Serving **SOCIAL JUSTICE & PEDAGOGICAL INNOVATION** with **OPEN EDUCATIONAL PRACTICES**

Rajiv Jhangiani, Ph.D.

University Teaching Fellow & Psychology Instructor, Kwantlen Polytechnic University
Open Education Advisor, BCcampus
Associate Editor, Psychology Learning and Teaching

@thatpsychprof

Increasingly, I think the work of education is **activism** not teaching

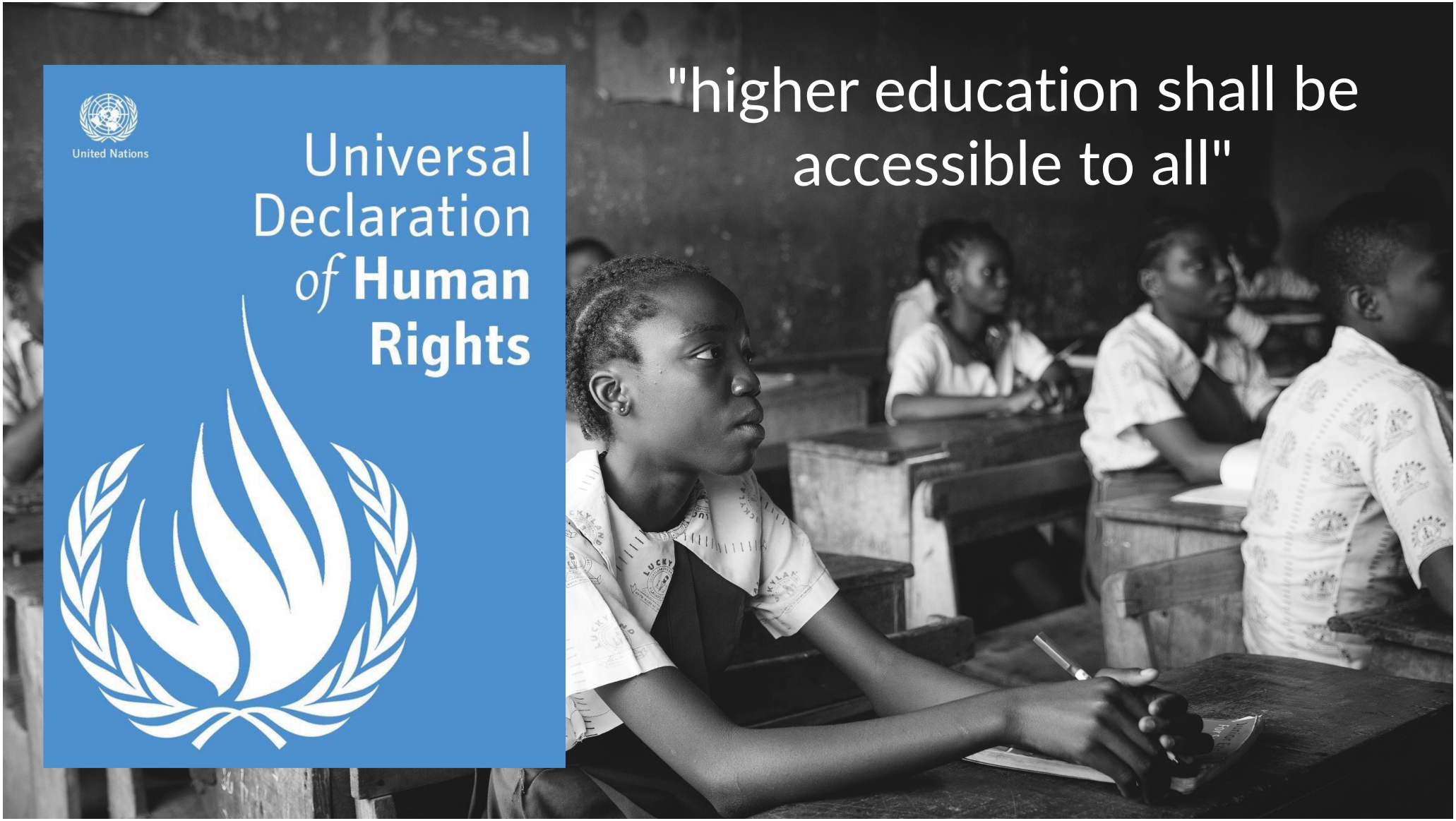
Jesse Stommel, July 30, 2017, *Digital Pedagogy Lab Vancouver*

My commitment to engaged pedagogy is an expression of **political activism**

bell hooks, 1994, *Teaching to Transgress: Education as the Practice of Freedom*

Emergency services key box by Dennis van Zuijlekom, CC-BY-SA 2.0

Higher education
replicates and **reinforces**
existing power structures


United Nations
Universal Declaration of Human Rights
"higher education shall be accessible to all"

