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Open Pedagogy & Publishing

Student-Authored OER

Hello there!

Sheena Campbell,
Student Services Librarian

Session Goals

Explore Open Pedagogy principles & practices:

- Navigate the spectrum of open publishing
- Consider workflows for creating OER with students
- Identify student rights as authors and collaborators
- Partner with the Library to support student success

Session Agenda

- Introduction to Open Pedagogy & OER
- ‘Open’ Licensing Explained
- Best Practices for working with Students
- **AggieOpen**: Get support from the Library

Introducing OER & Open Pedagogy

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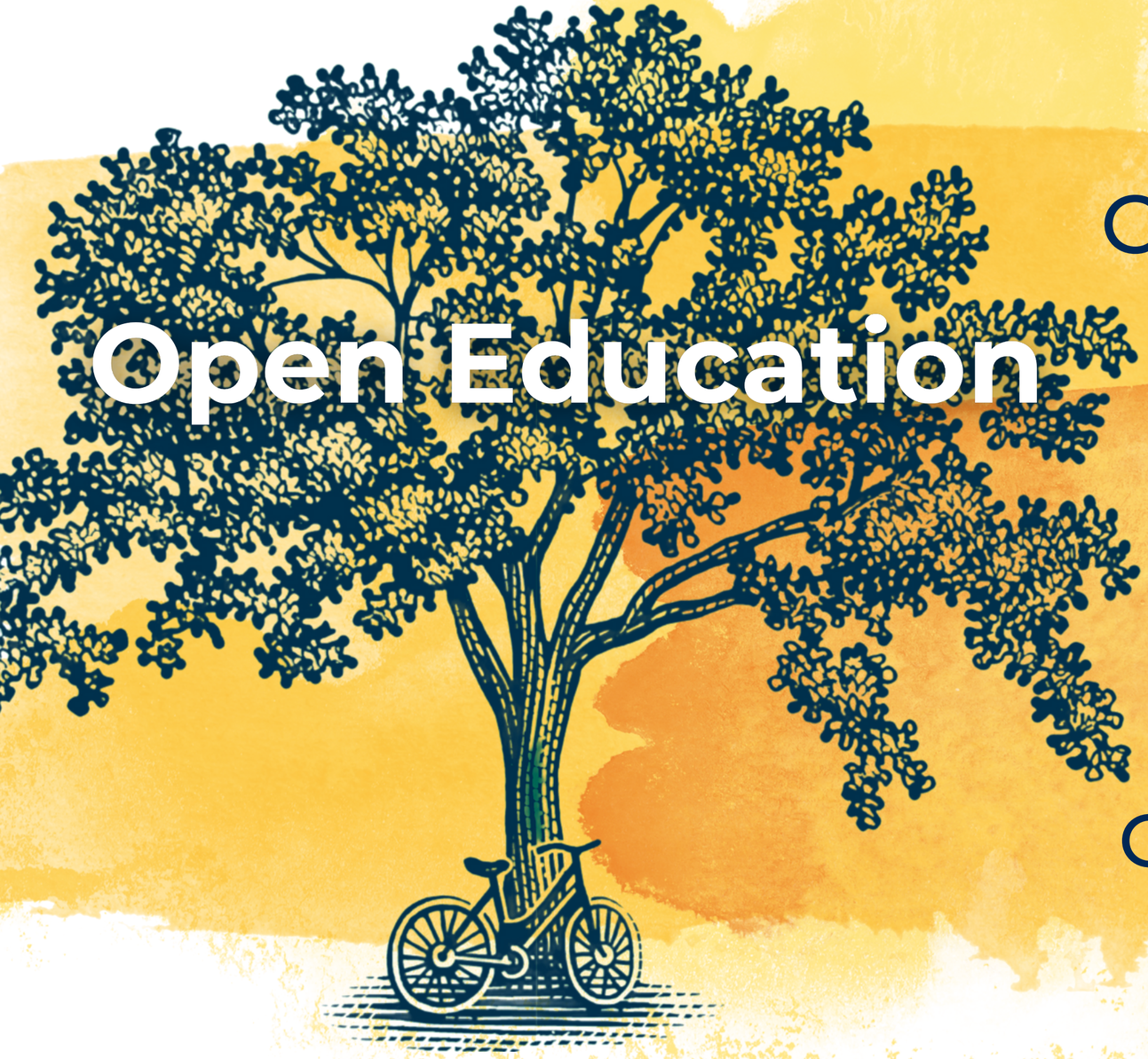

Open Education

Open Pedagogy

Open Science

Open Data

Open Access

Open Source

Open Educational Resources

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W
Open E
Res

“**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 has been released under an open license, that permit no-cost access, use, adaptation and redistribution by others with no or limited restrictions.”

—UNESCO, *Impact of Open Courseware for Higher Education in Developing Countries (2002)*

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What are Open Educational Resources?

Public Domain

Creative Commons

Free, immediate, and perpetual access to learners

What are Open Educational Resources?

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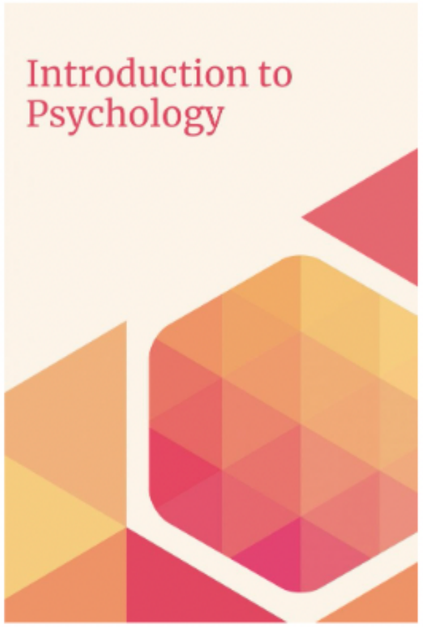

Open Textbooks

Senior Contributing Authors

Rose M. Spielman, Quinnipiac University
William J. Jenkins, Mercer University
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Contributing Authors

