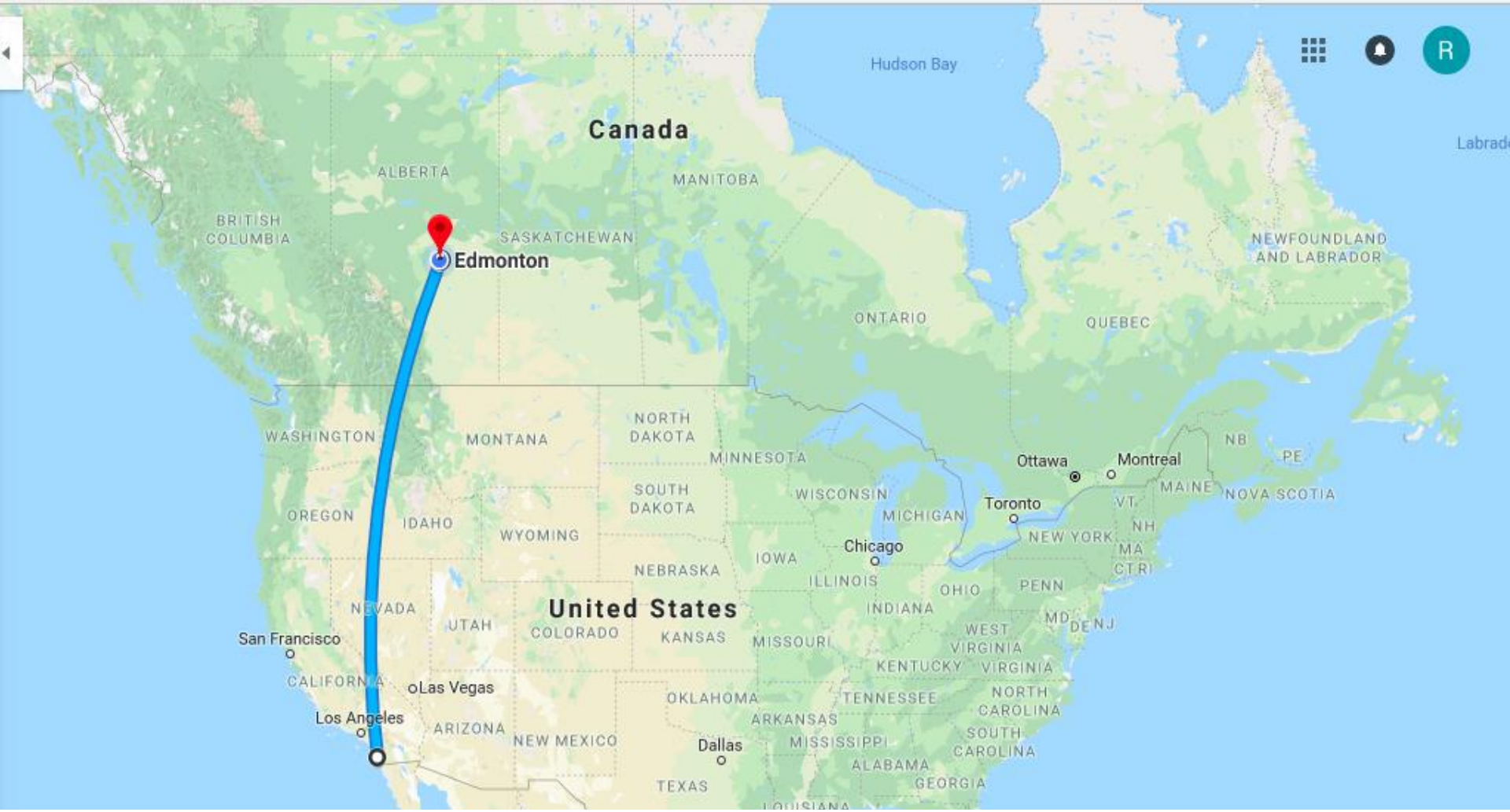
Mentoring the Next Generation of OPEN SCHOLARS

Approaches, Tools & Tactics

CC BY

Robyn Hall @bibliorobyn | MacEwan University

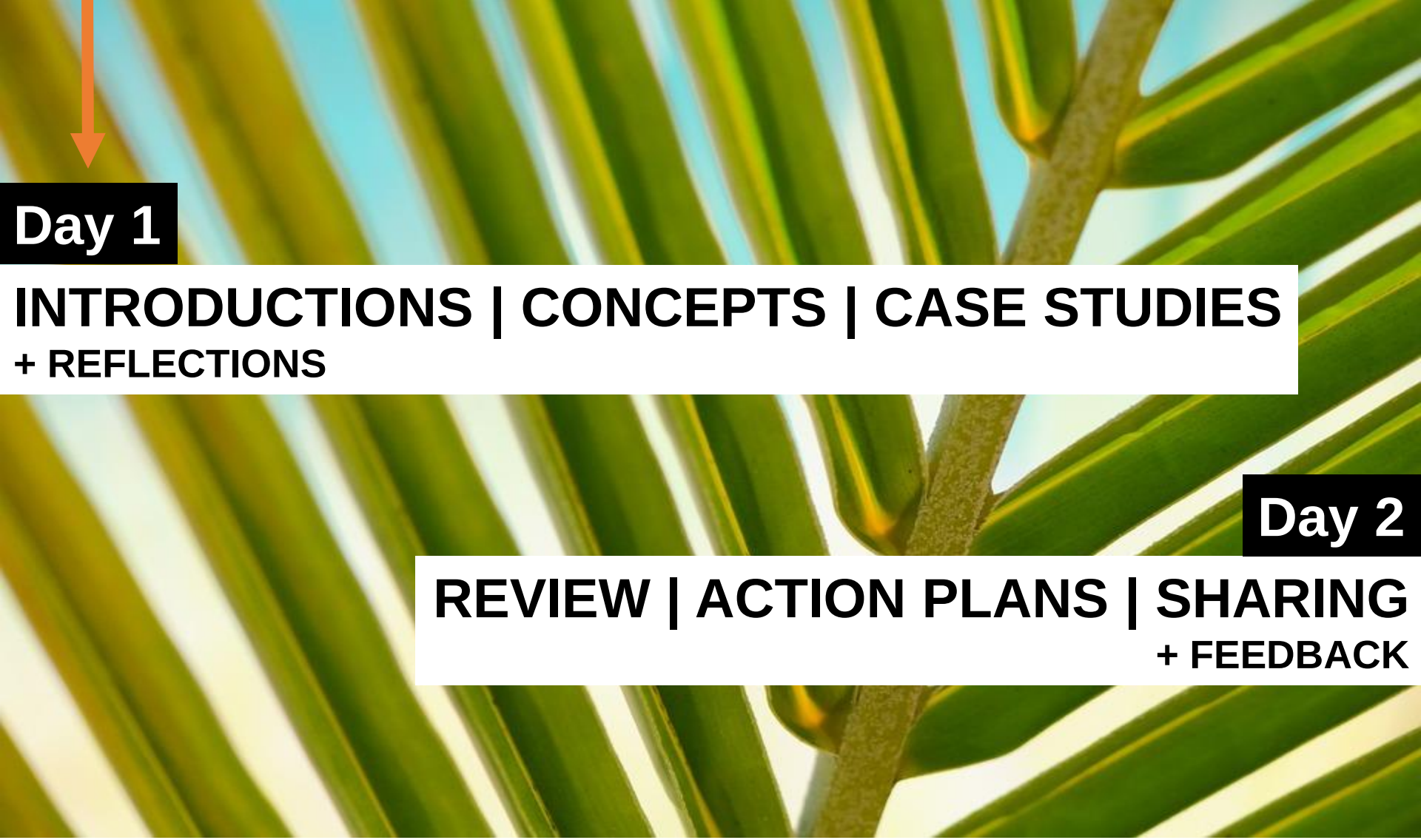
FSCI



WELCOME!