BREAKDOWN OF YOUR COSTS PER YEAR

In Canadian currency

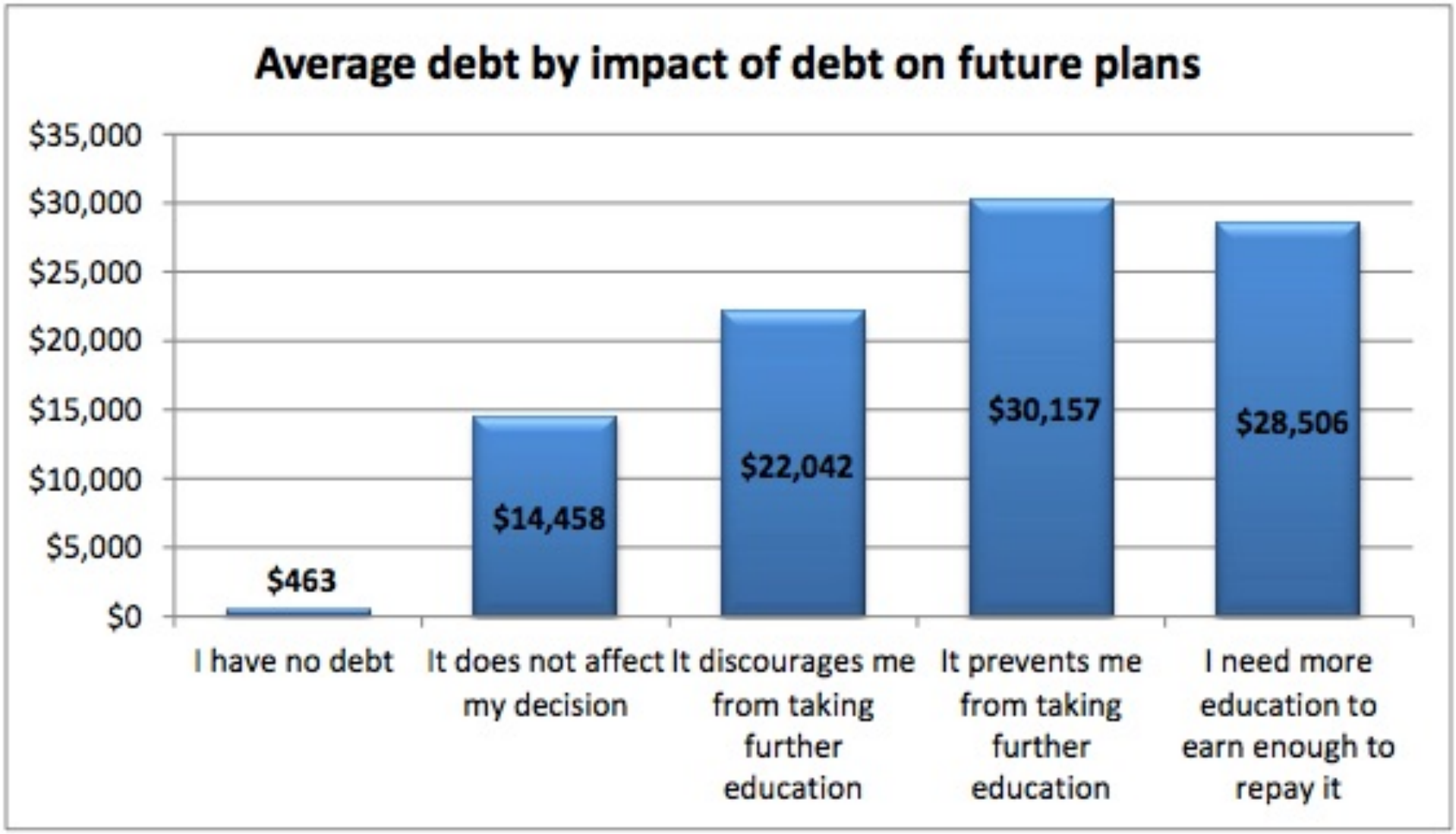
Educational costs (First year course load - 30 credits)	
Tuition	$5,189.70
Student fees	$1,019.87
Books/supplies	$2,080.00
Educational costs subtotal	**$8,289.57**
Basic living costs	
Housing	
Rent	$5,214.00
Utilities	$0.00
Home insurance	$0.00
Food and groceries	$5,495.28
Startup costs	$100.00
Health Insurance BC	$600.00
Personal care	$480.00
Basic living costs subtotal	**$11,889.28**
Other costs	
Phone and internet	$960.00
Hobbies and recreation	$480.00
Clothing	$480.00
Other costs subtotal	**$1,920.00**
Estimated total cost per year	**$22,098.85**

$22,098.85
at $11.35/hour (minimum wage)
= 1947 hours
(37 hours/week)

I See Debt People

GAME OF
LOANS
INTEREST IS
COMING

I WILL ALWAYS
REMEMBER UBC FOR
MY CRIPPLING DEBT
#UBCgrad



Source: Canadian University Survey Consortium, 2015 graduating university student survey

TOP PICKS
WORLD'S MOST LIVEABLE CITIES

THE VANCOUVER SUN

B.C. post-secondary students increasingly relying on food banks

Facility at UBC appears headed toward a second straight 100-per-cent annual increase

BY MATTHEW ROBINSON, VANCOUVER SUN JULY 17, 2015

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More post-secondary students using food banks in Ontario: Hunger Report

HUNGERCOUNT 2015

A comprehensive report on hunger and food bank use in Canada, and recommendations for change

January 25, 2016

THE HUFFINGTON POST

CANADA

Edition: CA Region: All Canada

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HuffPost Quebec (en français) • What's Working • Video • The Third Metric • Impact • Canada Video • Blogs • 2 Minutes To Transform

University Students and Grads Are Using Food Banks More Than Ever

Posted: 09/17/2014 12:40 pm EDT | Updated: 11/17/2014 5:59 am EST

296 Like | 133 Share | Tweet | 0 G+ Share | 0 Pin it | Submit | 4 Comment | Print

It's that time of year again, summer is almost a memory and children are heading back to school. Some students dread the first day of school, while others can't wait for new adventures, and to see the friends they've missed. For over 130,000 Ontario children back to school often comes as a welcome relief to the daily struggle of trying to find a healthy, nourishing breakfast.

The Ontario Association of Food Banks' network includes 125 direct member food banks that support over 300 breakfast clubs across the province. These clubs ensure that students have access to a balanced breakfast to help them focus on school instead of their growling bellies. Many of our member food banks also offer additional support through lunch and snack programs, backpack programs, and helping children obtain back-to-school essentials such as binders, paper, and stationary.

