

Open Educational Resources (OER) Panel Presentation

Special Libraries Association (SLA) Science-Technology Community
Webinar, March 29, 2022

[Slides](#) & [Recording](#)

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Moderator [Jocelyn Boice](#)

Agenda

- OER in US Higher Education
- Campus Initiatives
- State Initiatives
- OER & Open Education Conferences, Communities, & Conversations

Poll

Which best describes you?

- New to exploring OER
- Actively engaged with OER
- Formally responsible for supporting educators' use of OER

Defining OER

UNESCO definition:

Open Educational Resources (OER) are learning, teaching and research materials in any format and medium that reside in the public domain or are under copyright that have been released under an open license, that permit no-cost access, re-use, re-purpose, adaptation and redistribution by others.

Placing OER in the Open Movement

Open Source: computer software

Open Access: academic journals and scholarly monographs

Open Data: freely-licensed data

Open Educational Resources: teaching and course materials

What are your biggest cost challenges as a student?

Tuition	61.65%
Course materials	39.56%
Housing costs	38.10%
Food expenses	31.02%
Living expenses	30.18%
Transportation	18.49%
Technology	15.45%
Additional school supplies	7.66%
Daycare	3.04%
Other	2.16%

In your academic career, has the cost of required textbooks caused you to:

64.2%	Not purchase the required textbook
42.8%	Take fewer courses
40.5%	Not register for a specific course
35.6%	Earn a poor grade
22.9%	Drop a course
18.1%	Withdraw from a course
17.2%	Fail a course

University of Georgia Study

	Δ Grade	Δ DFW
Non-Pell eligible students	+7.4%	-2.05%
Pell eligible students	+12.3%	-4.43%
All Students	+8.6%	-2.68%

Recognizing Open Licenses



[Creative Commons License Types](#)

[Creative Commons License Chooser](#)

Finding OER

Starting points:

- [Open Textbook Library](#): reviewed textbooks
- [Libretexts](#): textbooks and other learning objects
- [BCCampus](#): textbooks collected by BCcampus initiative
- [OpenStax](#): textbook initiative from Rice University
- [Mason OER Metafinder](#): searches multiple repositories
- [OER Commons](#): textbooks, lesson plans, activities, other OER

Finding OER

Subject Specific OER

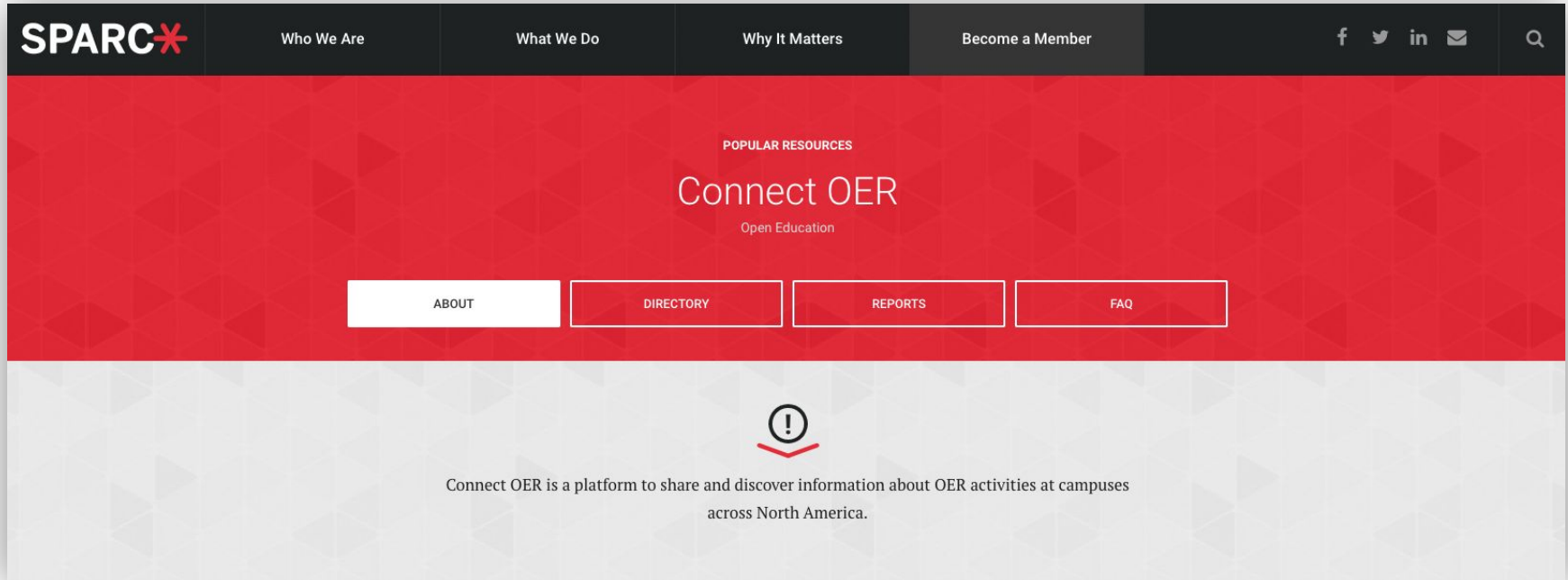
- [OER Starter Kit: Subject Specific Sources](#)
- [Searching Github by License Type](#)
- [Google's Advanced Search: license option](#)
- Libguides created by OER librarians