https://maps.google.ca

DISCLAIMERS



Day 1

INTRODUCTIONS | CONCEPTS | CASE STUDIES
+ REFLECTIONS

Day 2

REVIEW | ACTION PLANS | SHARING
+ FEEDBACK

OVERVIEW

INTRODUCTIONS

NAME + LOCATION + JOB TITLE

DISCUSS

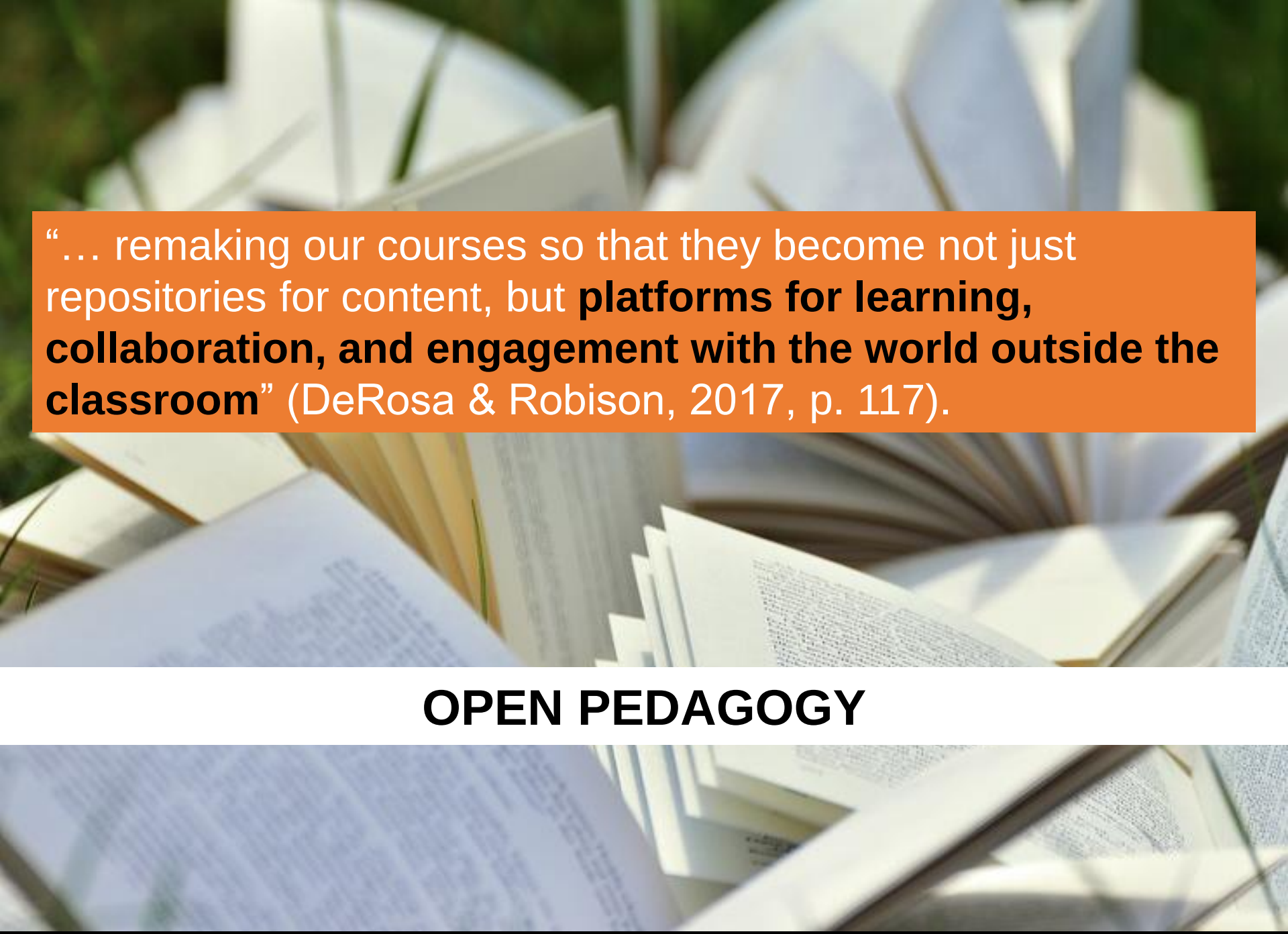
HOW DID YOU FIRST LEARN ABOUT SCHOLARLY COMMUNICATIONS / ACADEMIC PUBLISHING?

SHARE

NAME + LOCATION + JOB TITLE
+ one highlight from your chat

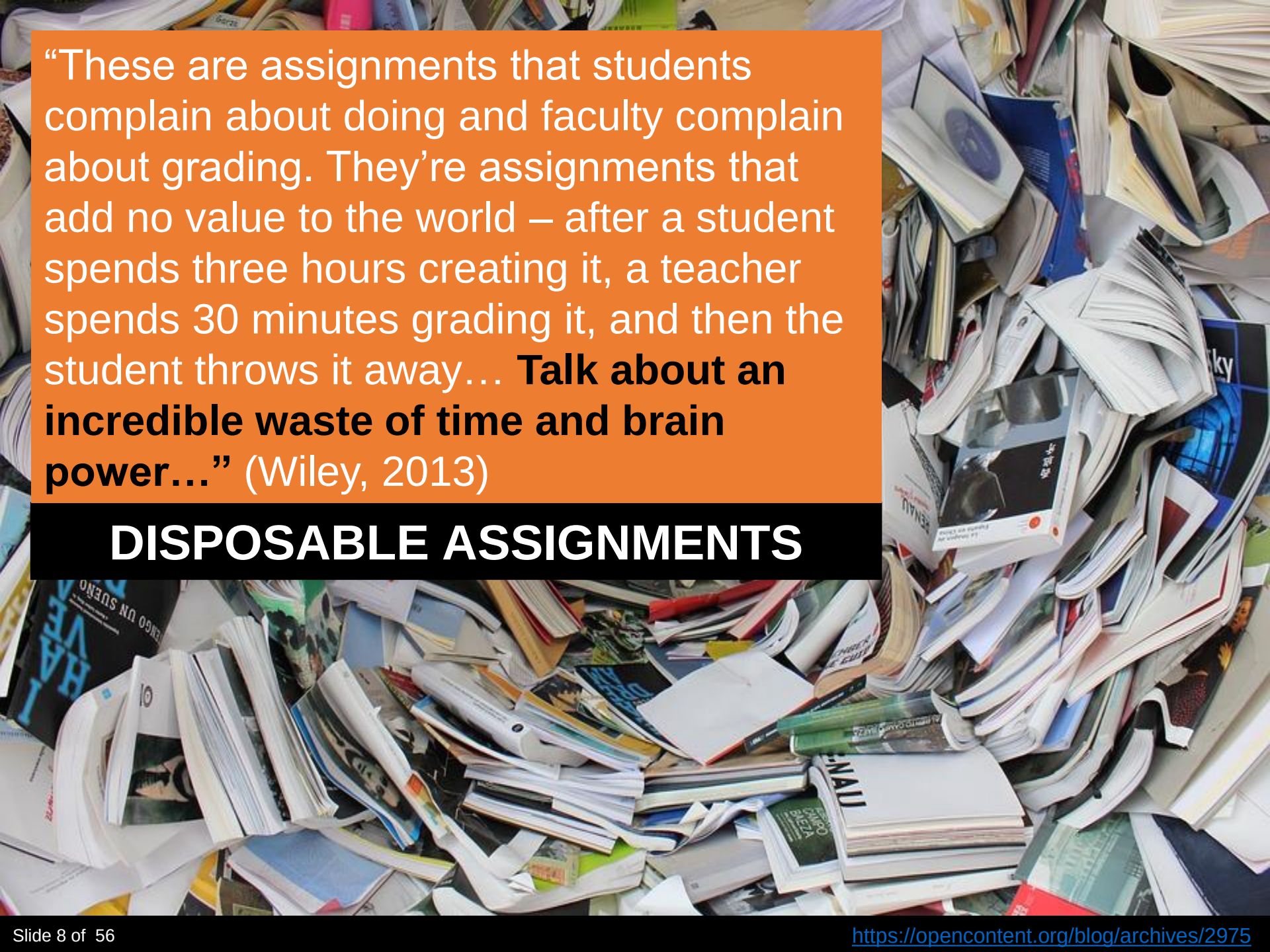
OPEN PEDAGOGY
COPYRIGHT LITERACY
SCHOLARLY PUBLISHING LITERACY

CONCEPTS



"… remaking our courses so that they become not just repositories for content, but **platforms for learning, collaboration, and engagement with the world outside the classroom**" (DeRosa & Robison, 2017, p. 117).