Alberta universities report dramatic rise in food bank use

MADELEINE CUMMINGS, EDMONTON JOURNAL

More from Madeleine Cummings, Edmonton Journal

Published on: July 26, 2015 | Last Updated: July 26, 2015 11:32 PM MST

OCTOBER 2016

HUNGER ON CAMPUS

The Challenge of Food Insecurity for College Students

James Dubick

Brandon Mathews

Clare Cady

College and University Food Bank Alliance

National Student Campaign Against Hunger and Homelessness

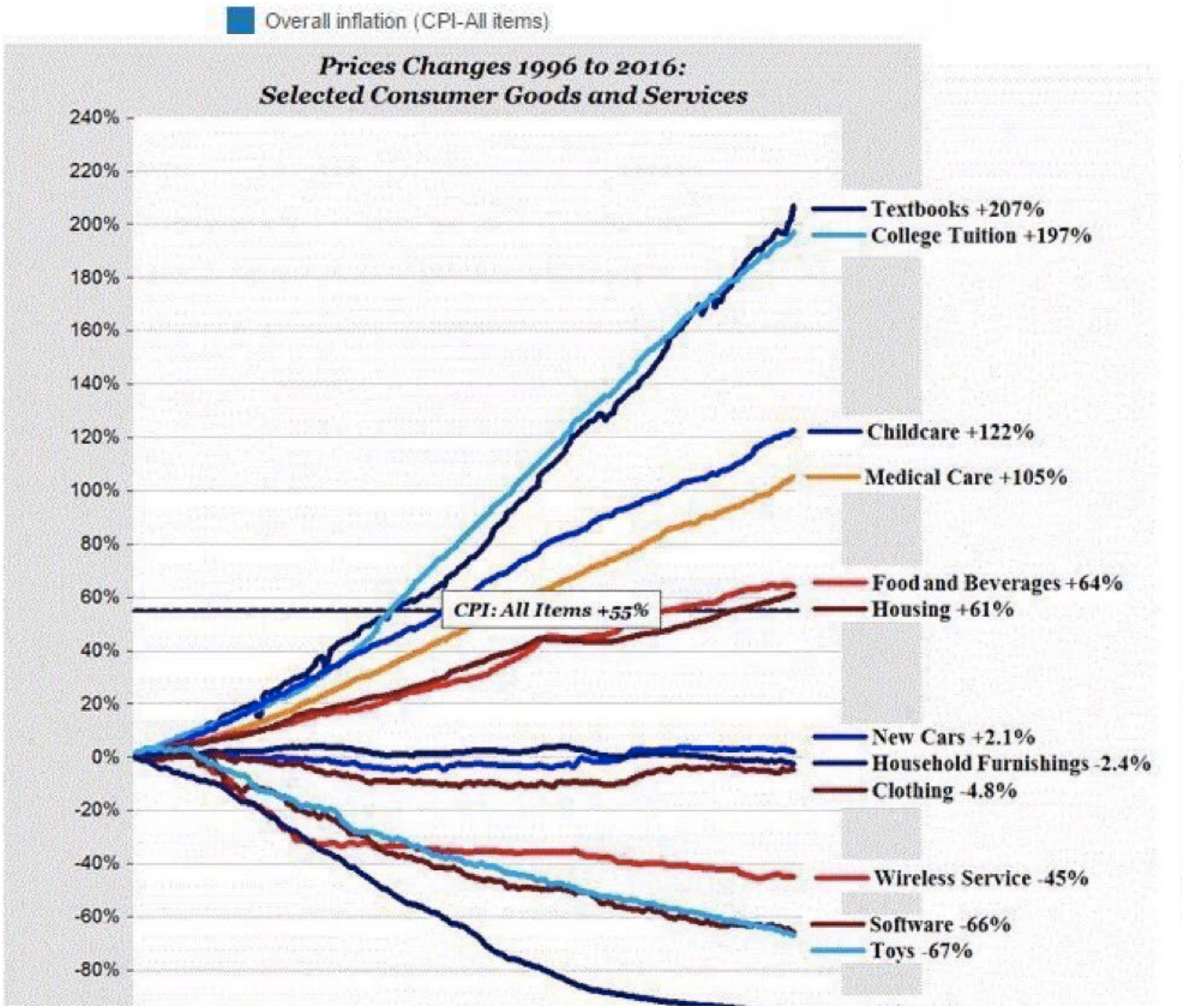
Student Government Resource Center

Student Public Interest Research Groups

Untitled image by Aleksi Tappura, CC0

Turn Towards Open to Overcome the Control Valve by Alan Levine, CC0

Since 1977, textbook prices have risen at more than triple the overall rate of U.S. inflation. Use the filter to choose a date range to track textbook price inflation. *(SOURCE: BLS)*



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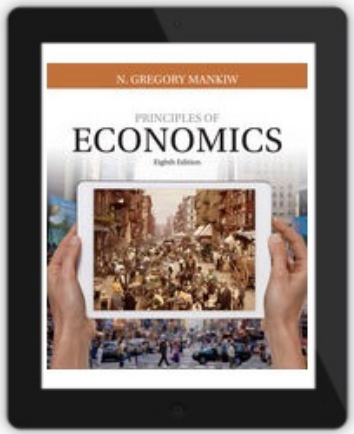