Mara Aruguete, Lincoln University
Laura Bryant, Eastern Gateway Community College
Barbara Chappell, Walden University
Kathryn Dumper, Bainbridge State College
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Julie Lazzara, Paradise Valley Community College
Tammy McClain, West Liberty University
Barbara B. Oswald, Miami University
Marion Perlmutter, University of Michigan
Mark D. Thomas, Albany State University

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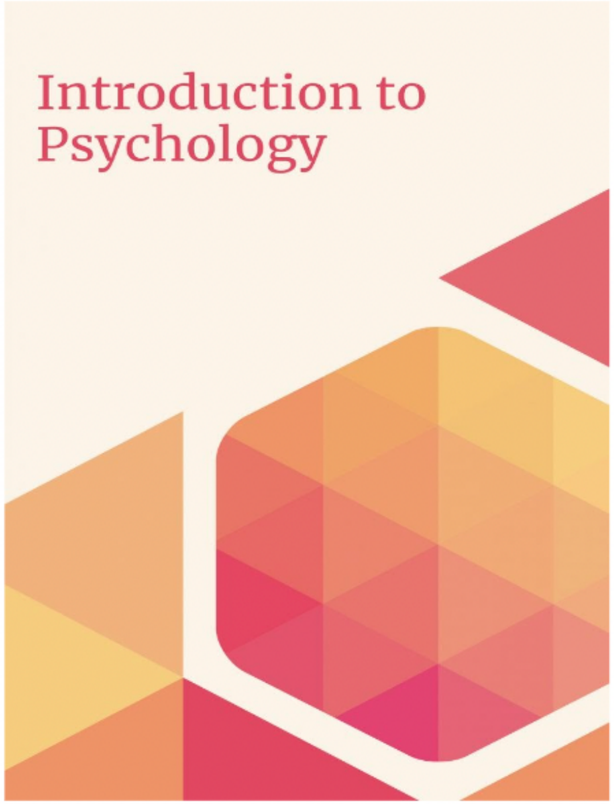
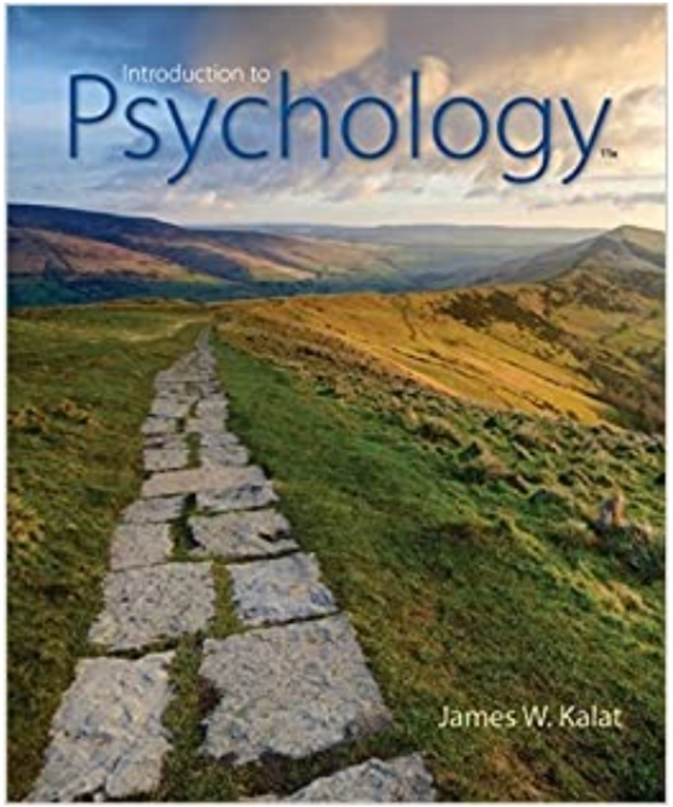


Published by OpenStax

Bound - $35 | PDF - Free



Published by Cengage

Bound - $115 | PDF - $40

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EXAMPLES OF OPEN EDUCATIONAL MATERIALS

open textbooks

streaming media

Canvas modules

lecture slides

quiz & test banks

games

models & simulations

homework platforms

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Why use Open Educational Resources?

Free & Immediate
FIRST DAY
ACCESS
to all course materials

Revise & Remix
CUSTOMIZABLE
CONTENT
for instructional needs

Create & Share
INNOVATIVE
TEACHING
through collaboration

Open Pedagogy?

Open Pedagogy is a series of practices that involve engaging students in a he development, adaptatic educational resources.

and Robison (2017)
R to Open Pedagogy:
g the Power of Open."

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“Students asked to interact with OER become part of a wider public, much like an open- . We can capitalize on this relationship betwe roader public by drawing in wider commur d expertise to help our students find relevanc ate their ideas into key contexts, and contribu od.”

and Robison (2017)
R to Open Pedagogy:
g the Power of Open."

Examples of Open Pedagogy

- **Students authoring socially constructed media** (blogs, wikis & other 'sharing' social media)
- **Students creating the curriculum** (case studies, exam questions & other learning materials)
- **Students contributing to open textbooks and OER**

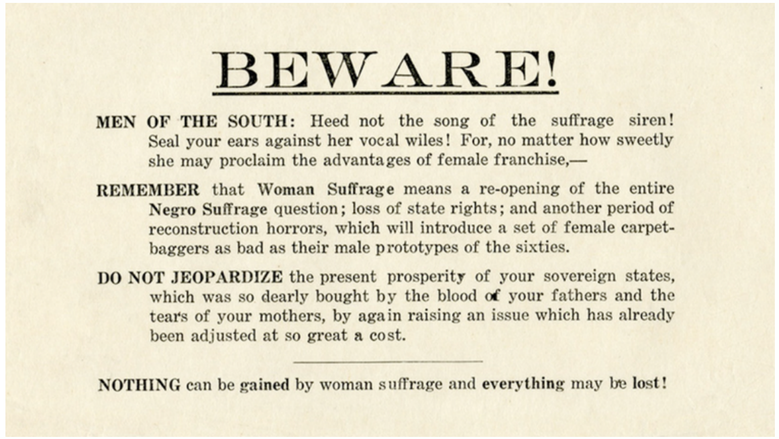
Hendericks, Christina (2017). "Open pedagogy: examples of class activities – You're the Teacher." *OpenBC*.