OPEN PEDAGOGY



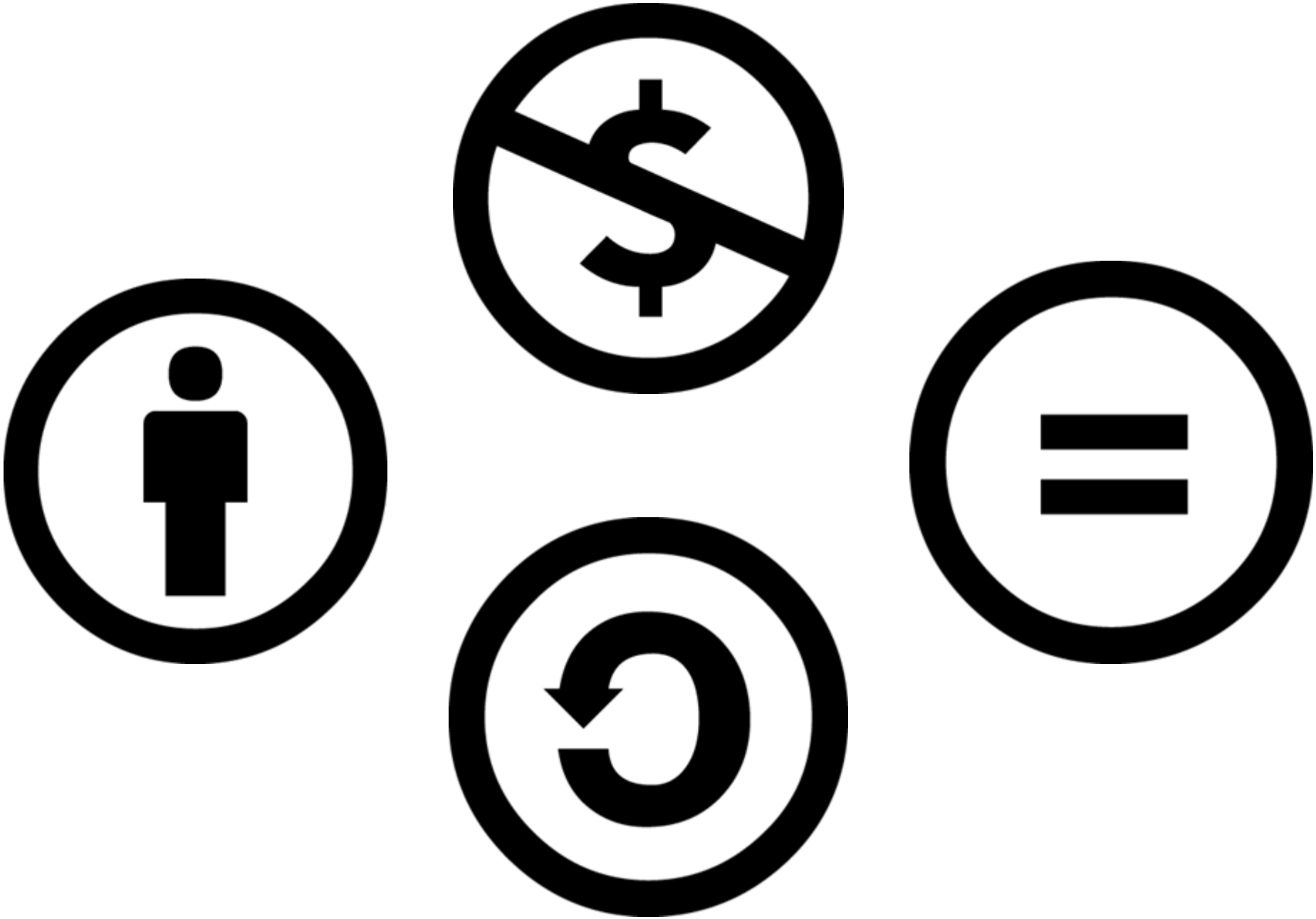
“These are assignments that students complain about doing and faculty complain about grading. They’re assignments that add no value to the world – after a student spends three hours creating it, a teacher spends 30 minutes grading it, and then the student throws it away… **Talk about an incredible waste of time and brain power…”** (Wiley, 2013)

DISPOSABLE ASSIGNMENTS

https://opencontent.org/blog/archives/2975

"Acquiring and demonstrating the appropriate knowledge, skills and behaviours to enable the **ethical creation and use of copyright material**" (Morrison & Secker, 2016, p. 211).