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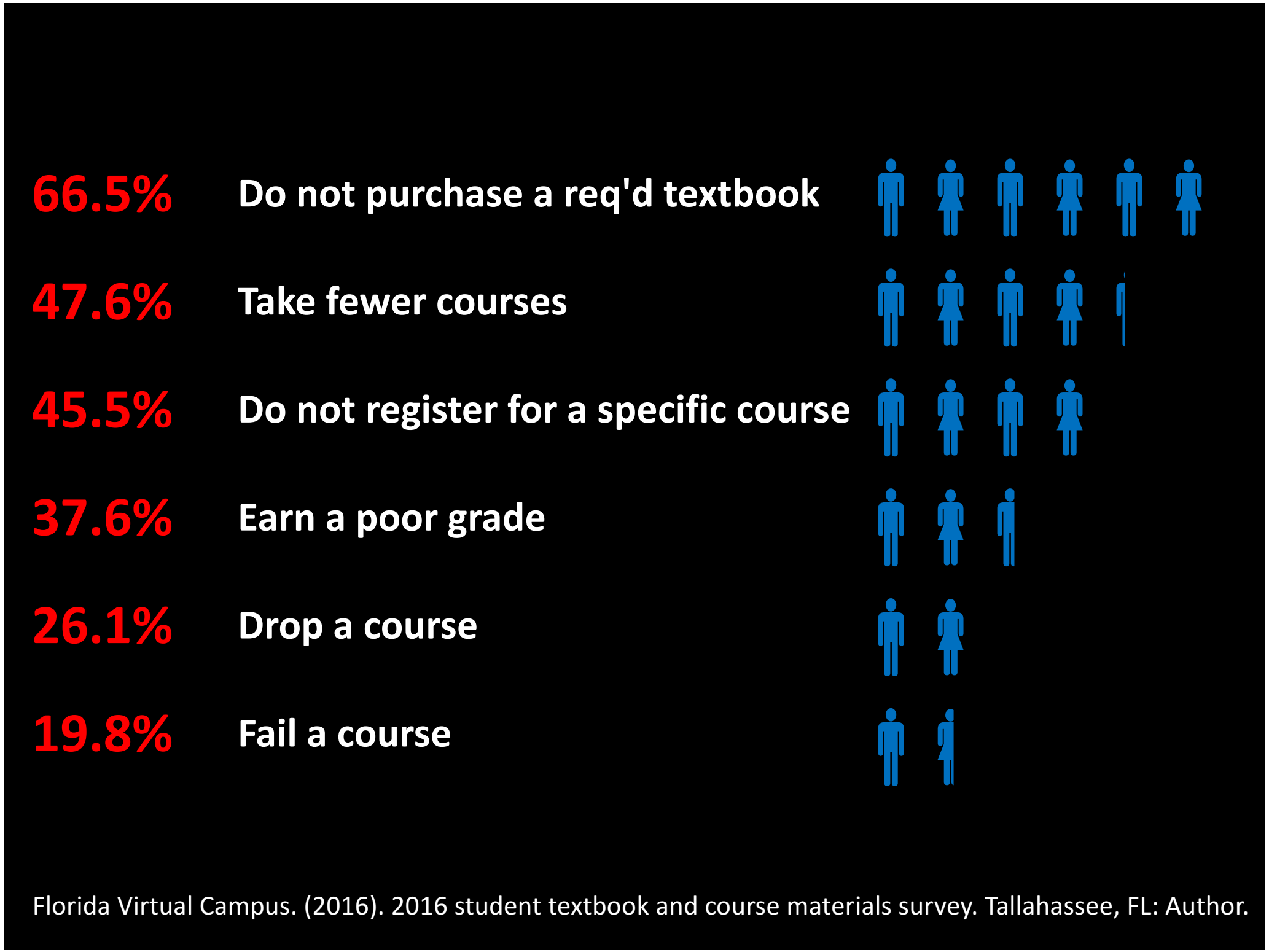
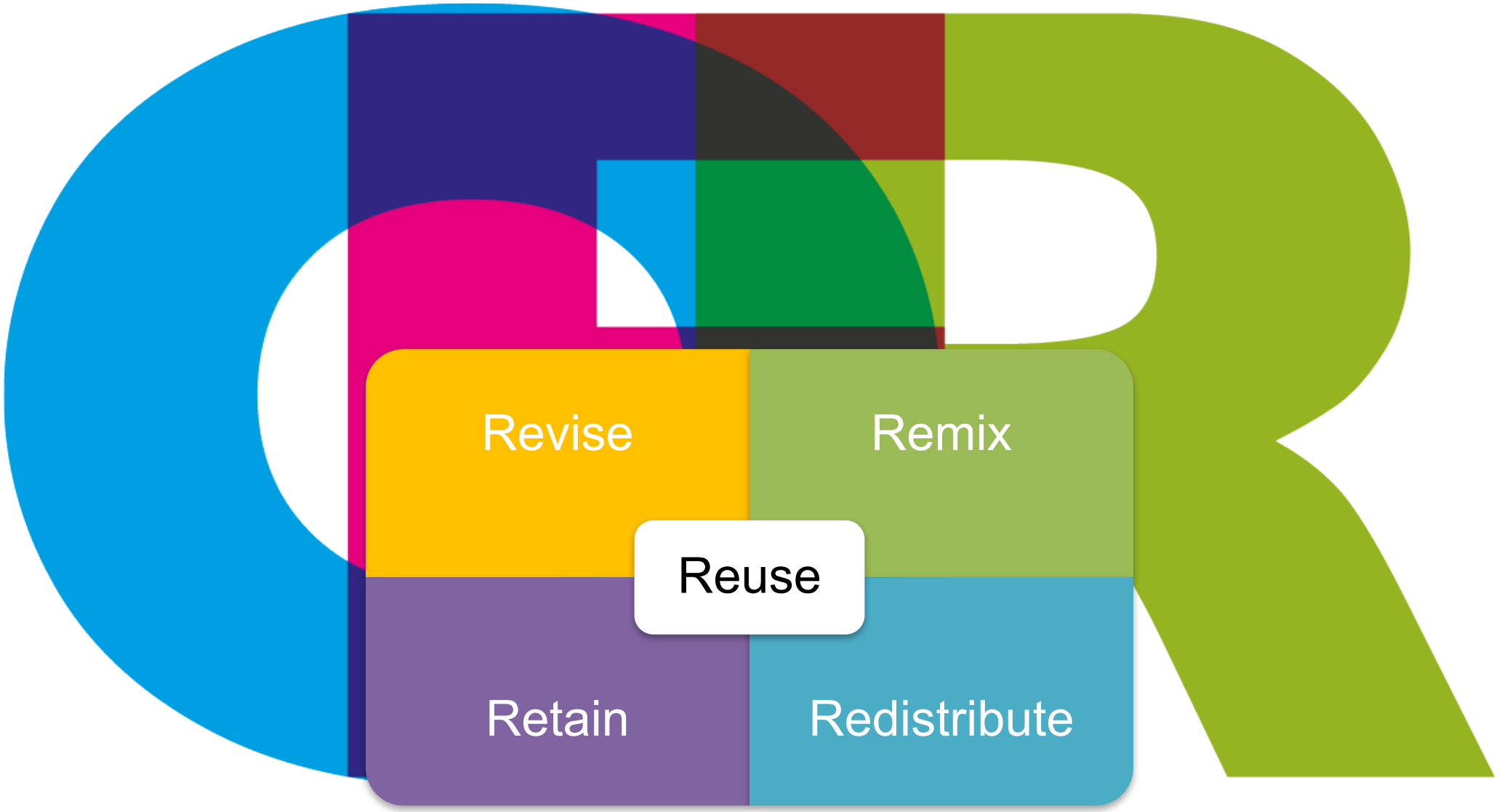
Instructors Next Steps