What is Open Pedagogy?

PD

Public Domain

VCU VIRGINIA COMMONWEALTH UNIVERSITY WE ARE UNCOMMON.



BEWARE!

MEN OF THE SOUTH: Heed not the song of the suffrage siren! Seal your ears against her vocal wiles! For, no matter how sweetly she may proclaim the advantages of female franchise,—

REMEMBER that **Woman Suffrage** means a re-opening of the entire **Negro Suffrage** question; loss of state rights; and another period of reconstruction horrors, which will introduce a set of female carpet-baggers as bad as their male prototypes of the sixties.

DO NOT JEOPARDIZE the present prosperity of your sovereign states, which was so dearly bought by the blood of your fathers and the tears of your mothers, by again raising an issue which has already been adjusted at so great a cost.

NOTHING can be **gained** by woman suffrage and **everything** may be **lost!**

"Heed not the song of the suffrage siren! Seal your ears against her vocal wiles!"

Anti-suffrage handbills outline the arguments and fears of the women and men opposed to giving women the vote. Take a close look at what people were saying in the years before 1920. "**Annotating Suffrage**" on the Social Welfare History Image Portal.

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What is Open Pedagogy?

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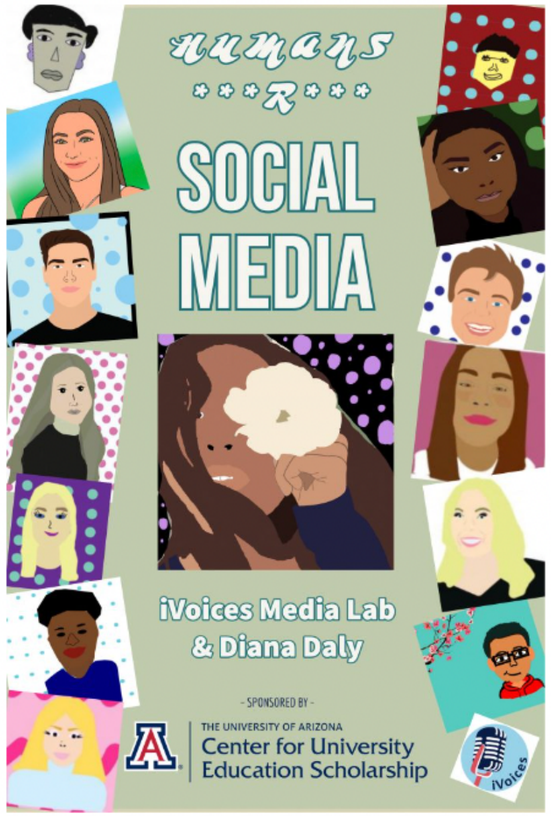

Open Textbook Library

Humans R Social Media - Open Textbook

Copyright Year: 2021

Publisher: The University of Arizona

License: CC BY

Social media and humans exist in a world of mutual influence, and humans play central roles in how this influence is mediated and transferred. Originally created by University of Arizona Information scholar Diana Daly, this Third Edition of the book Humans are Social Media uses plain language and features contributions by students to help readers understand how we as humans shape social media, and how social media shapes our world in turn.

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EXAMPLES OF OPEN EDUCATIONAL MATERIALS

open textbooks

streaming media

Canvas modules

lecture slides

quiz & test banks

games

models & simulations

homework platforms

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Attributes of Open Pedagogy

- **flexible and innovative**: finding digital technologies and new methods of teaching that encourage students to share knowledge and resources;
- **community building**: peers share willingly within a connected, trusting, and collegial community;
- **student-centered**: students take ownership over artifacts that they create and share;
- **reflective practice**: students and teachers interrogate tools and practices that mediate learning, knowledge building, and sharing;

Hegarty, Bronwyn (2015). "Attributes of open pedagogy: A model for using open educational resources." *Educational technology*.

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Open Licensing Explained

What is Open Licensing?

Public Domain

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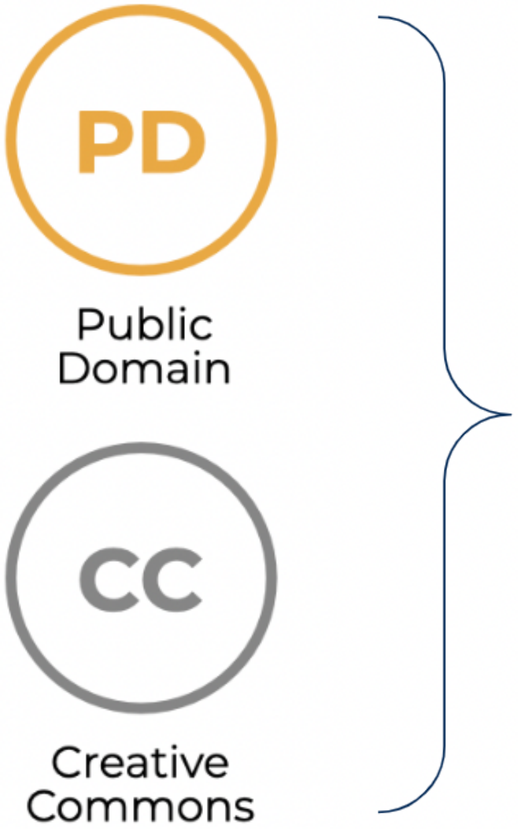
Free, immediate, and perpetual access to learners

What is Open Licensing?



Free to re-use, revise, **and/or** redistribute

What is Open Licensing?

