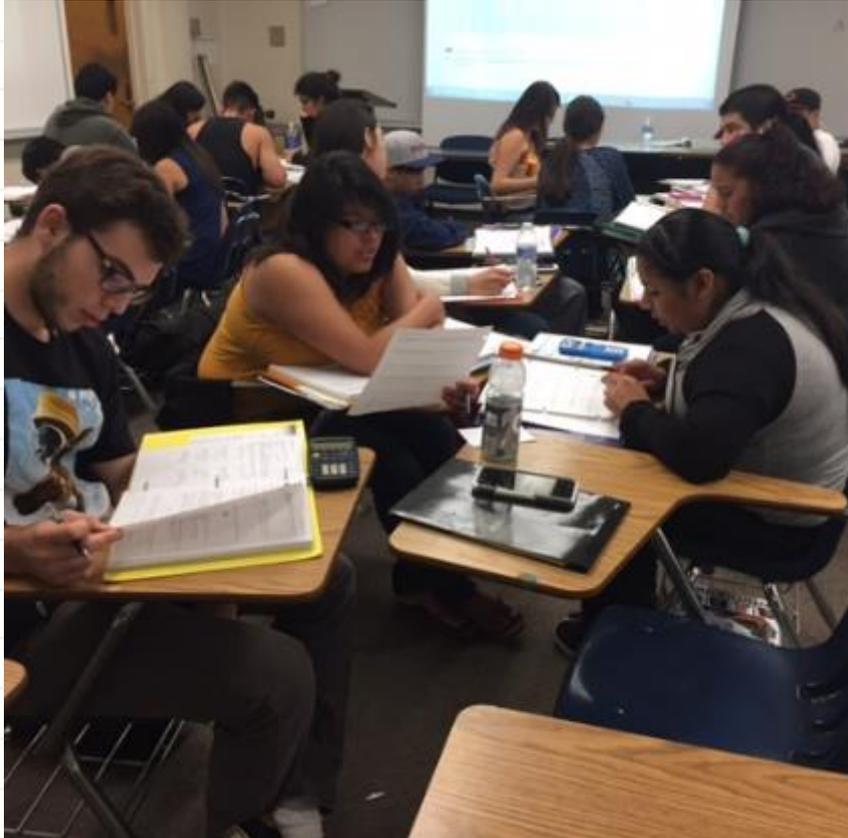




HAVE YOU CONSIDERED OER?

Lynn Marecek
AMATYC
November, 2017

Welcome!



- Please list 3 things you want to know about using OER



Topics of the Session

1

- What is OER?

2

- Benefits of OER

3

- Myths of OER

4

- Making the Decision

5

- OER at Santa Ana College



What is OER?

Open Educational Resources (OER)

- Educational materials
 - in the public domain
 - introduced with an open license
 - can legally and freely be copied, used, adapted, and re-shared
 - textbooks, syllabi, lecture notes, assignments, tests, projects, audio, video, and animation

Definition by [UNESCO](#)

Open Educational Resources (OER)

- Creators retain few, if any, ownership rights
- The premise of OER is to provide "free and unfettered access, and perpetual, irrevocable 5R permissions" that allow instructors and students to "retain, reuse, revise, remix, and redistribute" the course material.

(Dr. David Wiley, October 2016)