Students Buy or Rent



Florida Virtual Campus. (2016). 2016 student textbook and course materials survey. Tallahassee, FL: Author.



OPEN EDUCATIONAL RESOURCES

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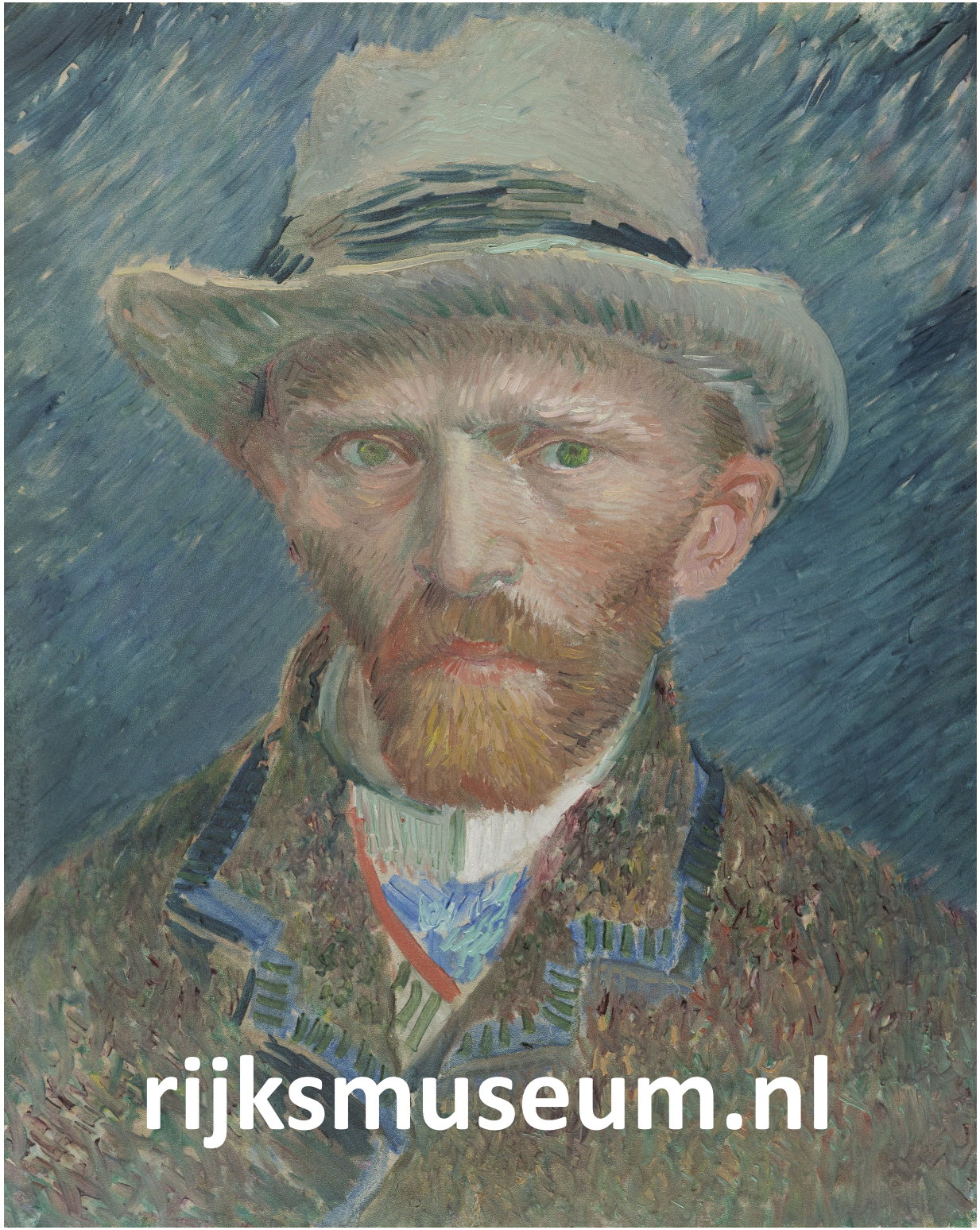
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University of Colorado Boulder

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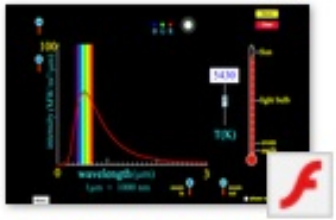
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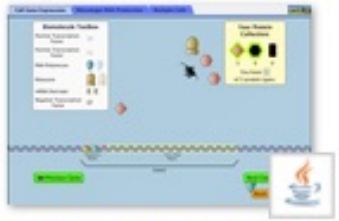
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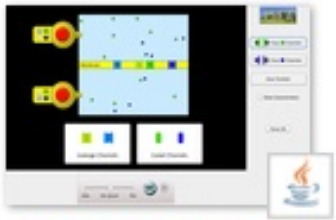
Gene Machine: The Lac Operon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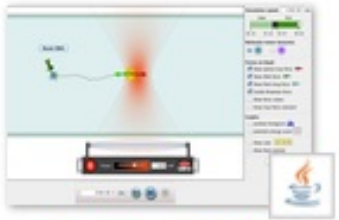
Molecular Motors