COPYRIGHT LITERACY

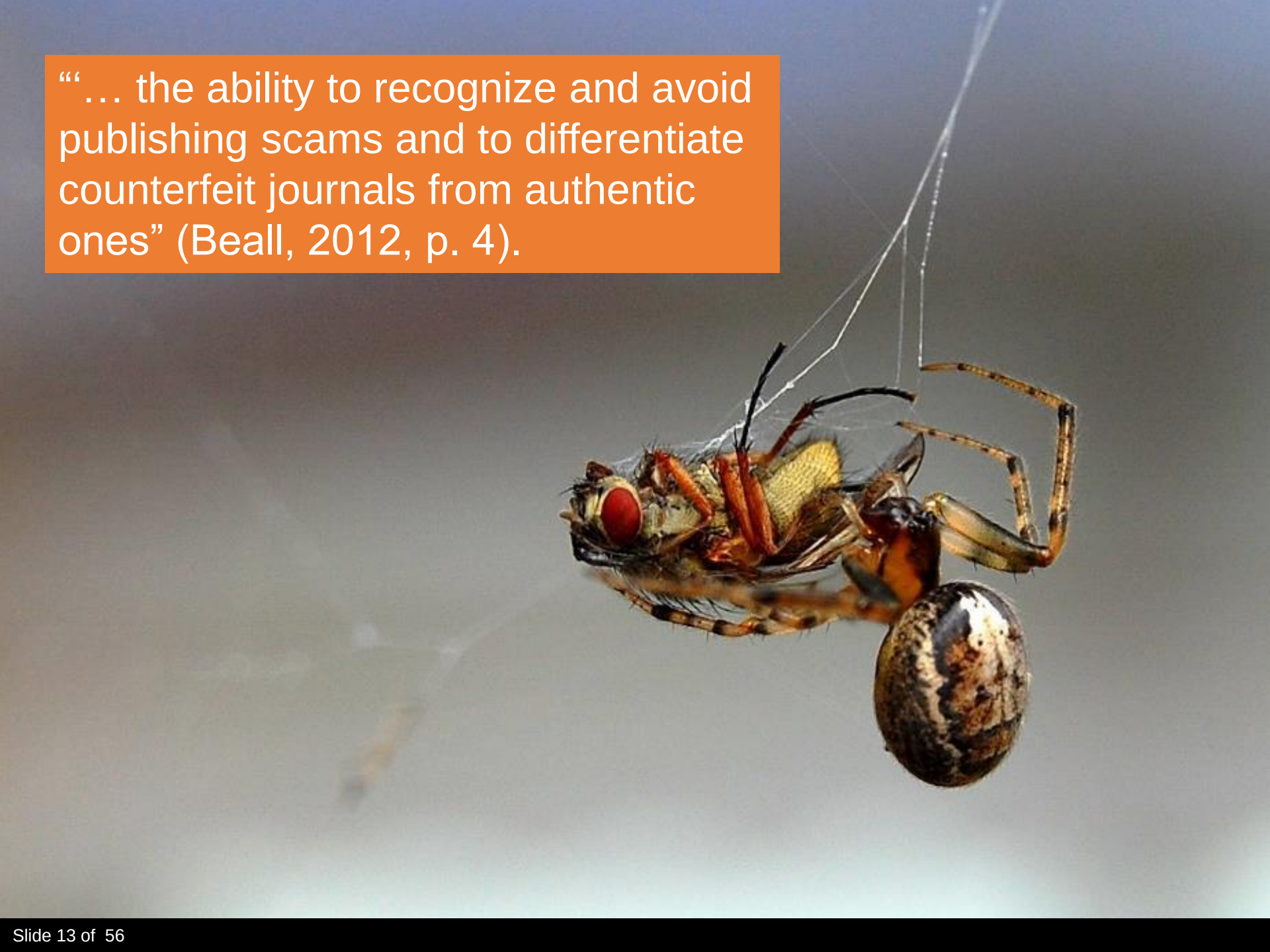


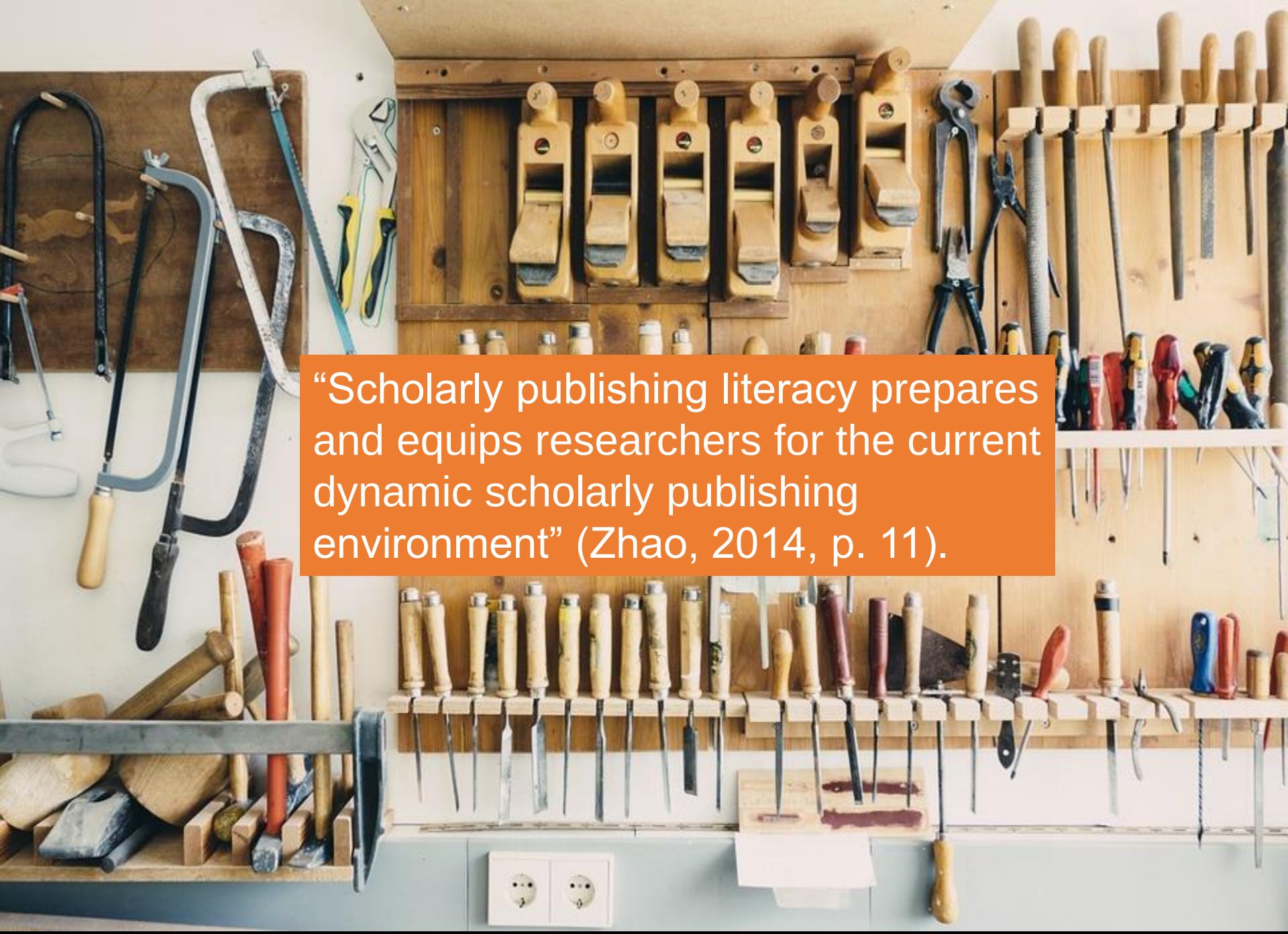
https://creativecommons.org

https://creativecommons.org

SCHOLARLY PUBLISHING LITERACY

“‘… the ability to recognize and avoid publishing scams and to differentiate counterfeit journals from authentic ones” (Beall, 2012, p. 4).




“Scholarly publishing literacy prepares and equips researchers for the current dynamic scholarly publishing environment” (Zhao, 2014, p. 11).

BREAK (15 minutes)

NOTES

https://tinyurl.com/wt10casenotes

DISCUSS

BENEFITS + CHALLENGES (15 mins)

GROUP DISCUSSION (10 mins each)

CASE STUDIES

STUDENT JOURNAL PROJECTS

After completing their final essays for *BIO 208 - Fundamentals of Plant Biology*, students not only submit their papers to their instructor for a final grade, they also submit them to a course-based open access journal hosted by the library using Open Journal Systems software. The works are reviewed by their instructor, a science writing specialist from the university's writing centre, and a science librarian. Most are sent back to students needing minor revisions. At the end of term, students who have had papers accepted, including those who have sufficiently revised their works, have their papers published in the course-based journal under a Creative Commons Attribution (CC BY) license.

Archives

2016

Vol 8 (2016)

2015

Vol 7 (2015)

2014

Vol 6 (2014)

2013

Vol 5 (2013)

2012

Vol 4 (2012)

2011

Vol 3 (2011)

Table of Contents

NANO*1000: Introduction to Nanoscience

Carbon Nanostructures in Organic Photovoltaic Cells for Solar Energy PDF
Ziyad Kalati

The Synthesis of Graphene Quantum Dots for Photovoltaic Nanotechnology PDF
Christoff Reimer

Seeing the Brain with CLARITY: Using a Hydrogel to Increase Three-dimensional Visibility of Post-mortem Neural Structures PDF
Madeleine Kulak

Applications of Nanomaterials to Improve Hydrogen Fuel Fell Efficiency PDF
Nicholas van Heijst

The Usage of Chitosan-Functionalized Mesoporous Silica Nanoparticles as a pH Sensitive Mechanism for Drug Delivery in Cancer Treatment PDF
Aidan Maxwell

da Vinci's Notebook (ISSN 1923-5720)
Sponsored by the College of Physical and Engineering Science, University of Guelph, Canada

- By Issue
- By Author
- By Title
- Other Journals

FONT SIZE

INFORMATION

Issue 1 - June, 2018

The Agony of Love and Fear: Nazism and the German Queer Community, 1920-1945

Sydni Zastre 25 min read
Department of History & Classics, University of Alberta

Top-Down Processing: A Network Analysis of The Lord of the Rings as a Means of Defining Good and Evil

Dennis John Werbicki 30 min read
Department of English & Film Studies, University of Alberta

Taxation on Ultra-processed Foods to Trim Obesity: Is it Plausible in Canada?

Dana Hankinson 15 min read
Department of Psychology, University of Alberta

GEOGRAPHY 600 COURSE JOURNAL

Register Login

ANNOUNCEMENTS CURRENT ARCHIVES ABOUT SEARCH

MAKE A SUBMISSION

April is here!
2017-04-05

And that means first revisions are due.

READ MORE >

Peer Review due on March 1
2017-04-05

First drafts due on Feb. 1
2017-04-05

COURSE INFORMATION

Spring 2017 Course
Room C100
Mondays and Thursdays
8:30am - 10:20am

CURRENT ISSUE

Vol 2 (2017): Spring Semester

EDITORIAL

Some of the highlights of our course

Mary Brown

PDF

http://journals.sfu.ca/present3/index.php/geog600

OJS
OPEN JOURNAL SYSTEMS

Tasks 0
Submissions
Issues
Settings
Users & Roles
Tools
Administration

Submissions

My Queue | All Active | Archives | Help

New Submission

Unassigned

Search

ID	Author; Title	Stage
No Items		

My Assigned

Search

ID	Author; Title	Stage
No Items		

My Authored

Search

ID	Author; Title	Stage
2	Account;	Incomplete

1 of 1 items

powered by OJS | Open Journal Systems
PKP | PUBLIC KNOWLEDGE PROJECT

The Scavenger 2015

A Refugee's Tale

by Riyah Lakhani

In any other environment, Meron Gadda would have been a little girl with a bright future. In a refugee camp in Kenya, she faced one roadblock after another on her way to the future she deserved.

