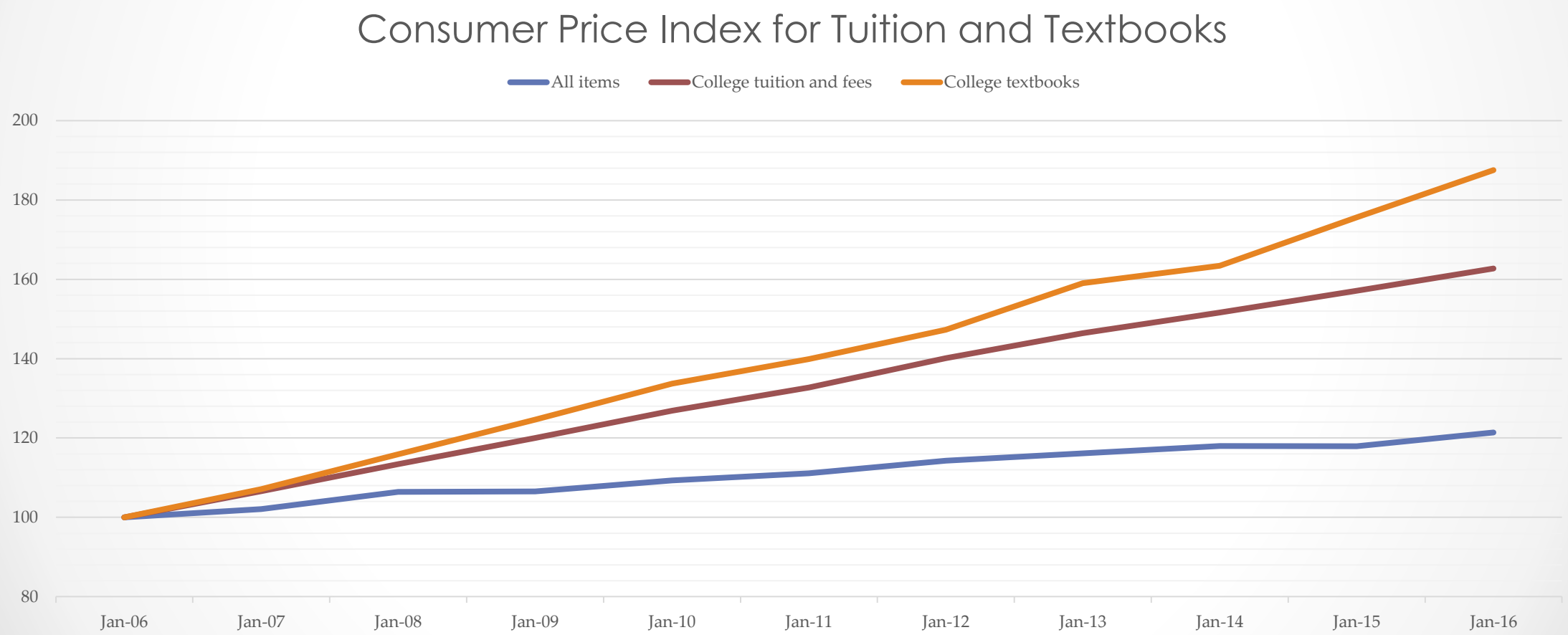
ENGAGING WITH OPEN EDUCATION RESOURCES

Jeff Newell

Deputy Director for Information Technology

Textbook Costs



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OER IS…

Open Educational Resources are teaching, learning and research materials in any medium – digital or otherwise – that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation and redistribution by others with no or limited restrictions.

CCCOER/Hewlett Foundation

https://www.cccoer.org/learn/

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OER IS…

- OER is…
  - Open = Free + Permission
- OER is not…
  - eTextbooks (from publishers or third party vendors)
  - Low-cost textbook providers
  - Open+

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AFFORDABILITY

- Affordable options include…
  - OER
  - Library resources
  - Rentals
  - Low cost options

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EQUITY

- Reduce cost barriers
- Access and affordability
- Ensuring high quality materials
- Accessibility

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STUDENT SUCCESS

International Journal of Teaching and Learning in Higher Education
http://www.isetl.org/ijtlhe/

2018, Volume 30, Number 2, 262-276
ISSN 1812-9129

The Impact of Open Educational Resources on Various Student Success Metrics

Nicholas B. Colvard
University of Georgia

C. Edward Watson
Association of American Colleges and Universities

Hyojin Park
Ewha Womans University

There are multiple indicators which suggest that completion, quality, and affordability are the three greatest challenges for higher education today in terms of students, student learning, and student success. Many colleges, universities, and state systems are seeking to adopt a portfolio of solutions that address these challenges. This article reports the results of a large-scale study (21,822 students) regarding the impact of course-level faculty adoption of Open Educational Resources (OER). Results indicate that OER adoption does much more than simply save students money and address student debt concerns. OER improve end-of-course grades and decrease DFW (D, F, and Withdrawal letter grades) rates for all students. They also improve course grades at greater rates and decrease DFW rates at greater rates for Pell recipient students, part-time students, and populations historically underserved by higher education. OER address affordability, completion, attainment gap concerns, and learning. These findings contribute to a broadening perception of the value of OERs and their relevance to the great challenges facing higher education today.

http://www.isetl.org/ijtlhe/pdf/IJTLHE3386.pdf

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PERKINS REAUTHORIZATION

- H.R.2353 – Strengthening Career and Technical Education for the 21st Century Act
- OER as an allowable activity to support the implementation of CTE programs.
- “making all forms of instructional content widely available, which may include use of open educational resources”

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Open Textbook Pilot Program

U.S. Department of Education

Search...