PD

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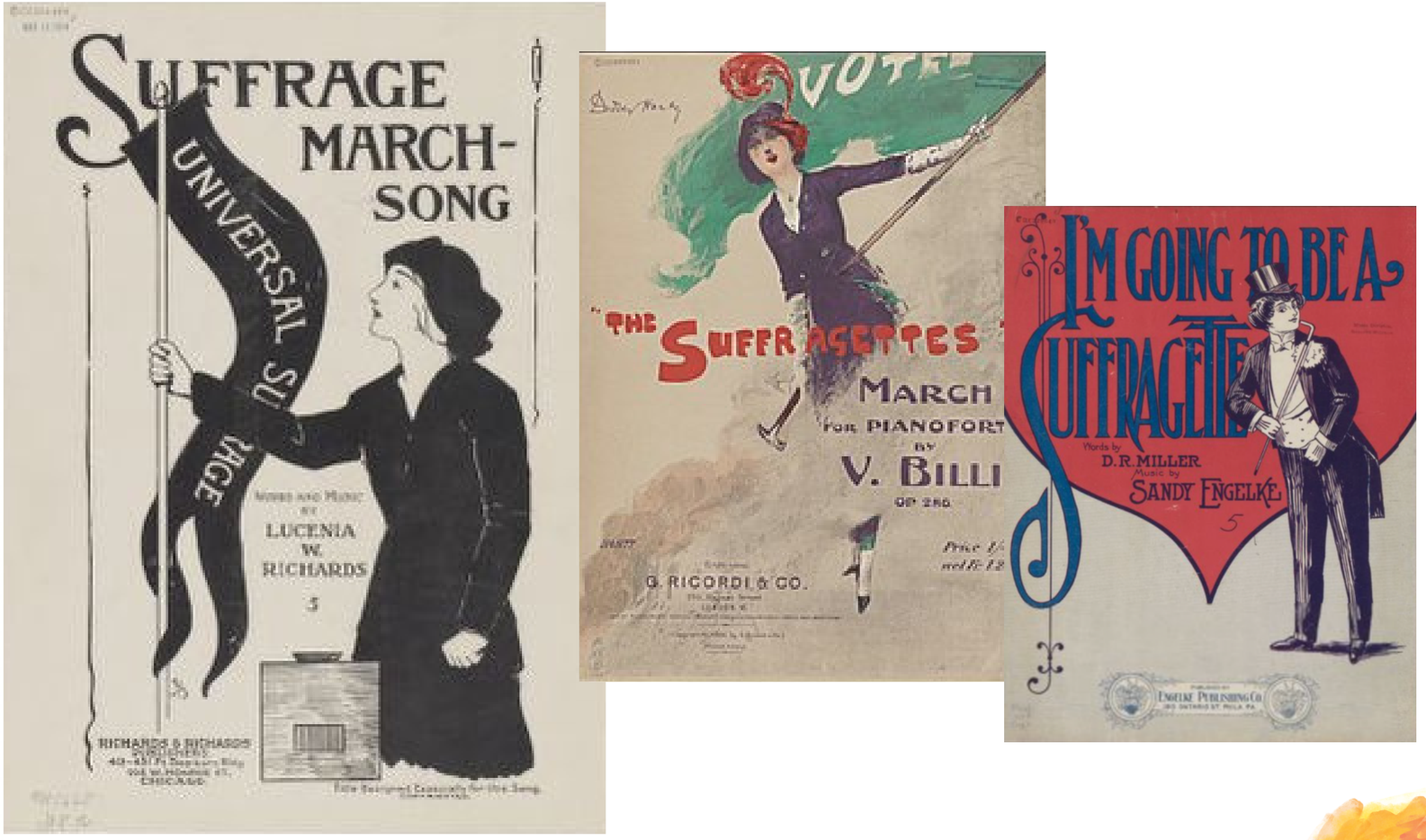

What is Open Licensing?

Public Domain

Creative materials that are not protected by intellectual property laws. Those rights may have expired, been forfeited, or expressly waived.

The public owns these works, not an individual author or artist. Anyone can use a public domain work without obtaining permission, but no one can ever own it.

Publicly available **does not mean** Public Domain!

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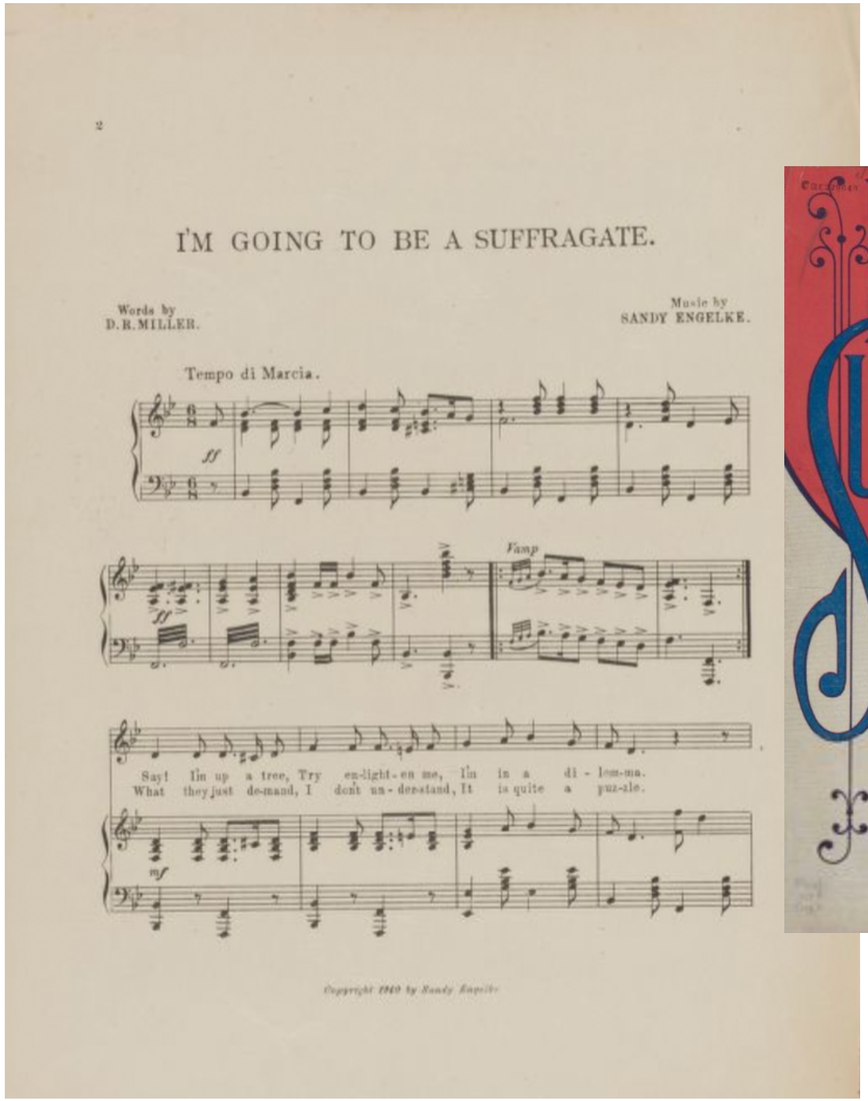