The 5R Permissions of OER

1 Retain

- Make and own copies

2 Reuse

- Reuse in a wide range of ways

3 Revise

- Adapt, modify and improve

4 Remix

- Combine two or more

5 Redistribute

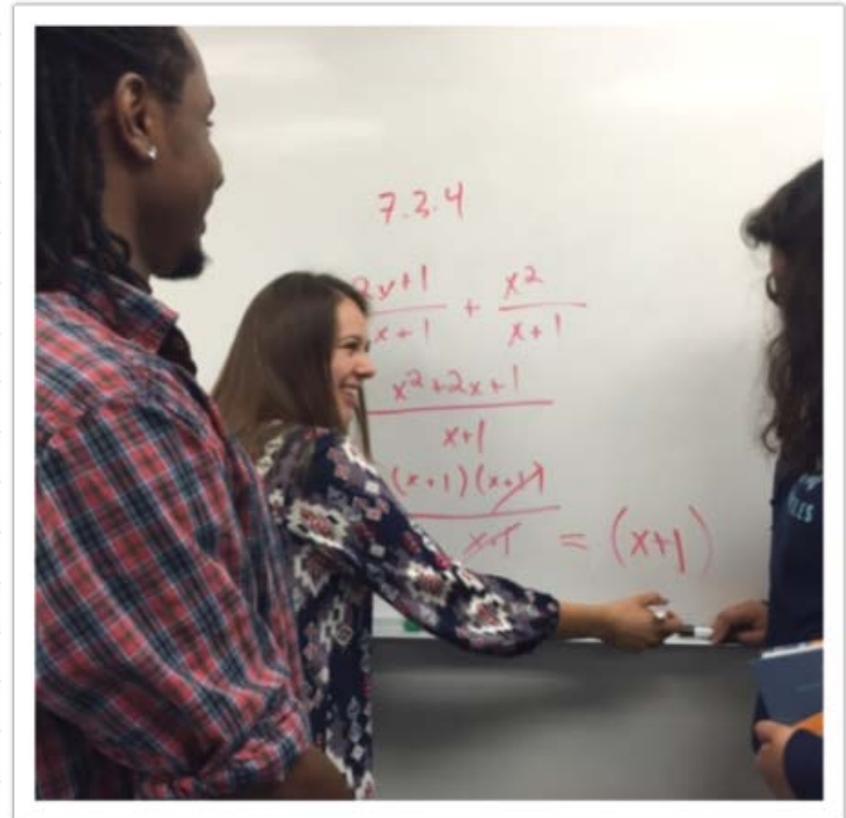
- Share with others



Benefits of OER

Benefits to Students

- No-cost or low-cost
- Student owns the book forever
- Materials are more focused and relevant
- Meets needs of all learning styles
- Available on day one



Benefits to Instructors

- All students have their books the first day
- Materials can be customized
 - Meets the needs your students
 - Course materials are more focused
- Shared content
 - many options
 - many formats

The Benefits of OER as an Author

The benefits of textbook in OER :

- Cost to students
- Ideas and materials available to more students
- Confident in the quality
 - Personal high priority
 - Review process is thorough
- Confident in the partners and resources available to students and instructors



Myths of OER

Myths of OER

- Myth #1: Open simply means free
 - Fact: Open means the permission to freely download, edit, and share materials to better serve all students
- Myth #2: All OER are digital
 - Fact: OER take many formats, including print, digital, audio, and more
- Myth #3: “You get what you pay for”
 - Fact: OER can be produced to the same quality standards as traditional textbooks

Quality of OER

- OpenStax—one of the most recognized open textbook publishers—
 - created a library of 44 peer-reviewed, professional grade open textbooks for the highest enrollment college courses.
 - books are kept up to date through a centrally-controlled errata process
 - recent study found they have reached 10% market share in their subjects.

Quality of OER

- The Open Textbook Library
 - a collection of over 400 open textbooks.
 - public reviews of the books written by faculty, which assess the text through a star rating and a ten-point rubric
- Peer-reviewed academic research studies have found
 - OER supports positive student outcomes
 - students who used OER tended to perform the same or better than their peers in terms of grades, course completion, and other measures of academic success

Myths of OER

- Myth #4: Copyright for OER is complicated
 - Fact: Open licensing makes OER easy to freely and legally use
- Myth #5: OER are not sustainable
 - Fact: Models are evolving to support the sustainability and continuous improvement of OER

Myths of OER

- Myth #6: Open textbooks lack ancillaries
 - Fact: Open textbooks often come with ancillaries, and when they do not, existing OER can provide additional support
- Myth #7: My institution is not ready for OER
 - Fact: Any institution can start with small steps toward OER that make an impact for students

Myths of OER

- SPARC (2017). OER Mythbusting. Washington, DC: SPARC.
- sparcopen.org/our-work/oer-mythbusting



Making the decision

Decision Making Process

- How does your department (or individual) choose a textbook?
- What things do you consider?