Student Loans | Grants | Laws

ARCHIVED INFORMATION

U.S. Department of Education Awards $4.9 Million Grant to University of California, Davis to Develop Free, Open Textbooks Program

Pilot Program to Explore Development of Public Domain Texts for Chemistry, Career-Technical Education

OCTOBER 3, 2018

Contact: Press Office, (202) 401-1576, press@ed.gov

To help stem the rising cost of college textbooks, the U.S. Department of Education today announced a $4.9 million grant to the University of California, Davis (UC Davis) to lead a pilot program to develop free, open textbooks in targeted subjects.

Under the Open Textbooks Pilot Program, funded by Congress in the FY 2018 omnibus spending bill, UC Davis will head a consortium of 12 campuses that will begin by creating open textbooks focused on high-enrollment courses like chemistry, as well as career-technical education (CTE) fields. Technical textbooks are among the more expensive books that students must purchase, as they often must be updated frequently to keep pace with changing technologies.

"The cost of college textbooks has almost doubled in the past 10 years," said U.S. Secretary of Education Betsy DeVos. "This program is an important step toward reducing barriers, expanding access and increasing choice for students who want to attend college or learn a trade. I commend Senators Durbin, King, and Smith, as well as Representatives Polis and Sinema for theircommitment to getting this pilot program passed through Congress, and I look forward to working together to make textbooks more easily accessible for students, professors and the public."

According to the program's July 30 Federal Register notice, the cost of college textbooks jumped 88 percent between 2006 and 2016. In the 2016-17 academic year, the average college student budget for books and supplies had risen to $1,263 for students at four-year institutions and $1,458 at two–year schools.

Open textbooks are defined as textbooks that reside in the public domain or have been released under a license that permits their free use, reuse, modification and sharing with others.

UC Davis plans to launch its efforts by expanding the existing LibreTexts open textbook service. LibreTexts is a multi-institution venture aimed at developing the next generation of open-access texts to improve postsecondary education at all levels of higher learning.

"Our effort will build on the best practices that we established over the past decade in the development of the LibreTexts," UC Davis said in its application. "These are the same efforts that make LibreTexts the largest, highest-ranked and most-visited open educational resource (OER). To this end, we propose to expand the LibreTexts into an expansive living library of content that can be customized to faculty needs."

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State Legislatures

- Defining OER
- Grant programs
- Task Forces
- Course marking
- Require institutions to develop OER guidelines

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State Investments

- CUNY & SUNY - New York
  - $8M invested to create 5,200 OER courses in 2017-2018
  - $8M additional invested for 2019-2020
- North Dakota
  - $107,250 invested in 2015
  - 650 OER courses developed

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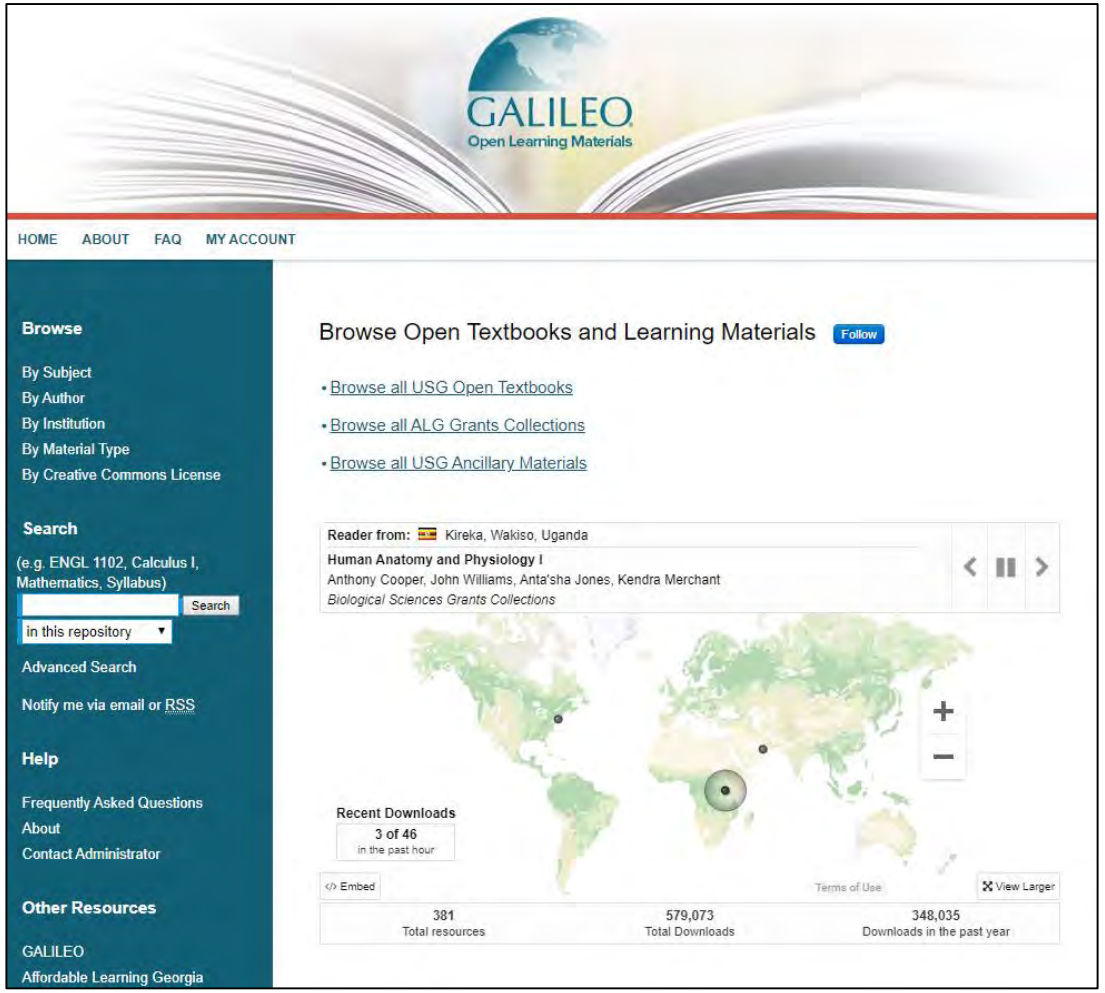
AFFORDABLE LEARNING GEORGIA



https://oer.galileo.usg.edu/

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Achieving the Dream

- OER Degree Initiative
  - Grants up to $100k or $300k with 25% match requirement
  - At least one OER degree (1 year or 2 year)
  - At least one section of course offered as OER
  - Use of Creative Commons Attribution License
- 38 colleges in 13 states participating

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What can Illinois do?