Post-Secondary Safe and Secure

by Kaylen Small

Edmonton's post-secondary institutions rely on their security services to handle everything from sexual assault to grading disputes, to absent-minded professors locked out of their offices.

The Hunt for the Inner Spirit

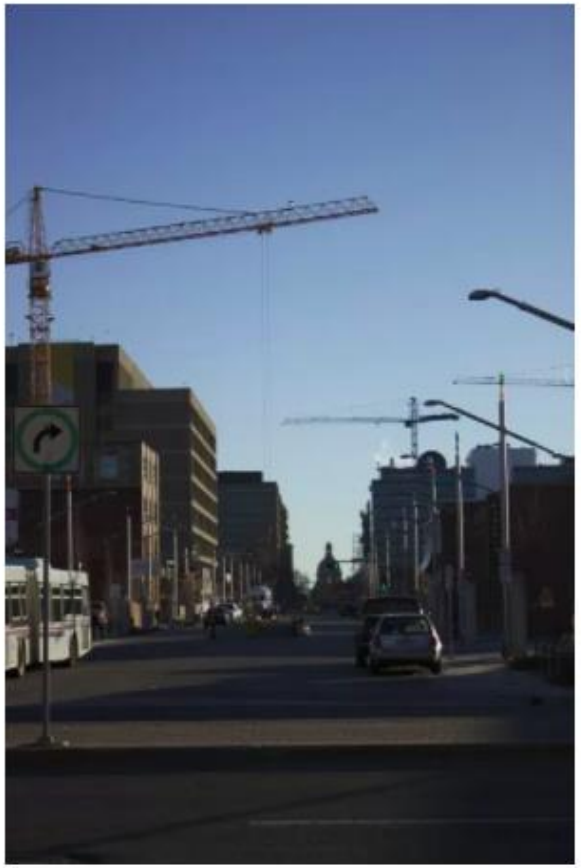
by Evan Davits

A quest to rediscover a forgotten First Nations heritage begins with a visit to the elders – who recommend a spiritual journey in the sweat lodge, to cleanse, reconnect, and wake up a sleeping sprit.

When Life Is Too Much to Bear

by Sahar Saifee

Deadlines, responsibilities and pressures can make life unbearable for many young people away from home for the first time. Dese'rae Stage knows a bit about it, and she wants to help.



The Struggle for the Soul of Alberta Avenue

OPEN TEXTBOOKS

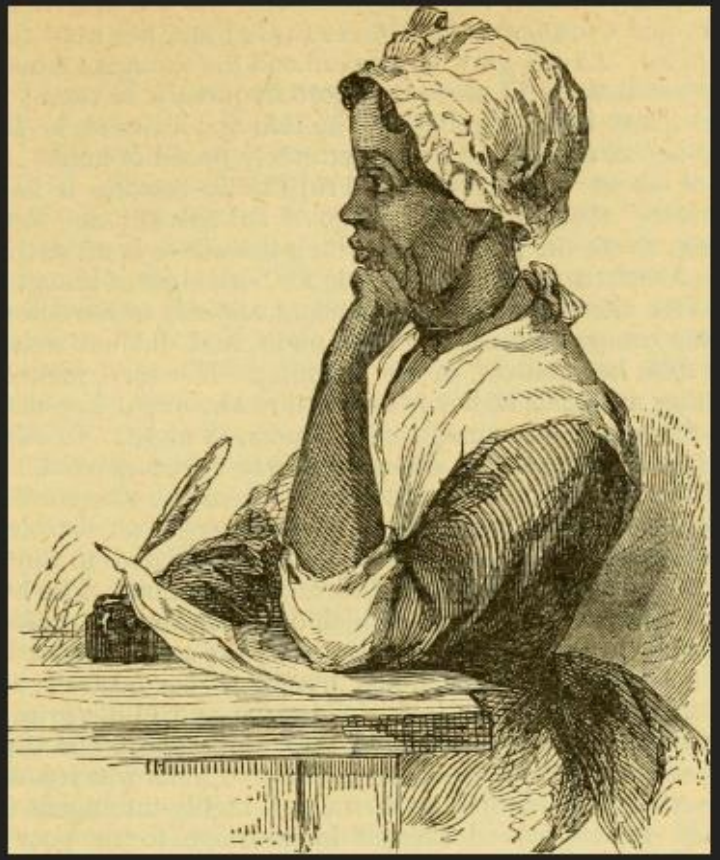
Over the course of a term, students work together to collect copies of early American literature that are no longer under copyright and available in the public domain. Each work is uploaded to an anthology using PressBooks. As they read and compile these works, students are also required to create supplementary materials including discussion questions, author biographies and introductions for each work. The anthology is posted online, and student contributions are made available under a Creative Commons license of the student's choosing. Course discussions are led in class but also through annotations students leave on the works using hypothes.is. In subsequent classes, students contribute additional works and supplementary content to the anthology, allowing it to grow over time.

The Open Anthology of Earlier American Literature

Robin DeRosa

Creative Commons Attribution

READ BOOK

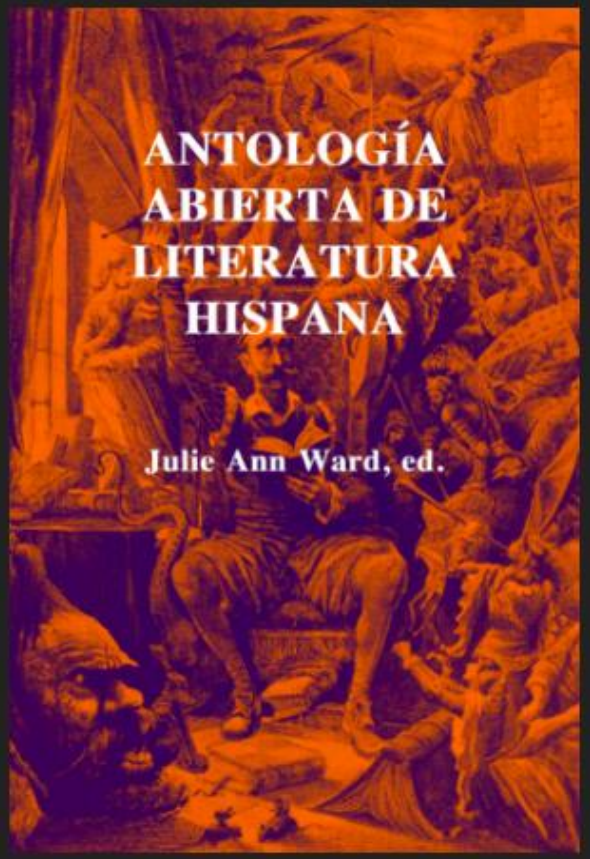


Antología abierta de literatura hispana

Julie Ann Ward, ed. y Ward, Julie Ann

Una antología crítica de textos literarios del mundo hispanohablante. Se enfoca en autores canónicos y también se intenta incluir voces marginadas. Cada texto tiene una introducción y anotaciones creadas por estudiantes. // A critical anthology of literary texts from the Spanish-speaking world. A focus on canonical authors and an attempt to include voices that have been marginalized. Each text includes an introduction and annotations created by students.

This Anthology was put together by Dr. Julie Ward and the students in her Introduction to Hispanic Literature course. We are looking for faculty to implement a similar Edición Crítica assignment in their classrooms to produce student-created critical editions that will expand the Anthology. If you are interested, let us know in the Rebus Community Forum.