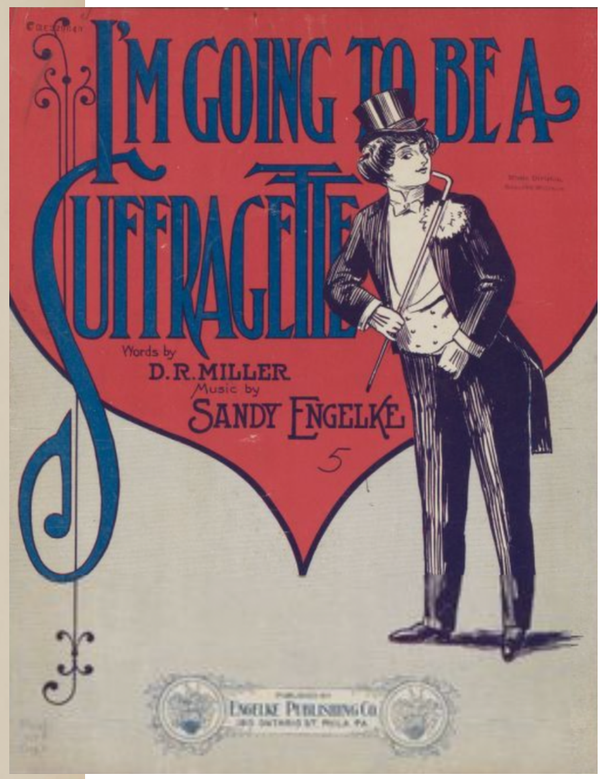

What is Open Licensing?

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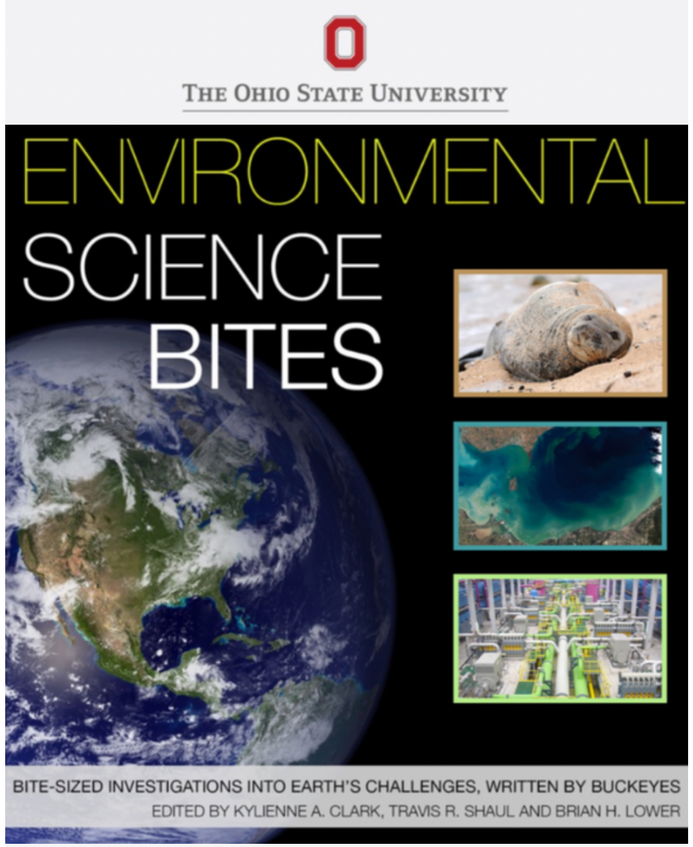

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4.3 Proper Management of Phosphorus for Future Food Security

Alyssa M. Zearley

Phosphorus is an important nutrient in fertilizers used in agricultural systems. Excess phosphorus from field runoff, storm water, and wastewater has led to harmful algal blooms in rivers, lakes, and other bodies of water. What are methods to curb phosphorus related pollution? Phosphorus is also quickly becoming a scarce resource worldwide. With an increasing global demand and reserves dwindling, will alternative sources of phosphorus be discovered?

Figure 1. Phosphate mine near Flaming Gorge National Recreation Area, Utah. Photograph by Jason Parker-Burlingham, 2008. CC BY 2.0.

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Collaborating
with
Students
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Best Practices

for empowering student authors:

- Ensure students know their rights & responsibilities
- Identify tools to create & distribute content
- Build-in scaffolding & peer-review
- Foster conversations around equity & access

Best Practices

- **Rights + Responsibilities:** students have agency over their learning experiences, choices of expression, and degrees of participation.