- Develop a statewide strategy with legislative & funding support
- Establish a repository strategy
- Identify OER connected to IAI courses
- Enhance CTE OER options and usage
- Develop OER-driven dual credit courses

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What can institutions do?

- Develop institutional policy
- Align policy with institutional mission & strategic plan
- Include supports for sustainability
- Engage all stakeholders

http://policy.lumenlearning.com/

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What can institutions do?

- Set institutional goals
  - High impact courses
  - Measures of success
  - Realistic timelines
  - Establish data elements
  - Develop communication strategies
  - Long-term goal(s)

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What can institutions do?

- Define emphasis areas
  - High quality materials
  - Accessible materials (disabilities & online)
  - Compliance with Creative Commons licensing & Intellectual Property laws
  - Establishing the open culture (developed content openly licensed & shared)

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Open Culture

- University of British Columbia
- Evidence of educational leadership is required for tenure/promotion in the Educational Leadership stream… It can include, but is not limited to…Contributions to the practice and theory of teaching and learning literature, including publications in peer-reviewed and professional journals, conference publications, book chapters, textbooks and open education repositories/resources.

- Kwantlen Polytechnic University
- IP Policy change includes encouragement to submit work to KPU OA repository, consider Creative Commons licensing, create & adapt OER, publish in OA outlets, and adopt open science practices.

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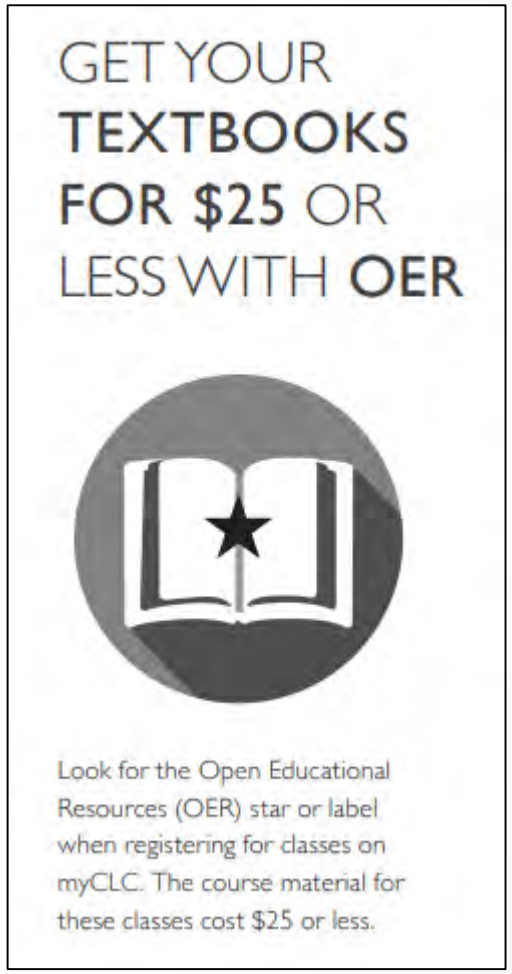
College of Lake County

- Launched 2014 college-wide initiative
- 25 active OER courses & psychology department has over 50 OER sections each semester
- Identification in course registration system of low textbook cost classes (less than $25), inclusive of OER



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Carl Sandburg College

- Open Education Resource Course Initiative (OERCI)
- Purpose: support faculty in development and create student savings through reduced textbook requirements and increased textbook-free courses
- Built a faculty community, made it fun, incentivized
- Fall 2018 they had 105 OER sections and 1,129 students in OER courses.