Things to Consider

- Choice is always for student success
- Effect of cost on student success
- Advantages/disadvantages of commercial vs OER supplementary resources
- Availability of supplemental instructor resources (slideshows, sample exams)
- Amount of time available to customize (Revise/Remix) the content
- Capability/understanding of curriculum development



OER at

Santa Ana College

Our Journey

- Slow Process
- One Department-Two Approaches
 - 1) As close to free as possible
 - counts toward an OER degree
 - 2) Book free but also use low cost commercial supplementary resources
 - online HW, Study Skills, instructor slideshows, sample tests

Example Courses

- Prealgebra
 - OpenStax textbook
 - XYZ Homework online homework system
 - Print text available and matches online HW
 - Video assignments are in the online HW
 - Strategies for Success study skills workbook

Example Courses

- Precalculus
 - OpenStax textbook
 - MyOpenMath online homework
 - Video assignments
 - Active learning lessons for selected sections
 - Test generator

OER Usage at Santa Ana College

Course	Title	OER Textbook	Supplements	Number of Sections	
				OER	NOT OER
N06	Basic Math	N/A	N/A	0	6
N48	Prealgebra	Pre-Algebra (OpenStax)	XYZ homework	13	3
83	Beg/Int Algebra	SAC Math 83 OER	MyOpenMath	5	27
84	Beg/Int Algebra	N/A	N/A	0	17
105	Math for Liberal Arts	N/A	N/A	0	10
140	College Algebra	College Algebra-Stitz/Zeager	MyOpenMath	8	1
150	Business Calculus	Applied Calculus Calaway,Hoffman,Lippman	Lumen OHM	3	4
160	Trigonometry	Trigonometry (CK12)	Lumen OHM	1	8
170	Pre-calculus	OpenStax	Lumen OHM	4	1
180	Calculus I	OpenStax	Lumen OHM	1	8
185	Calculus II	N/A	N/A	0	4
219	Statistics	Statistics (Open Stax)	Lumen OHM	2	20

Achieving the Dream OER Degree Initiative

- Achieving the Dream's Open Educational Resources (OER) Degree initiative
 - 38 community colleges nationwide
 - working to ensure equity for students
 - creating two degree pathways utilizing OER materials!

Achieving the Dream OER Degree Initiative- Santa Ana College

- SAC Offers Two New OER Degree Pathways
 - Business Administration, AS-T degree
 - Liberal Arts, AA degree, Emphasis: Arts, Humanities & Communication

Achieving the Dream OER Degree Initiative- Santa Ana College

- Most courses
 - offered in day, evening and online
 - searchable for OER sections offerings in WebAdvisor
- Students can complete their degrees using OER materials for their entire degree

Frequently Asked Questions

- <https://sac.edu/oer>
- Full FAQ covers the basics of OER
- Curriculum documentation and articulation questions

Santa Ana College

Open Educational Resources Summit

- Open Educational Resources Summit
 - Friday, October 7, 2016.
 - 120 participants from 15 Colleges and Universities from Southern California
 - far exceeded expectations

Attribution Builders

- Attribution Builders
 - Use of another's work requires attribution
 - help faculty to easily determine and add the appropriate Creative Commons license to Open Educational Materials.
 - The Creative Commons license defines how the material can be used, and is required for the material to be considered OER.
 - [Best Practices for Attribution.](#)

Sources

- [Cool4Ed](#)

- three State of California Higher Education Systems
- quality free and open e-Textbooks

- [OER Commons](#)

- freely accessible online library
- search and discover Open Educational Resources

- [CCCOER](#) - Community College Consortium for Open Educational Resources

- collection of community and technical colleges
- dedicated to increasing access to education and student success
- adoption and use of open education policy, practices, and resources