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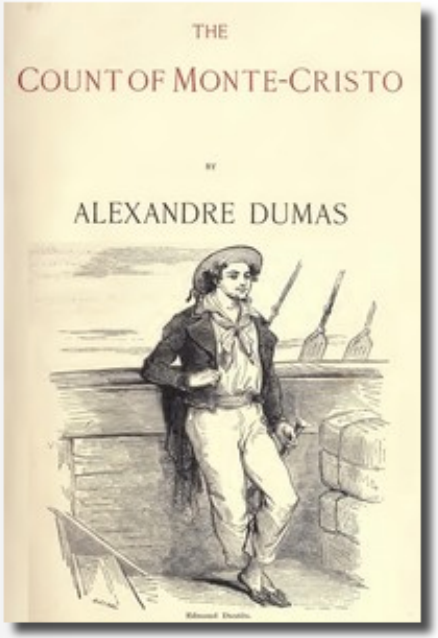

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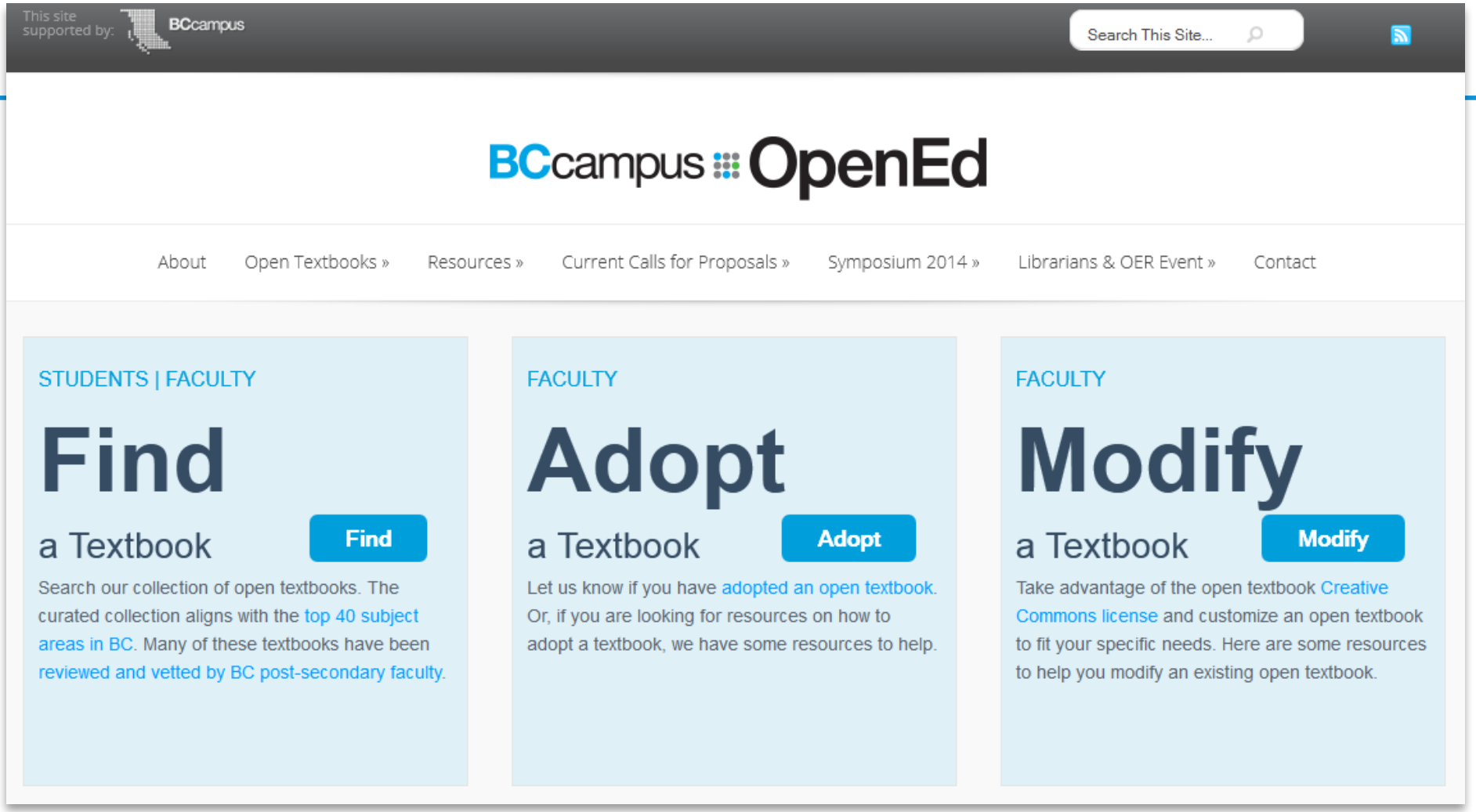