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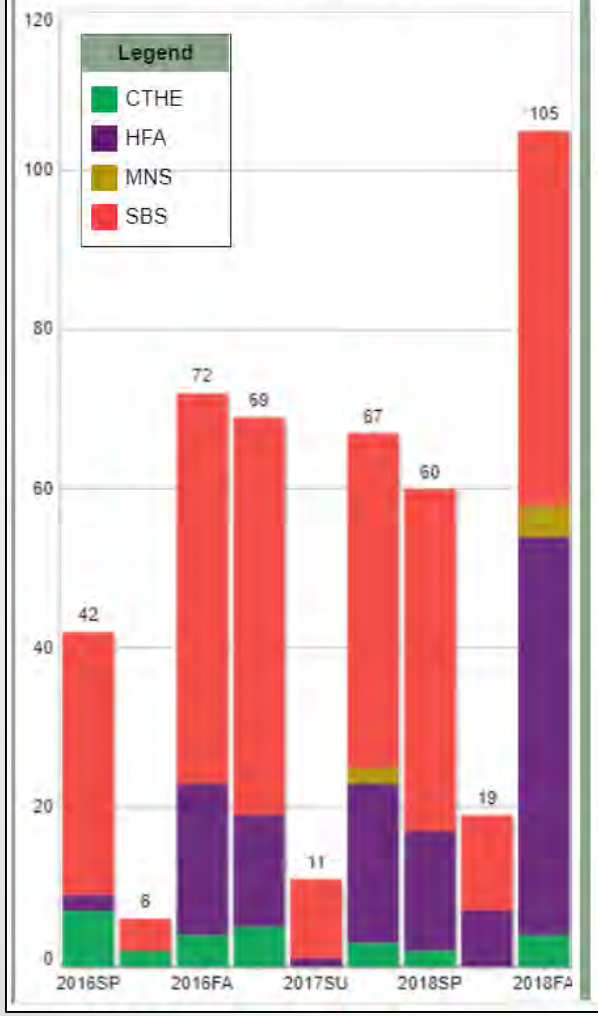
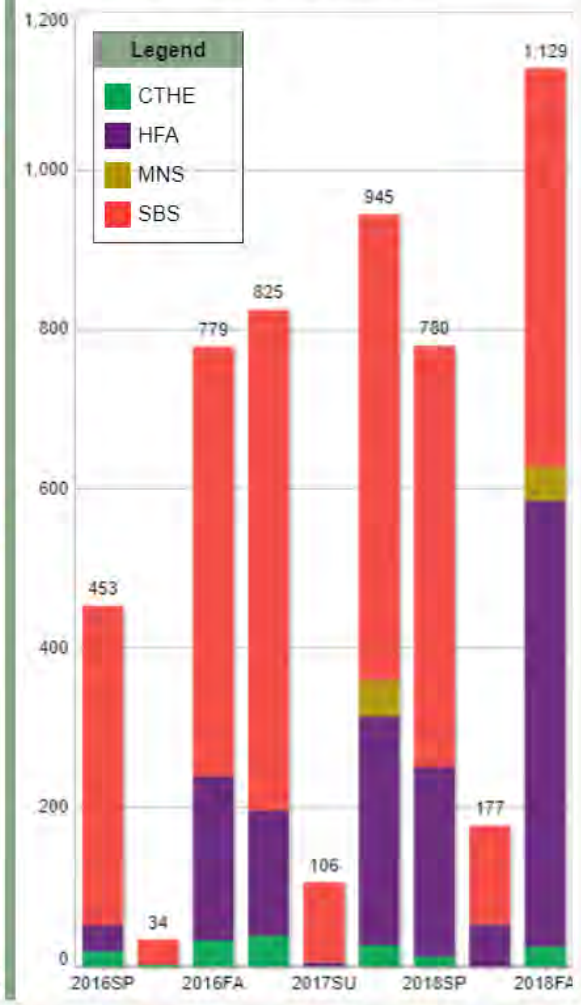
OER Offerings

Sections by Department

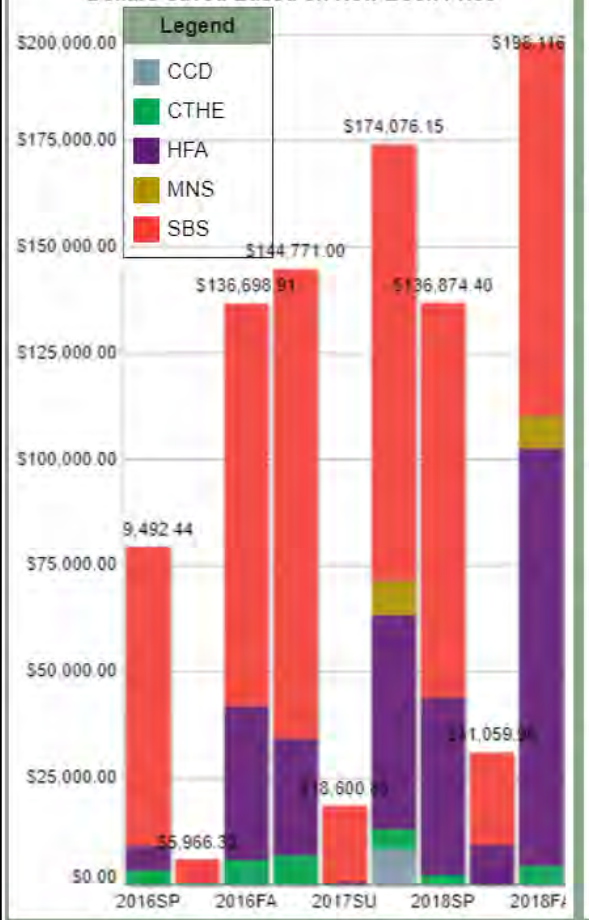


Student Count by Department



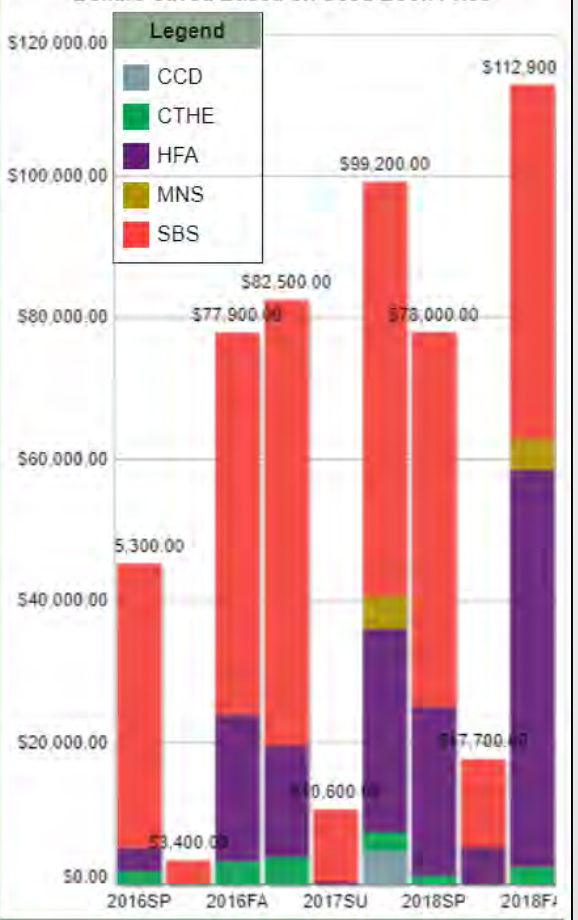
OER Savings

Dollars Saved Based on New Book Price



Each Book = $ 175.48
Total Saved = $925,657

Dollars Saved Based on Used Book Price



Each Book = $100
Total Saved = $527,500

TRITON COLLEGE

Triton celebrates $1 million in student savings through Low Cost/No Cost Textbook initiative

Photo: Triton College faculty, staff and students gathered on Feb. 13 to celebrate the milestone of saving students $1 million through the Low Cost/No Cost Textbook Alternatives initiativeSamantha Schmidt

Stephen Butera

Updated
2/21/2019 7:29 AM

River Grove, Ill. - Triton College marked a monumental milestone this semester, as its innovative Low Cost/No Cost Textbook Alternatives Program crossed the threshold of saving students $1 million on textbooks and course materials.