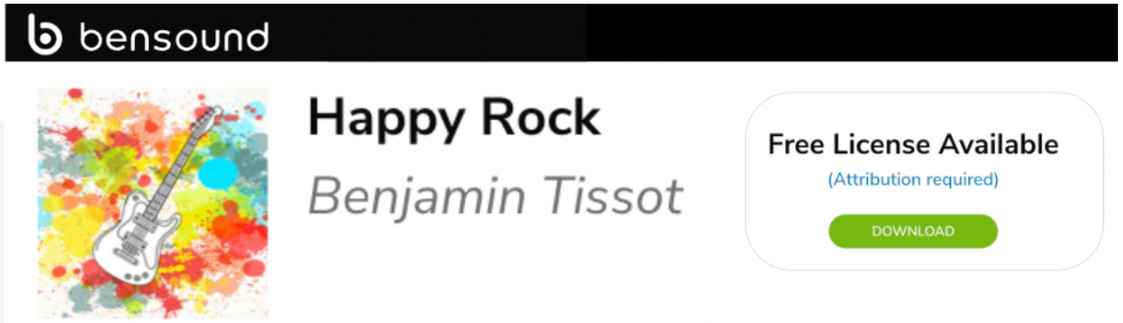
Right to privacy

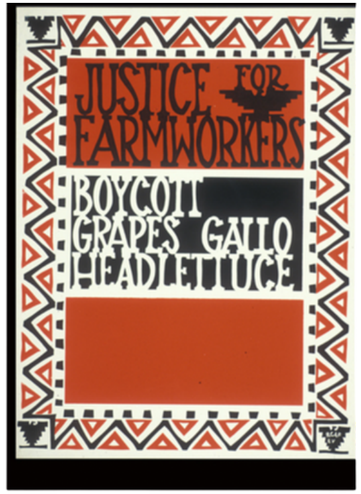
Right to set license terms

Responsibility to attribute

Best Practices

- **Rights + Responsibilities:** students take ownership in producing artifacts that they share, discuss, reconfigure, and redeploy.





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Courtesy of UC Santa Barbara, Special Research Collections

http://www.oac.cdlib.org/ark:/13030/hb6q2nb6zm/?order=1

Title: Justice for Farmworkers, Announcement Poster for

Creator/Contributor: Villa, Esteban, Artist

Date: n.d.

Contributing Institution: UC Santa Barbara, Special Research Collections

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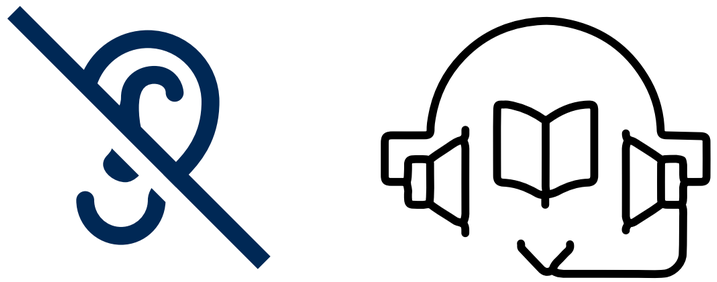
Best Practices

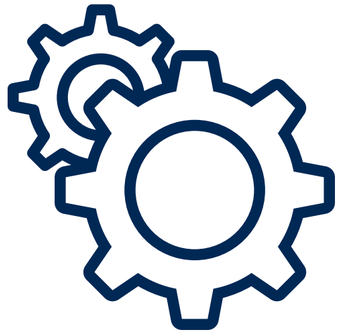
- **Participatory technology:** students develop methods to collaboratively create and revise content.

Best Practices

- **Participatory technology:** students use digital tools that encourage the sharing of knowledge and resources.



content is accessible



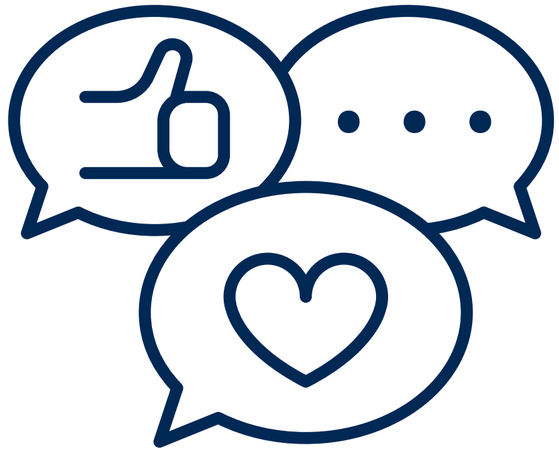
content is
dynamic + collaborative

Best Practices

- **Community + Connection:** students share their interests across the boundaries of learning experiences, classrooms, and campuses.

Best Practices

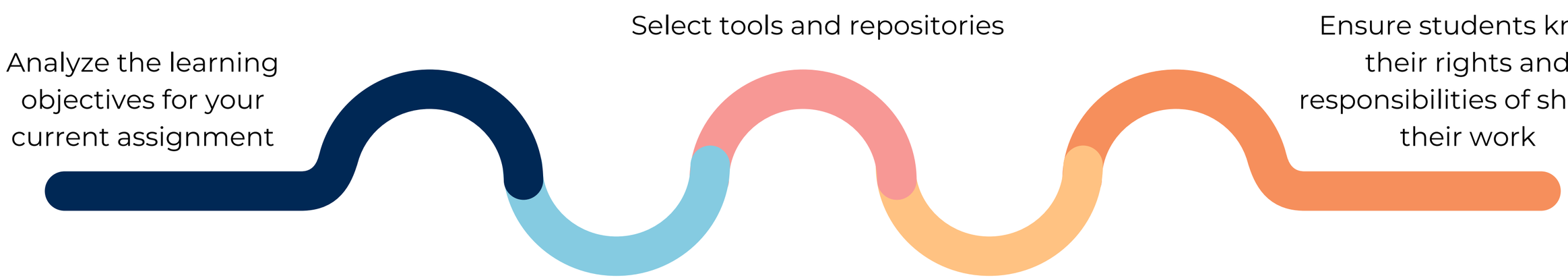
- **Community + Connection:** students use a range of open resources, with peer interactions and critique embedded in the learning experience.