Campus Initiatives



Photo by [Hannah Busing](#) on [Unsplash](#)

Campus Initiatives



Campus Initiatives

- Awareness, education, advocacy (educators, students, . . .)
- Grants to support educator OER adoption, adaptation, and creation
- Course markings

Campus Initiatives: Awareness & Education

- Benefits for educators
 - Freedom in selecting course materials.
 - Customization and localization of course materials
 - Clear rights to adapt, edit, reorder, delete, or remix content.
 - Freedom to align content with course structure and topic presentation.

Campus Initiatives: Awareness & Education

- Benefits for learners
 - Reduce the average annual cost of textbooks (CU Boulder \$1,200 for FA22)
 - Reduce student loan debt (CU Boulder average upon graduation \$24,000 for FY18 graduates.)
 - Increase student success.
 - First day access to course materials.
 - More equitable education for all.

Campus Initiatives: Awareness & Education

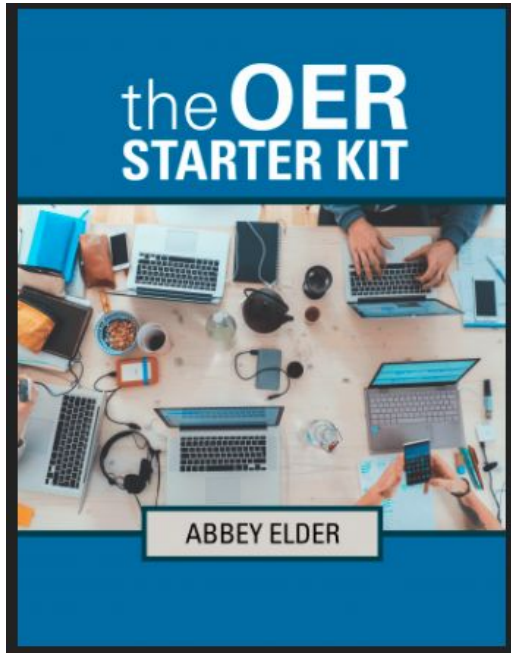


Image: [The OER Starter Kit](#) CC BY 4.0

- [OER Student Advocate Toolkit](#) (2020, California)
- [Textbook Affordability Student Toolkit](#) (2018, Open Oregon)
- [Student Government Toolkit](#) (2016, Open Textbook Alliance)
- [Fixing the Broken Textbook Market](#) (2019, U.S. PIRG)

Campus Initiatives: Adoption, Adaptation, & Creation

Apply for a grant to create or adapt Open Educational Resources

📅 June 14, 2021

The University Libraries invites University of Colorado Boulder faculty to apply to participate in the [2021–2022 Course OER Creation/Adaptation Initiative](#). The application deadline is **July 6, 2021**, and should be submitted by email to: oeleads@colorado.edu.

All faculty, including instructors and senior instructors who have paid appointments through and including the spring 2022 semester, are eligible to apply as project leads. CU Boulder GPTIs and [other faculty](#) may be project team participants.

Project teams will create an original open educational resource (OER) or adapt an existing OER, by updating or localizing it, and create plans to integrate the OER into their own or another educator's course. These OER will afford the educator, or other educators, new pedagogical possibilities and may result in costs savings for students.

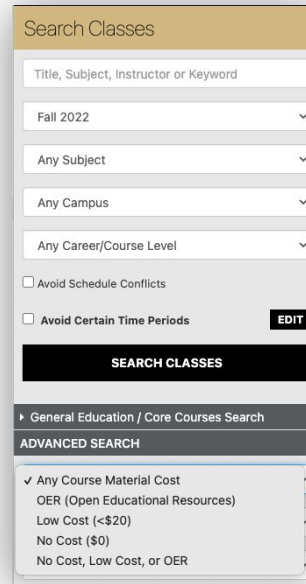
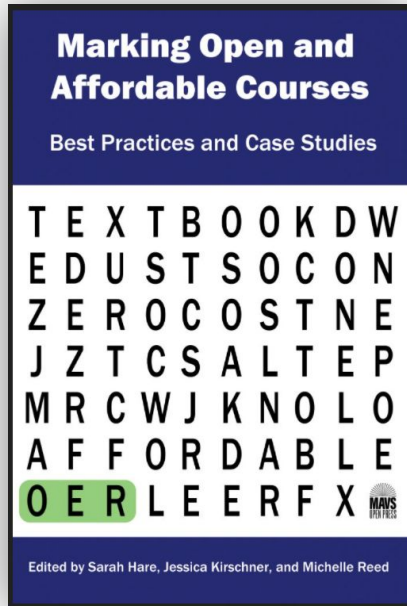
Selected project teams will be **awarded a stipend of up to \$8,000**, to be paid in spring 2022. In order to be eligible for the stipend, teams must complete the OER creation or adaptation by February 15, 2022 and submit a portfolio that documents and assesses the creation or adaptation experience by March 1, 2022.