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WHERE TO START…

- Learn
- Find
- Evaluate
- Start small
- Create

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ION Course

https://www.uis.edu/ion/courses/

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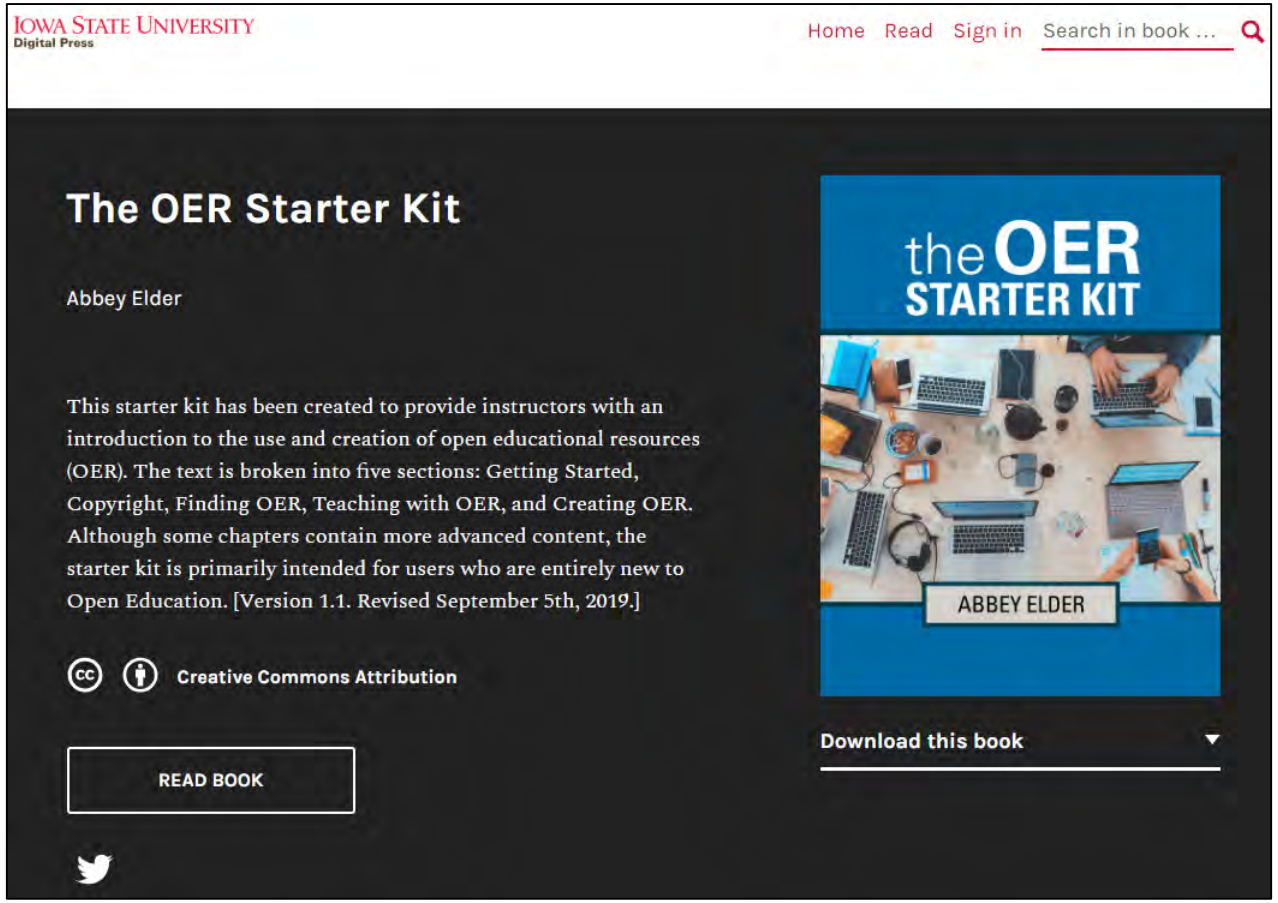
The OER Starter Kit



https://iastate.pressbooks.pub/oerstarterkit/

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The OER Starter Kit

- See Repositories & Search Tools section, p. 35
  - Best Bets
  - Federated Search Tools
  - Institutional Collections
  - Subject Specific Repositories
  - OER by Course
  - More…

https://iastate.pressbooks.pub/oerstarterkit/

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SKILLS COMMONS

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open for learning

HOME ABOUT + SHOWCASES BROWSE + CONNECT SUPPORT CONTRIBUTE CONTACT LOGIN

One-Stop-Shop for OER

Home › One-Stop-Shop for OER

Back to Finding More OERs

CC licensed (BY) Flickr photo shared by David Amsler modified by Paul Stacey

OER come in a wide variety of types. Many educators are simply looking for individual media elements to use within their courses, such as photos, graphics, videos, and audio, that are openly licensed in a way that freely permits education use. Other educators are looking for online curriculum modules to augment their courses, complete etextbooks to replace a publisher's textbook or curriculum for the complete coursework (call open courseware).

The "one-stop-shop" of OER collections is meant to provide users easy access to the wide range of OER collections. Explore and reuse the OER!

In addition to the listing below, you can explore the OER WORLD MAP to find OER collections and resources from around the world.