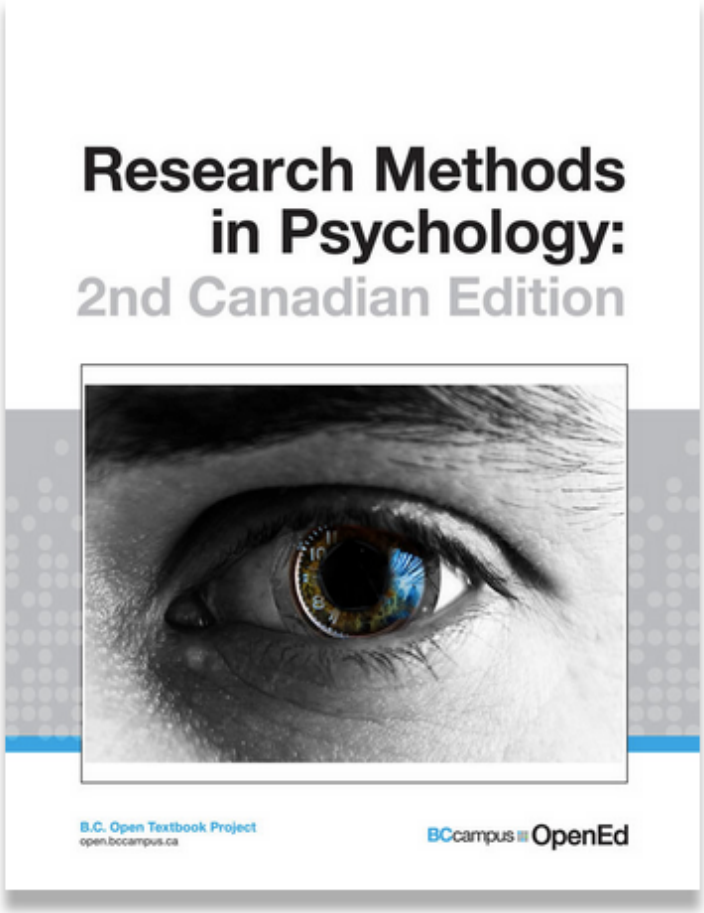
open.bccampus.ca

RESEARCH METHODS IN PSYCHOLOGY

Paul C. Price, Rajiv S. Jhangiani, and I-Chant A. Chiang

Second Canadian Edition

READ



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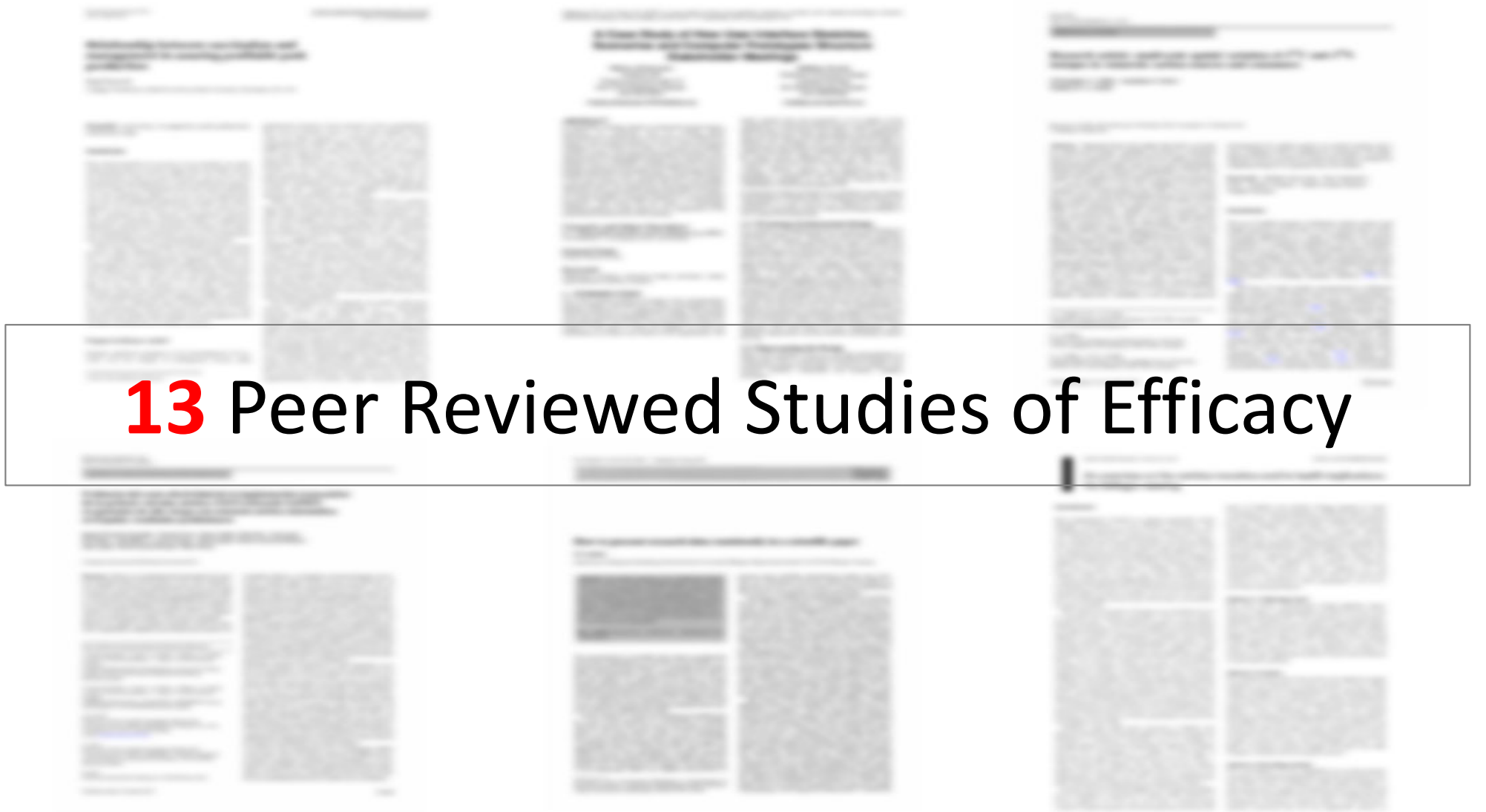