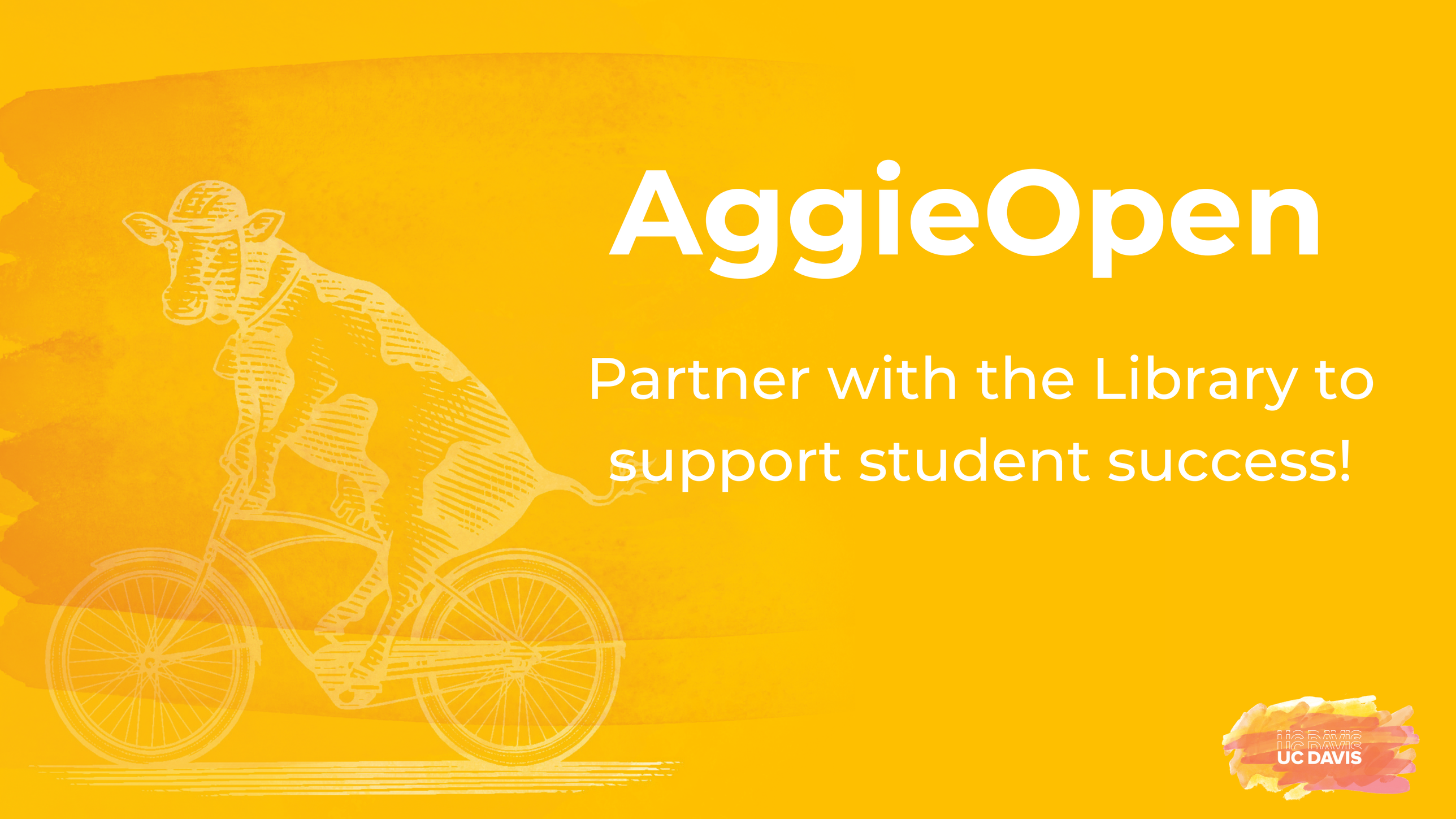
Best Practices

- **Equity + Access:** students interrogate tools and practices that mediate learning, knowledge building, and sharing.

Adopting Open Pedagogy



Wiley, David. (2013). "**What is open pedagogy? Iterating toward openness.**" *Open Content*.



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Partner with the Library to support student success!

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Partner with the Library to support student success!

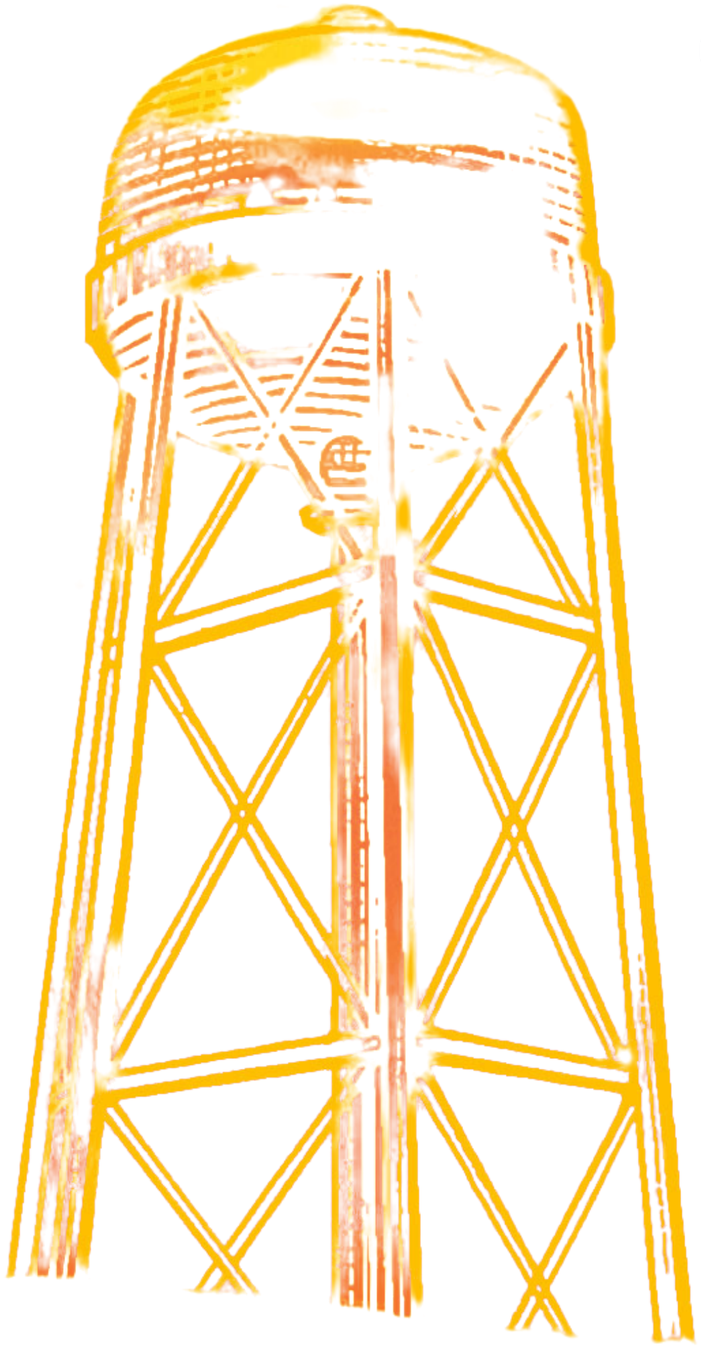
provide instuction
on open licensing & OER