Need help applying the proper attribution to your material?

OPEN Attribution Builder is a free online Attribution Builder available from Washington State Board for Community and Technical Colleges (SBCTC).

http://support.skillscommons.org/home/discover-reuse/finding-more-oers/find-oer/

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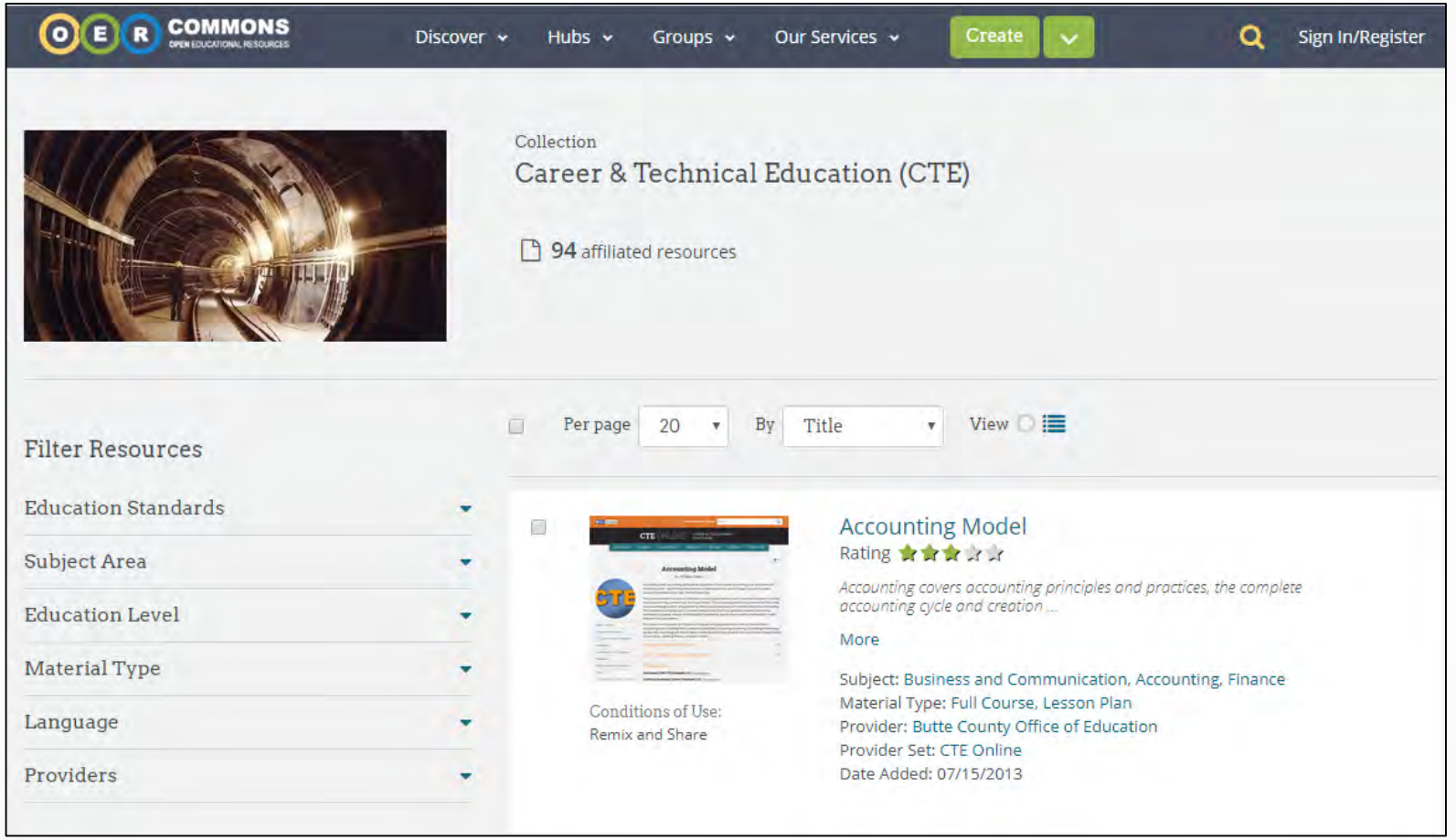
OER Commons