Download this book

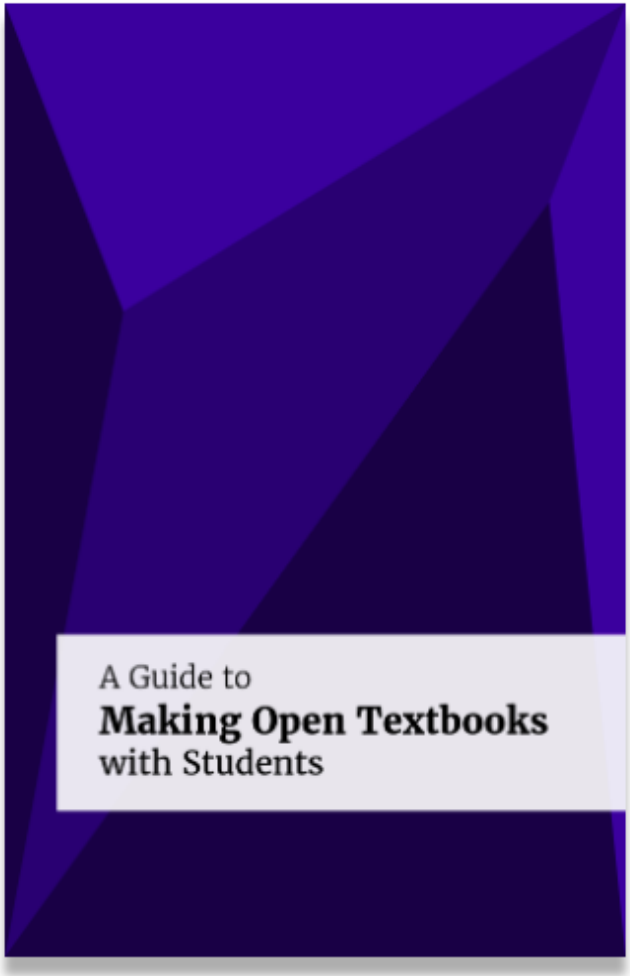
A GUIDE TO MAKING OPEN TEXTBOOKS WITH STUDENTS

Ed. Elizabeth Mays

Robin DeRosa, Rajiv Jhangiani, Timothy Robbins, David Squires, Julie Ward, Anna Andrzejewski, Samara Burns, Matthew Moore, Interviews with Alice Barrett, Amanda Coolidge, Maxwell Nicholson, Steel Wagstaff, Gabriel Higginbotham, Assistant Editors Zoe Wake Hyde, Apurva Ashok

A handbook for faculty interested in practicing open pedagogy by involving students in the making of open textbooks, ancillary materials, or other Open Educational Resources. This is a first edition, compiled by Rebus Community, and we welcome feedback and ideas to expand the text.

READ



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Users
Tools
Settings
Collapse menu

Dashboard

Student Success in the Social Sciences

Front Matter Add | Organize

Preface

Main Body

Chapter 1: Strategies for Studying

Chapter 2: Writing Examinations

Chapter 3: Finding Information in the Library and on the Internet

Chapter 4: Referencing Using APA Format

Back Matter

Appendix

Users

bibliorobyn - Administrator

Add | Organize

Pressbooks News

We're Changing Our Policies to Serve You Better

Starting July 5, we're making a change in our policy that will allow us to improve Pressbooks and continue to offer you the best service we can. Spammers cause a surprising amount of strain on our server and business, which takes valuable resources away from serving YOU, our loyal authors and core clientele. To discourage [...]

Updates and Bug Fixes to 5 Themes Coming Soon!

Note: This communication applies to Pressbooks.com, Ingramspark.pressbooks.pub, and a handful of private networks (you will have been notified by email if this applies to you). If you are on a PressbooksEDU network, go to the Pressbooks.education blog post for information relevant to you. We'll be releasing some improvements and bug fixes to five themes (McLuhan, [...]

New! Customize Textbox Colors, Table Captions, and Other Improvements to Pressbooks

We've made a few tweaks and improvements to Pressbooks that we think you'll be happy about! Collapsible sections First, the following themes now have an option to collapse subsections within a chapter in the webbook: Asimov Clarke Jacobs McLuhan This will be particularly useful for books in which chapters contain many large subsections. With

DATA REPLICATION ASSIGNMENTS

Students in a third year economics research methods class are required to select a research paper, download its data, and reproduce its results using R. In cases where data, codebooks, and any other necessary files are not available, they are asked to contact the authors of the study to request a copy. Towards the end of the project students exchange code and data with classmates using Dropbox to cross check each other's work, and provide feedback. They are then required to write up a paper that includes ways that the original authors could have improved upon the availability of the data and how it has been presented. If the replication fails, they must discuss possible reasons why. Final papers and data are uploaded and made openly available in the university's data repository.

WIKIPEDIA EDITING ASSIGNMENTS

As part of a second-year *History of Medicine* course, students participate in a Wikipedia editing project. Each student selects a woman physician, healer, or biomedical scientist who either does not have a page about them on Wikipedia, or who only has a short entry (also known as a “stub”). Each student must then create or expand upon an article on this person. The instructor uses the Wiki Education Dashboard to track their contributions.

Course Activity

5	88	1.29K	58	51.1K	2.48M	1
Articles Created	Articles Edited	Total Edits	Student Editors	Words Added	Article Views	Commons Uploads

Women and Medicine

This course surveys the relationship between women and medicine from Antiquity to the present. We will examine the interrelated histories of women as medical practitioners, patients and objects of medical knowledge. We explore the different ways women functioned as health care providers, as domestic healers, nurses, midwives, and physicians. At the same time, we discuss how women experienced illness in the past and the expectations and norms that shaped their illness experiences. Finally, we look at medical knowledge about women and how ideas about gender have been constructed by the medical professions.

This Week

View Full Timeline

There is nothing on the schedule for this week.

Details

Instructors: BeforeNewton
Wiki Ed Staff: Sage (Wiki Ed) (Sage Ross / sross@wikiedu.org), Helaine (Wiki Ed)
School: University of Oklahoma
Term: Fall
Passcode: ****
Expected Students: 54
Start: 2017-08-21
End: 2017-12-20
Assignment Start: 2017-09-05
Assignment End: 2017-12-01
Campaigns: National Women's Studies Association, Communicating Science, Fall 2017

Actions

Training Libraries

Instructors

Included Modules:

- How to teach with Wikipedia
- Designing a Wikipedia Writing and Research Assignment
- Designing a Translation Assignment
- Designing a Media Contribution Assignment
- Assigning Medical and Psychology Topics
- Finding Articles

Students

Included Modules:

- Wikipedia policies
- Sandboxes, talk pages, and watchlists
- How to edit: Wikicode vs Visual Editor
- Evaluating articles and sources
- Finding your article
- Editing health and psychology topics
- Contributing images and media files
- Translating articles
- Adding citations
- Drafting in the sandbox
- Drafting in the sandbox (as a group)
- Moving work out of the sandbox
- Moving work out of the sandbox (as a group)
- Peer review
- Plagiarism and copyright violation

CITATION LINKING

Students in an Anthropology 101 class are required to find a peer-reviewed article published 10-15 years ago on a topic of interest. Using its reference list, and Scopus, Web of Science, and Google Scholar, they then must find earlier and later articles that have cited or been cited by the original article. In total they need 5 articles. They then need to use the Altmetric Bookmarklet to investigate whether any articles in their collection have been discussed in non-academic sources. In 1-2 paragraphs, they must discuss how each of the articles, and any altmetrics, are related to one another, and identify an area of future research based on what is known about the topic that the articles deal with.

Secure | https://www.altmetric.com/details/16693738/policy-documents

Apps recipes Altmetric it!

The Characteristics and Mental Health of Homeless Adolescents: Age and Gender Differences

Overview of attention for article published in Journal of Emotional & Behavioral Disorders, October 2000

6

About this Attention Score

In the top 25% of all research outputs scored by Altmetric

MORE...

Mentioned by

2 policy sources

Citations

SUMMARY | Policy documents | Dimensions citations

So far, Altmetric has seen **2** policy documents that reference this research output.

Effective interventions for working with young people who are homeless or at risk of homelessness

Cited by Analysis & Policy Observatory (APO) on **25 May 2012**

Analysis & Policy Observatory (APO) is a research database and alert service providing free access to full-text research reports and papers, statistics and other resources essential for public policy development and implementation in Australia and New Zealand.

Adolescent Health Services: Missing Opportunities

Cited by National Academies Press on **01 Jan 2009**

The US National Academies Press (NAP) was created by the National Academy of Sciences to publish the reports of the National Academies of Sciences, Engineering and Medicine, operating under a charter granted by the Congress of the United States. The NAP publishes on a wide range of topics in science, engineering, and medicine, providing authoritative information on important matters in science and health policy.

https://www.altmetric.com/products/free-tools/bookmarklet

DIGITAL STORYTELLING

Sociology students in a fourth year seminar focusing on Social Inequality in Canada combine images, audio, and video clips found online to create short digital stories that illustrate the lived realities of immigrants and refugees. To complete these projects, they use a variety of software products available from the library, including PowerPoint and iMovie. A number of the students later showcase their digital stories at an interdisciplinary undergraduate student conference held on campus. These presented works are posted to a conference proceedings website that is openly available to others online.