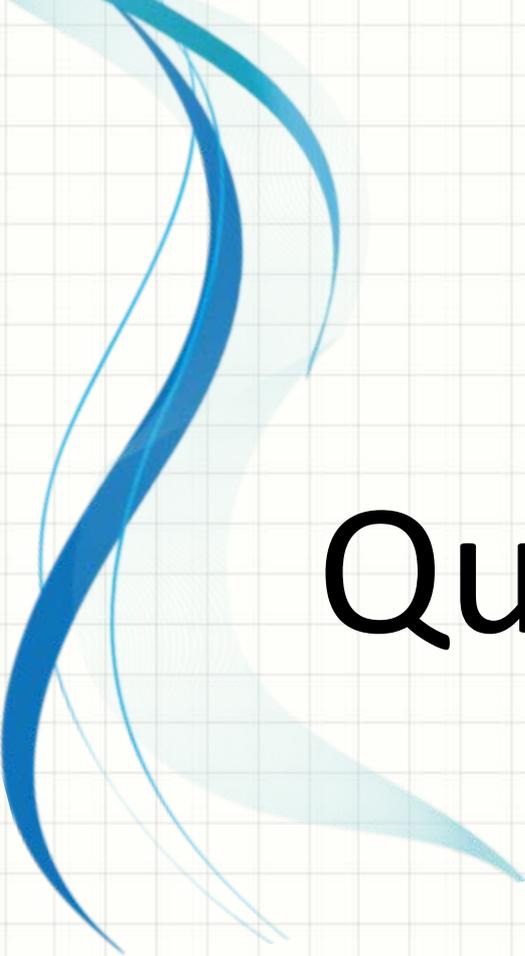
- [Lumen Learning](#) -

- Lumen Learning OER Resources
- OER Course Mapping Template for ATD grant

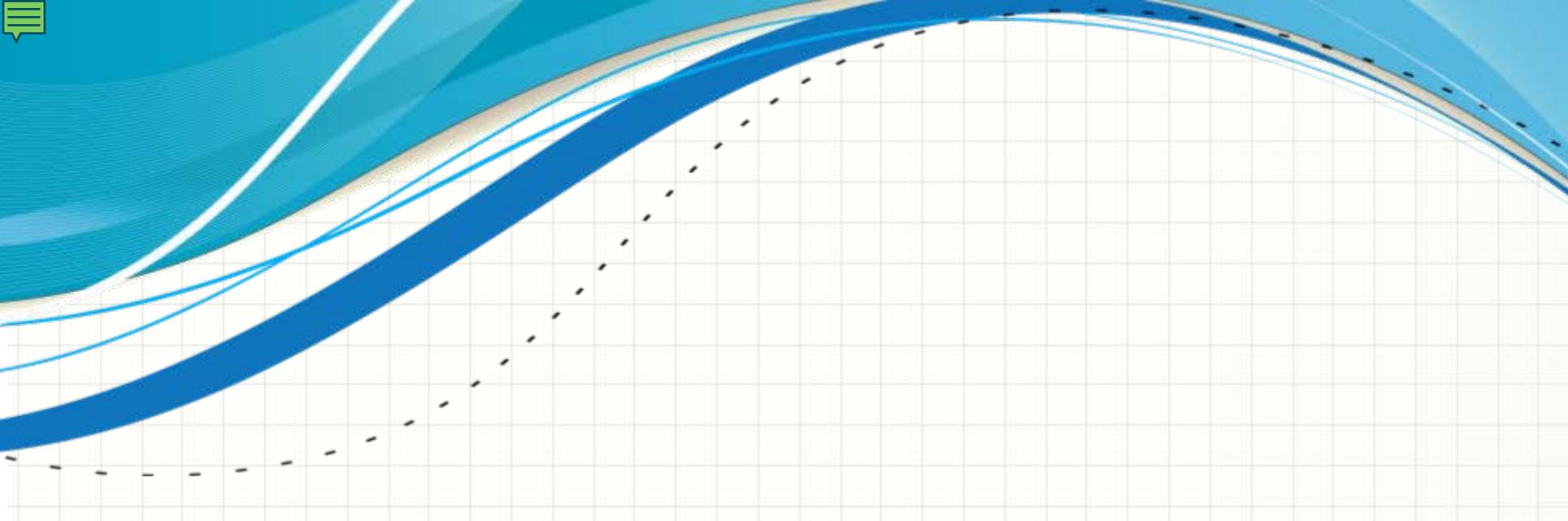
- http://libguides.sac.edu/oer/oer_resources

Sources

- OpenStax
 - nonprofit based at Rice University,
 - mission is to improve student access to education
 - breaking down the common barriers to learning
 - partnerships with philanthropic foundations and educational resource companies
 - empowering students and instructors to succeed
 - <https://openstax.org>

A decorative graphic on the left side of the slide, consisting of several overlapping, wavy blue lines that curve upwards and then downwards, resembling a stylized 'S' or a ribbon. The lines are in various shades of blue, from a deep cerulean to a lighter, almost white, translucent blue.

Questions?



THANK YOU FOR ATTENDING!

Lynn Marecek

marecek_lynn@sac.edu