https://www.oercommons.org/curated-collections/383

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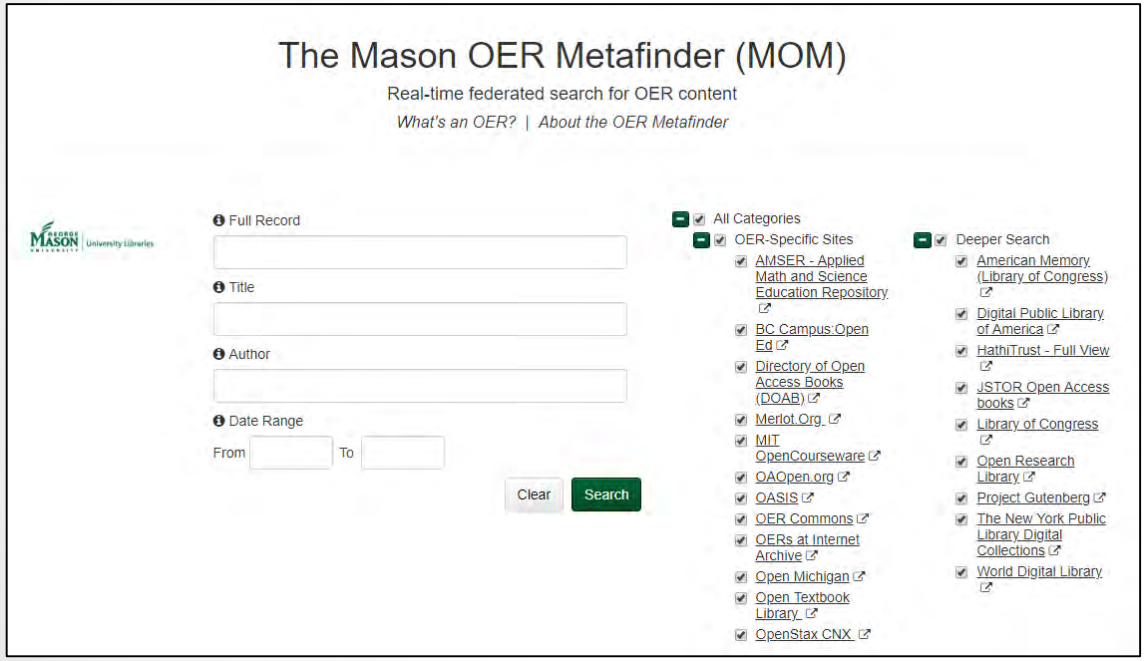
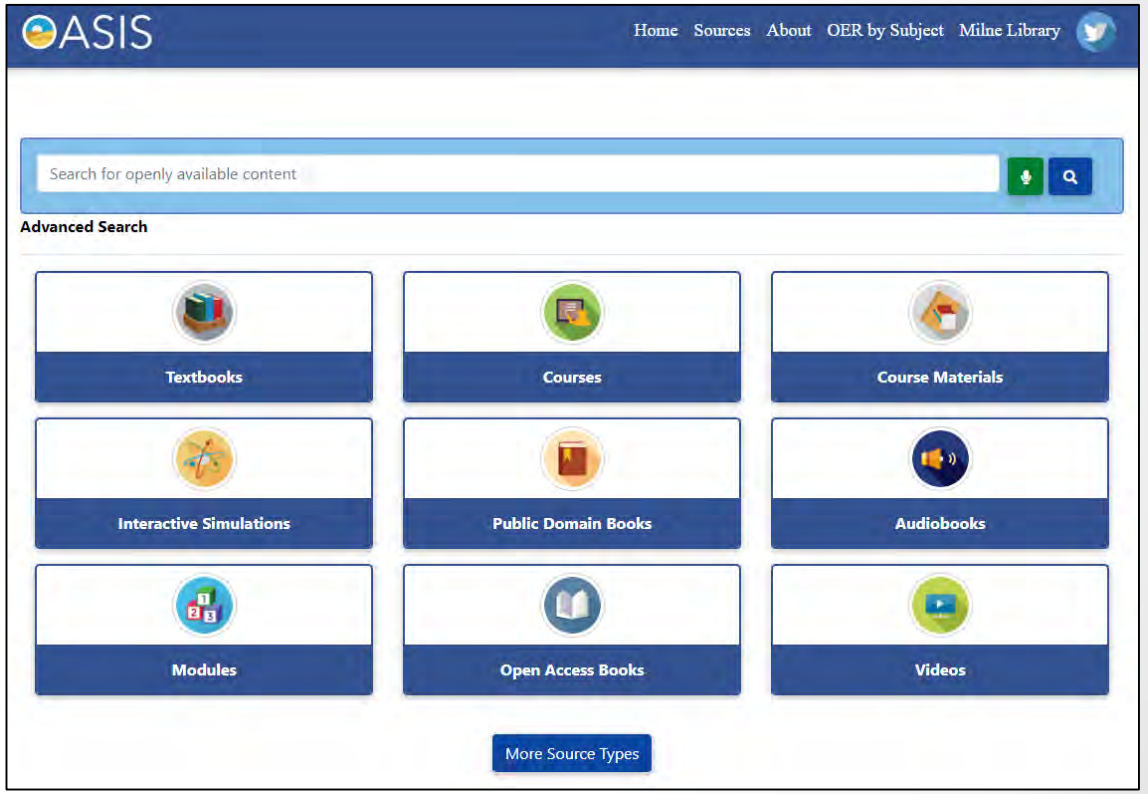
FEDERATED SEARCHES





https://oer.deepwebaccess.com/oer/desktop/en/search.html

https://oasis.geneseo.edu/

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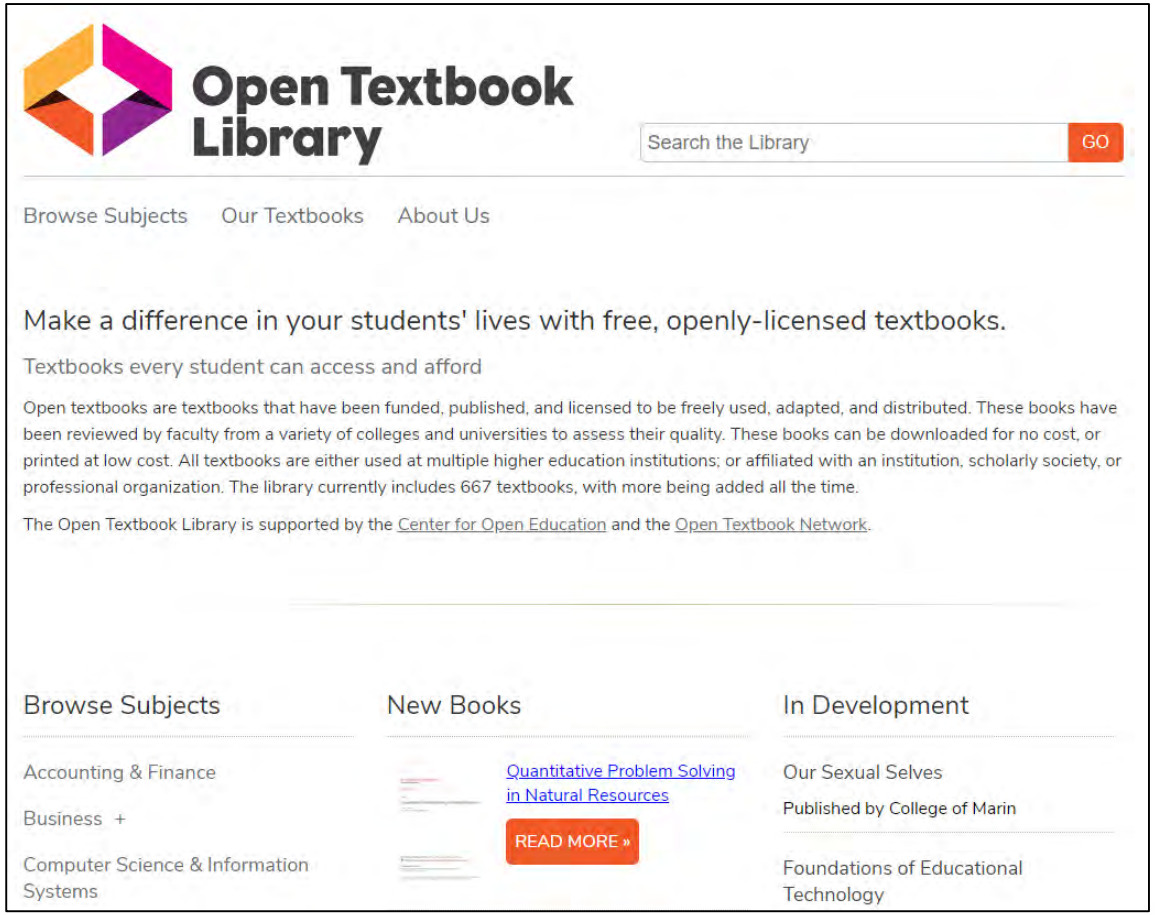
Open Textbook Library