DIGITAL STORIES

Islamophobia

Nasreen Seifeddine, Jennifer Twa, Jami Scott, Samantha Hay

DIGITALSTORY

Syrian Refugee Crisis

Umulkhayr Abyan, Umukalthuum Abyan, Narmien Mohamed, Maymuna Abdi

DIGITALSTORY

Interdisciplinary Dialogue Student Conference 2018

Vol 2 No 1 (2018)

The 2018 Interdisciplinary Dialogue Student Learning Symposium took place at MacEwan University on April 21st, 2018 as part of an interdisciplinary teaching and learning project focusing on **Truth and Reconciliation.**

Throughout the Winter 2018 semester, students from eight different disciplines participated in educational forums and discussions surrounding Indigenous ways of knowing, colonialism and the Canadian justice system, and working together in allyship. The student learning conference afforded students an opportunity to continue their learning by sharing scholarly and creative works inspired by the project.

Interdisciplinary Dialogue Student Conference 2017

Vol 1 No 1 (2017)

The first Interdisciplinary Dialogue Student Conference took place at MacEwan University on April 25th, 2017, and was part of the interdisciplinary teaching and learning pilot project on the **Global Refugee Crisis**.

This student learning conference afforded students an opportunity to learn about themselves, appreciate different perspectives, and develop an understanding of the complexities of this important global issue.

OPEN ACCESS WEEK

For Open Access Week 2018 a librarian decides to host a screening of the newly released movie *Paywall: The Business of Scholarship*. Her goal is to engage students with open access and related debates around access to information. She books a theatre on campus, rents a popcorn machine, puts up posters, adds an event to the library website, and encourages her colleagues in the library to promote the event to students and faculty that they work with.

Upcoming Events | Past Events | My Events

Upcoming Events (3)

Search All | Or | Select a Country

October 22
Monday

Fayetteville

Open Access Week-Journal of Research Initiatives

October 22, 2018 to October 26, 2018 – United States of America

This year's Open Access Week events will take place

The Internet's Own Boy

THE STORY OF AARON SWARTZ

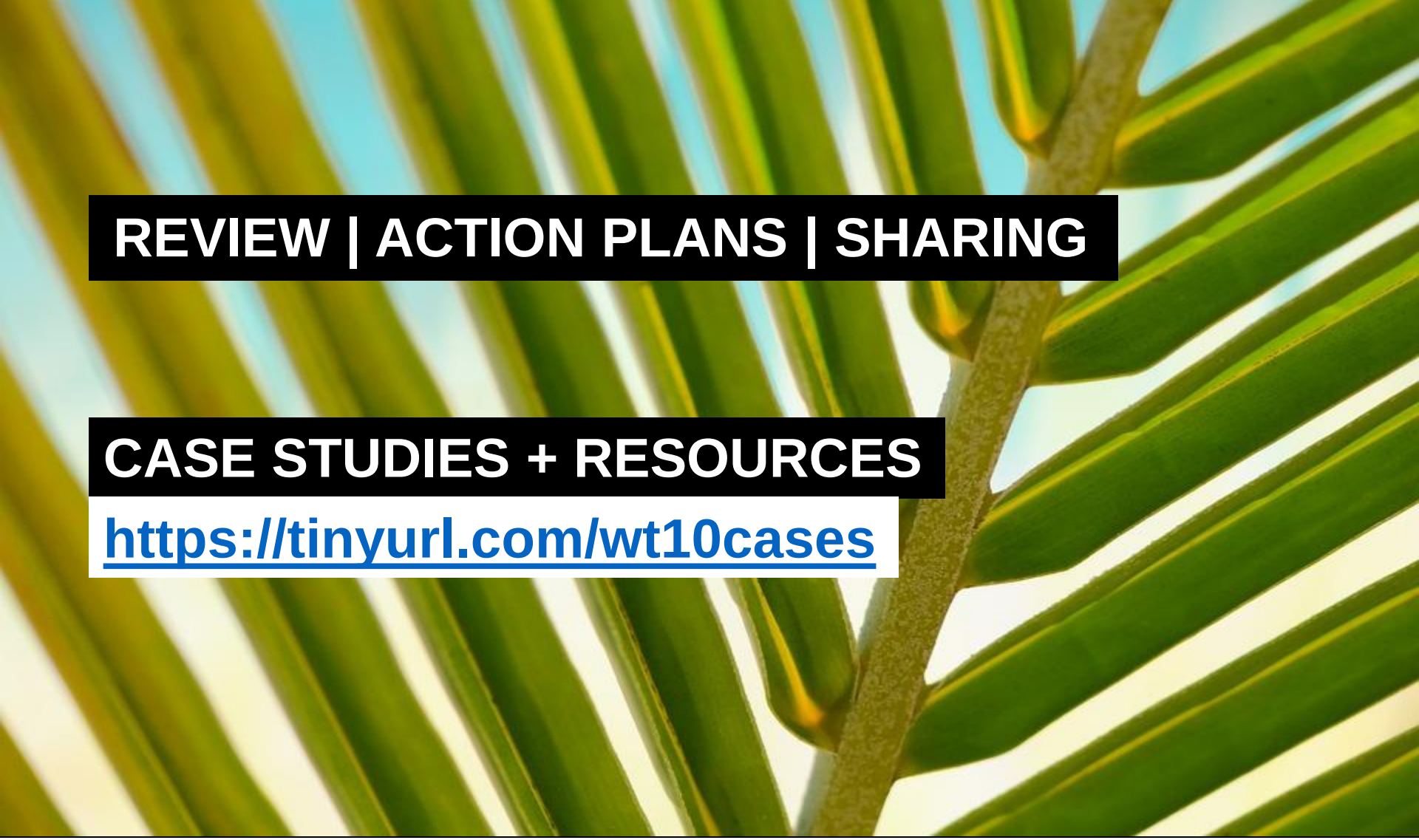
Tuesday, October 27, 6 p.m.

Stanley A. Milner Library Theatre
7 Sir Winston Churchill Square

Movie screening hosted by Dr. Michael McNally, School of Library and Information Studies, University of Alberta

FREE ADMISSION
epl.ca/openaccess

OPEN International ACCESS WEEK | MacEwan UNIVERSITY | EDMONTON PUBLIC LIBRARY epl.ca


REVIEW | ACTION PLANS | SHARING
CASE STUDIES + RESOURCES
https://tinyurl.com/wt10cases

TOMORROW

HAVE A GOOD EVENING! :-)