Submit your application

✉ OERLeads@colorado.edu



Campus Initiatives: Course Markings

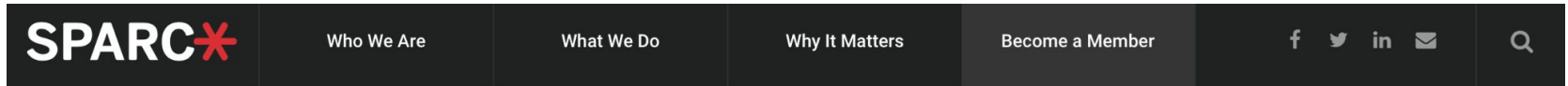


Campus Initiatives: Recognition in Promotion & Tenure & Equity

- [DOERS3 OER Contribution Matrix](#)
 - [Practitioner Perspectives: The DOERS3 Collaborative on OER in Tenure and Promotion](#)
- [DOERS3 OER Equity Blueprint](#)

State/Federal Initiatives

- SPARC State Policy Tracker



▼ ► Connecticut

- **HB 6402 (2021)**: Requires the Office of Higher Education to study issues related to higher education. Among other provisions, updates existing statute relating to the Open Educational Resources Council to change a reporting deadline.
- **HB 7424 (2019)**: Broad budget bill. Includes Sec. 174 to establish the Connecticut OER Coordinating Council under the Office of Higher Education. This council shall identify high-impact courses for which open educational resources will be developed, converted, or adopted. The council would also establish a program of competitive grants for faculty members of institutions of higher education in the state for the development, conversion, or adoption of OER for high-impact courses. The council shall also promote strategies for the production, use and access of OER, among other actions. **Fiscal note** specifies \$75,000 for grants. OER language was originally introduced as **HB 7162**.

State/Federal Initiatives

- Colorado
 - State OER Council
 - Grant Program
 - Education initiatives: Conferences, outreach, ambassadors, professional development, etc.
 - Course notation

COLORADO OER DASHBOARD



15

OER Council members representing 12 institutions and 2 state agencies steering the OER work in Colorado.

127

Open Education Ambassadors were trained in year one

Representing 26 different institutions inclusive of 2-year, 4-year, technical, public, and private as well as K-12 educators.

1,250

Registrants for the 2020 OER Virtual Summit

The online format boosted participation by educators wanting to learn more about OER during the pivot to online learning.

State/Federal Initiatives

- California
 - 2016-2019/5M-results of 37 ZTC pathways/404 courses/19 colleges saves students \$700 per year.
 - 2021/115 M investment for ZTC/OER at CC.
 - Single largest state investment in open educational resources to date.

State/Federal Initiatives

- Oregon
 - 2015-2017-first grant program/OER specialist.
 - 2017-2019-continued OER grant program to fund public postsecondary institutions to create or adapt OER course materials.
 - 2019/\$669,000- Statewide OER/State OER Librarian.

State/Federal Initiatives

- BCampus has been the leader in Canada in promoting OER– Developed 250 open textbooks (with more than 2000 adoptions) across the B.C. post-secondary education system.
- Major initiatives in other provinces such as Alberta OER

State/Federal Initiatives

- United States 2020/2021
 - 2020 Department of Education ~\$6 million to 4 projects.
 - 2021 Department of Education \$7 M to nine projects.

State/Federal Initiatives

Some U.S. federally funded projects:

- West Hills College Lemoore (CA), \$1,999,924.00 for *California Consortium for Equitable Change in Hispanic Serving Institutions Open Educational Resources* (focus on culturally relevant OER)

State/Federal Initiatives

- Louisiana Board of Regents (LA), \$1,985,881.00 for *Interactive OER for Dual Enrollment*
- The University of Texas at Arlington (TX), \$582,322.00 for *OERTransport: Enabling Transportation Planning Professional Advancement*

Examples of Funding Options

- Student Associations
- University Administrations
- State Grants
- Federal Grants
- Funding related to general programs for student success, course development, professional development, DEISJ funding, etc.
- Grants
- Summer Salary
- Course relief
- Grad student salaries

OER & Open Education Conferences

- [Cascadia Open Education Summit](#)
- [Northeast OER Summit](#)
- [Open Education Southern Symposium](#)
- [OpenEd](#)
- [OER \(ALT\)](#)
- [OE Global](#)

OER & Open Education Communities & Conversations

- [Open Education Group](#)
See also their [Review Project](#)
(aggregates empirical OER-related research)
- [@GOGN_OER](#)
(Global OER Graduate Network)
- [Creative Commons Open Education Platform](#) (global network)
- [LIBOER](#) (SPARC listserv & forum)
- [OER Digest](#) (newsletter)
- [Open Education Consortium](#) (non-profit, global, network)
- [Rebus Community & Open Education Network Office Hours](#) (live & YouTube)
- Twitter
[#OER](#)
[#OEP](#)
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Any questions?



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