https://open.umn.edu/opentextbooks

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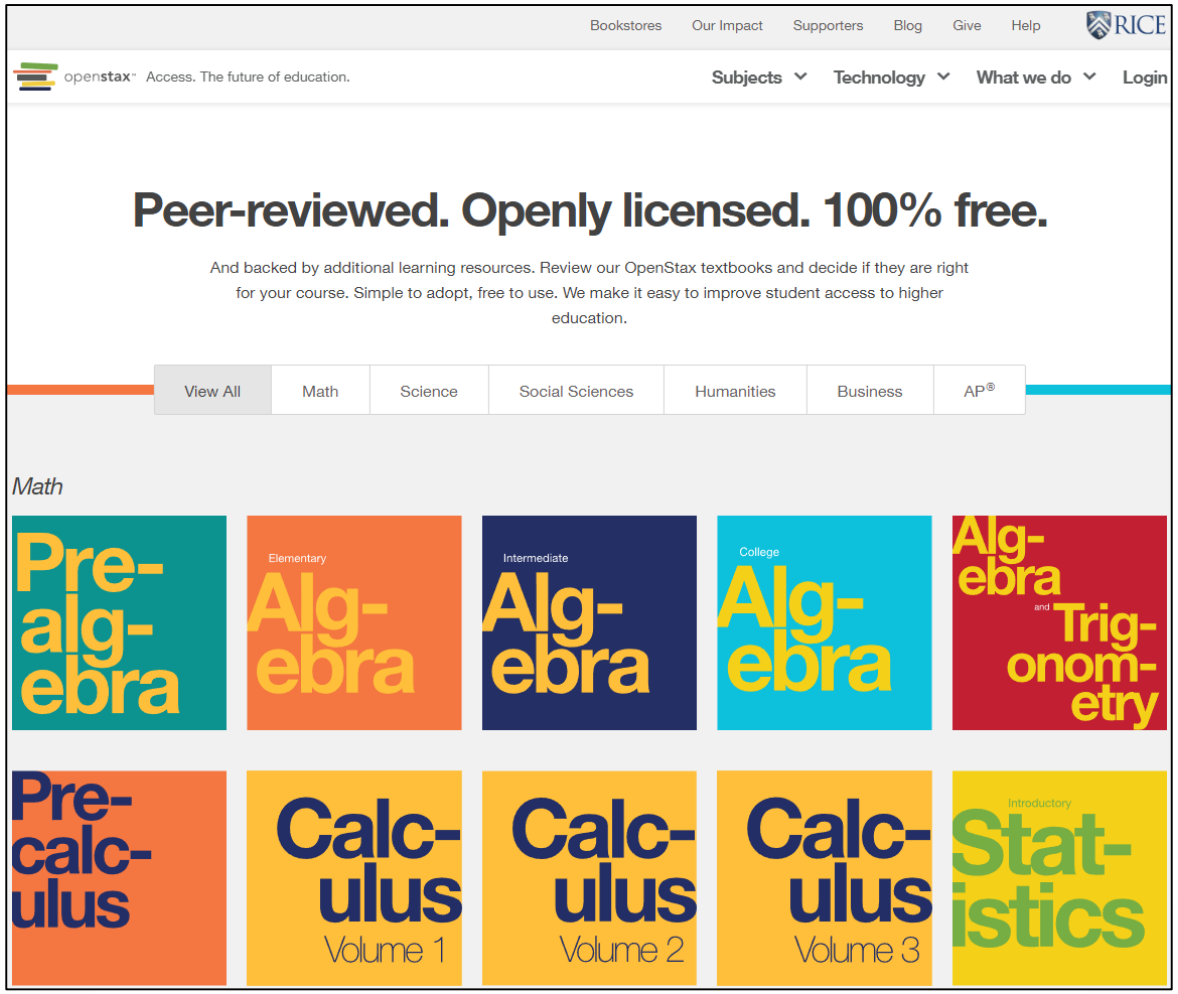
OpenStax



https://openstax.org/

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Evaluation Rubrics

- Open Textbook Library Review Criteria
  https://open.umn.edu/opentextbooks/reviews/rubric

- rCampus OER Assessment Rubric
  https://www.rcampus.com/rubricshowc.cfm?code=L9WC6X&sp=yes

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Questions?

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