~~Day 1~~

~~INTRODUCTIONS | CONCEPTS | CASE STUDIES~~

~~+ REFLECTIONS~~

Day 2

REVIEW | ACTION PLANS | SHARING

+ FEEDBACK

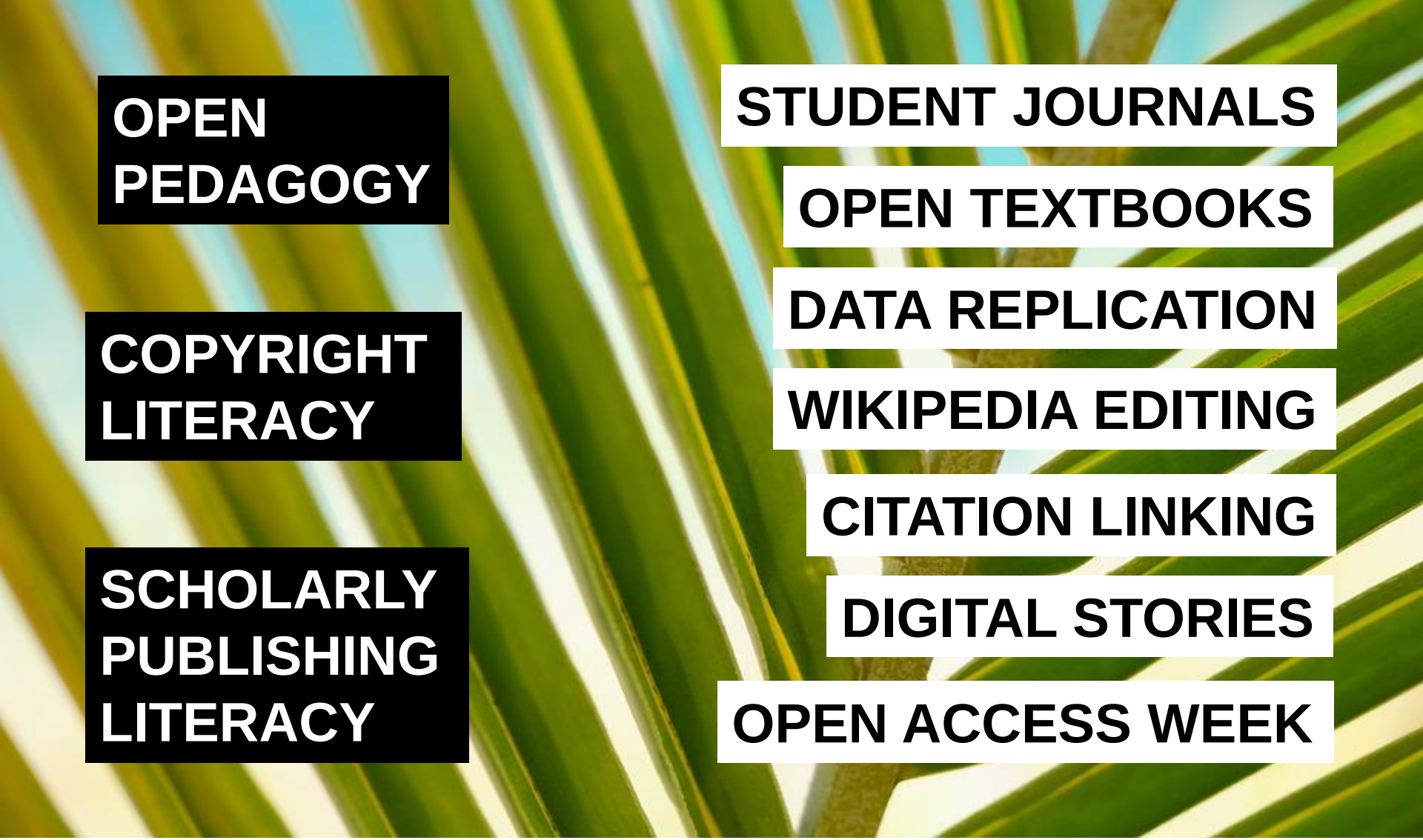
OVERVIEW

True or False: Open pedagogy focuses on students as knowledge consumers.

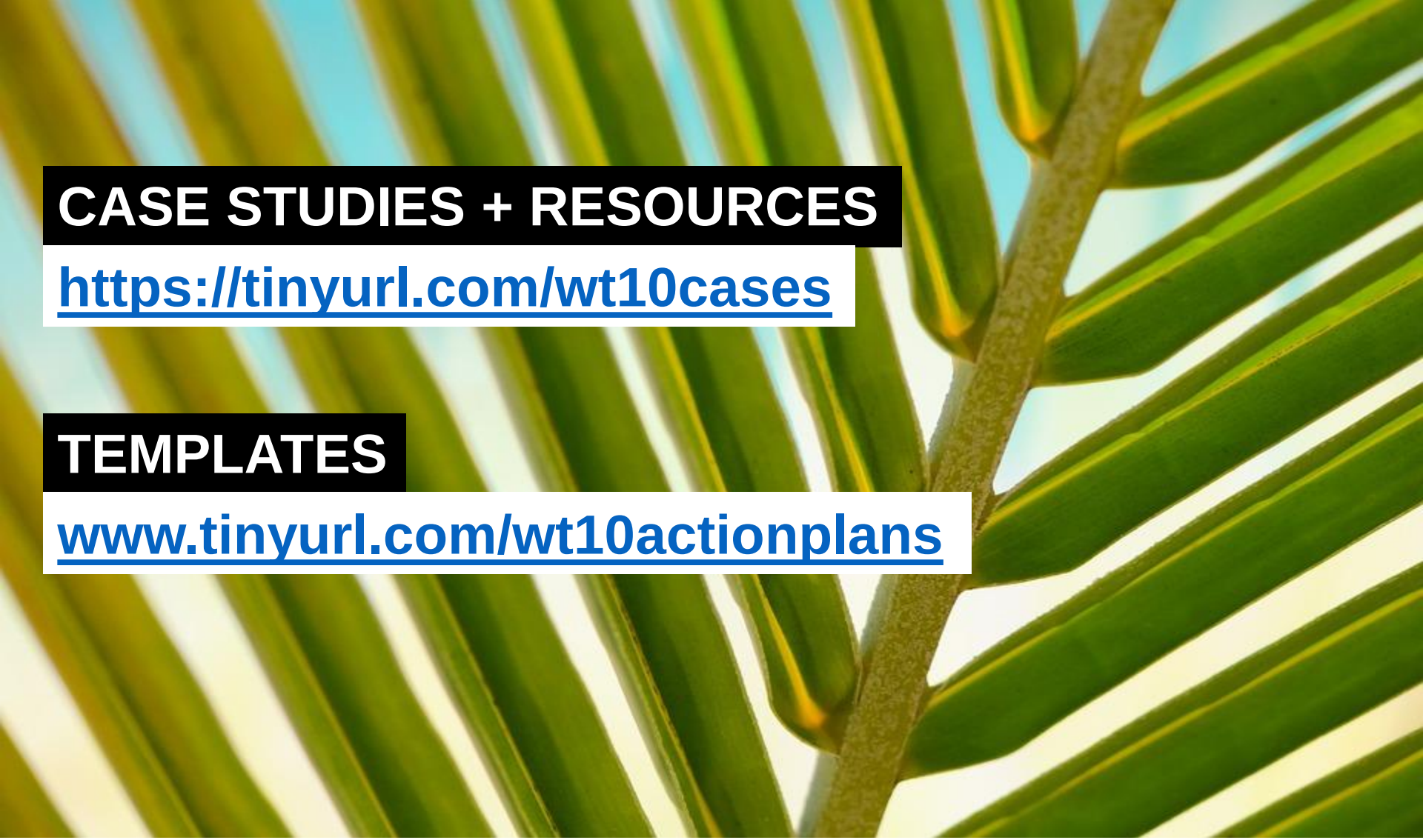
Which Creative Commons license is least *open*?
Attribution | NonCommercial | ShareAlike | No Derivatives

What is the name of the open source software frequently used for student journal projects?

True or False: Open Access Week is the best time to teach students about open access.


OPEN PEDAGOGY
COPYRIGHT LITERACY
SCHOLARLY PUBLISHING LITERACY
STUDENT JOURNALS
OPEN TEXTBOOKS
DATA REPLICATION
WIKIPEDIA EDITING
CITATION LINKING
DIGITAL STORIES
OPEN ACCESS WEEK

REVIEW


CASE STUDIES + RESOURCES
https://tinyurl.com/wt10cases
TEMPLATES
www.tinyurl.com/wt10actionplans

LINKS

ACTION PLANS (20 minutes)

BREAK (15 minutes)

SHARING + FEEDBACK (7 minutes each)

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For Higher-Ed

https://www.oercommons.org

QUESTIONS? FINAL THOUGHTS?

REFERENCES

Beall, J. (2012, November). Predatory publishers and opportunities for scholarly societies. Paper presented at the American Educational Research Association meeting, Washington, DC.

DeRosa, R., & Robison S. (2017). From OER to open pedagogy: Harnessing the power of open. In R. S. Jhangiani & R. Biswas-Diener (Eds.), *Open: The philosophy and practices that are revolutionizing education and science (*pp. 115–124). London, UK: Ubiquity Press. doi:10.5334/bbc.i

Secker, J., & Morrison, C. (2016). *Copyright and e-learning : A guide for practitioners*. London, UK: Facet Publishing.

Wiley, D. (2013). What is open pedagogy? Iterating toward openness. Retrieved from http://opencontent.org/blog/archives/2975

Zhao, L. (2014) Riding the wave of open access: Providing library research support for scholarly publishing literacy, *Australian Academic & Research Libraries*, *45*(1), 3-18. doi:10.1080/00048623.2014.882873

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