draft student
licensing agreements

assist with digital
preservation of student work

AggieOpen Fellows

Awards for faculty and instructors
Open Education projects



Open Pedagogy Resources

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Open Educational Resources (OER)

UC Davis Library • Research Guides • Open Educational Resources (OER) • Getting Started

Open Educational Resources are free teaching materials that are licensed to allow for revision and reuse. This guide includes basic information about Open Educational Resources (OER), highlighting platforms, collections, and repositories that host openly licensed educational materials to help you discover OER content.

Library experts can assist instructors with finding, evaluating, and using OER. We provide consultations with instructors on developing strategies to identify learning materials that support their teaching style and course learning outcomes, as well as navigating copyright and open licensing.

We also host OER Discovery workshops where instructors can learn more about the spectrum of openly

Search this Guide

- Getting Started
- About OER +
- Adopt, Adapt & Author +
- Collections & Resources
- AggieOpen: Support For Faculty & Instructors

Request an OER consultation

Email aggieopen@ucdavis.edu to schedule a consultation

OER Guide can be found on the UC Davis Library website

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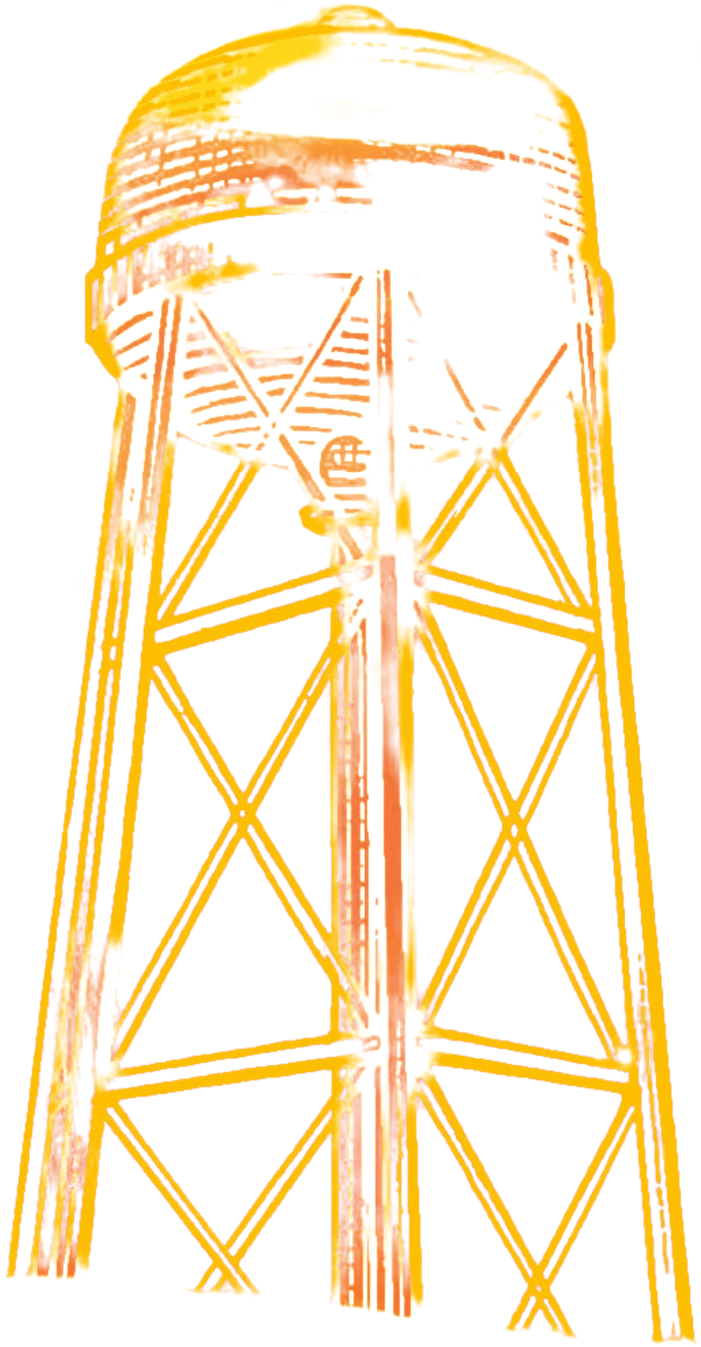
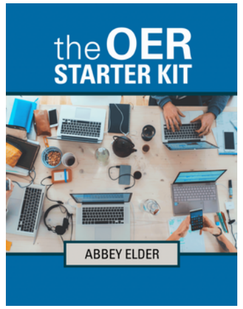
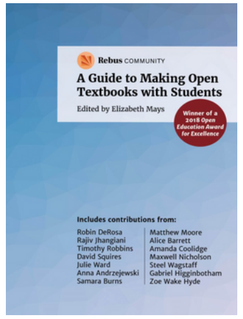


Open Pedagogy Resources

Hoffman, Kimberly Davies, and Alexis Clifton (eds.).
Open Pedagogy Approaches: Faculty, Library, and Student Collaborations.
Milne Library Publishing, 2020



Elder, Abbey.
The OER starter kit.
Iowa State University Digital Press, 2019.



Mays, Elizabeth (ed.)
A guide to making open textbooks with students.
Rebus Community, 2017

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Request an OER consultation

Schedule a consultation related to using or creating openly licensed course materials.

aggieopen@ucdavis.edu