13 Peer Reviewed Studies of Efficacy

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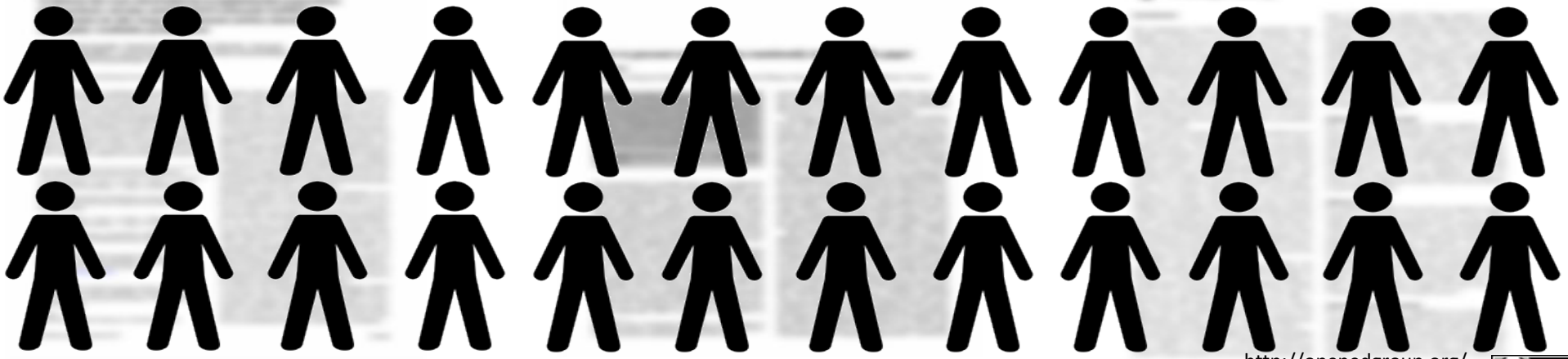
119,720 Students



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95% Same or Better Outcomes

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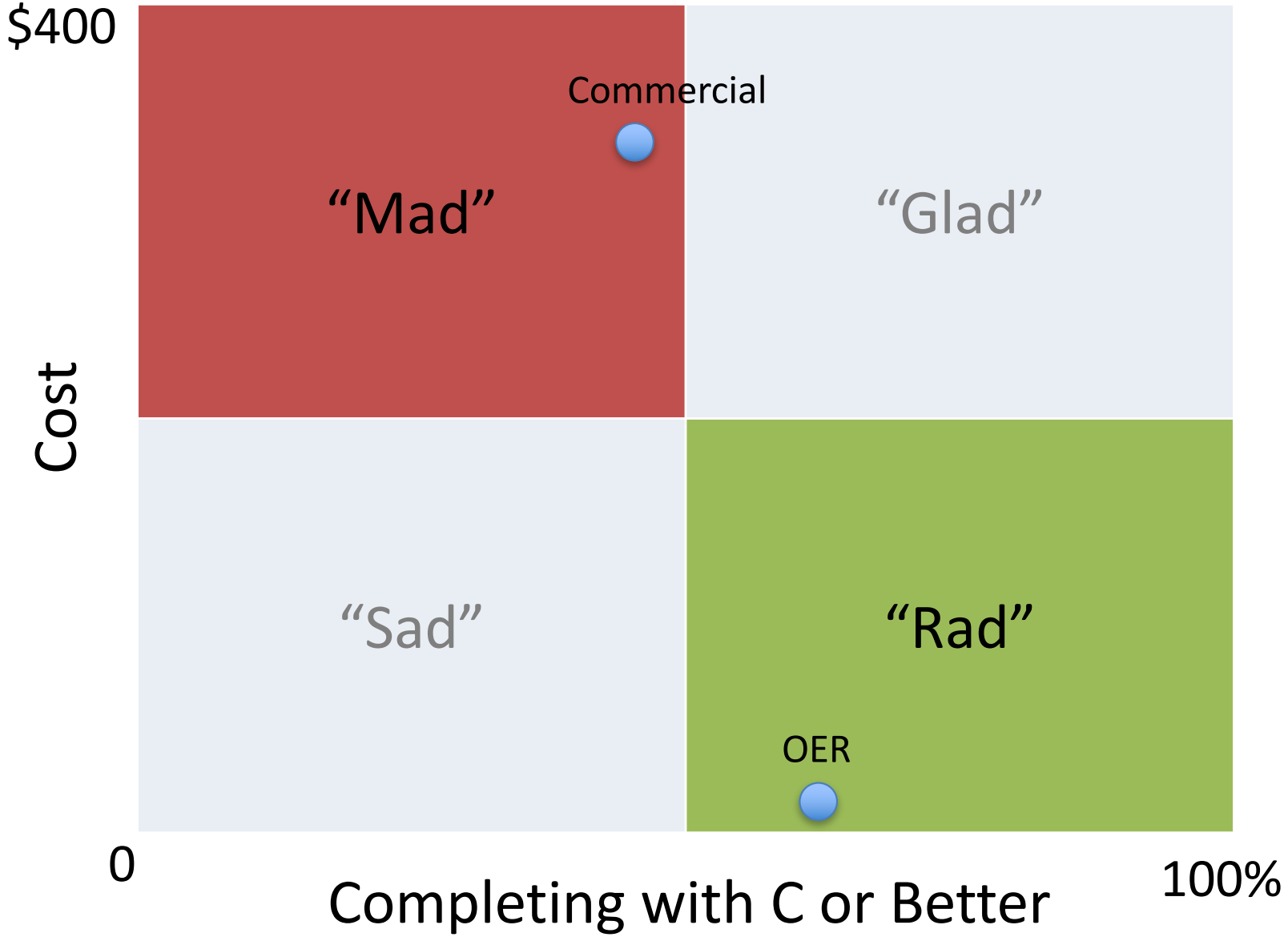
openedgroup.org/review

Fischer et al. (2015)

- Quasi-experimental design
- Propensity-score matched groups
- 16,727 students taking 15 courses at 10 institutions
- OER students:
  - Lower withdrawal rates
  - More likely to pass with a C- or better
  - Enrolled in more courses (current & subsequent semesters)

Fischer, L., Hilton, J., Robinson T. J., & Wiley, D. (2015). A multi-institutional study of the impact of open textbook adoption on the learning outcomes of post-secondary students. *Journal of Computing in Higher Education, 27*(3), 159-172. doi:10.1007/s12528-015-9101-x

Student Success per Dollar



I personally really like the convenience of having the complete set of chapters on my computer and even accessible from my phone if I need it. I like that I don't have to lug around another text book

I would not have bought the text book for this course because it's an elective. I would have possibly walked away with a C, now I might actually get an A-

It's free and it's a great money saver

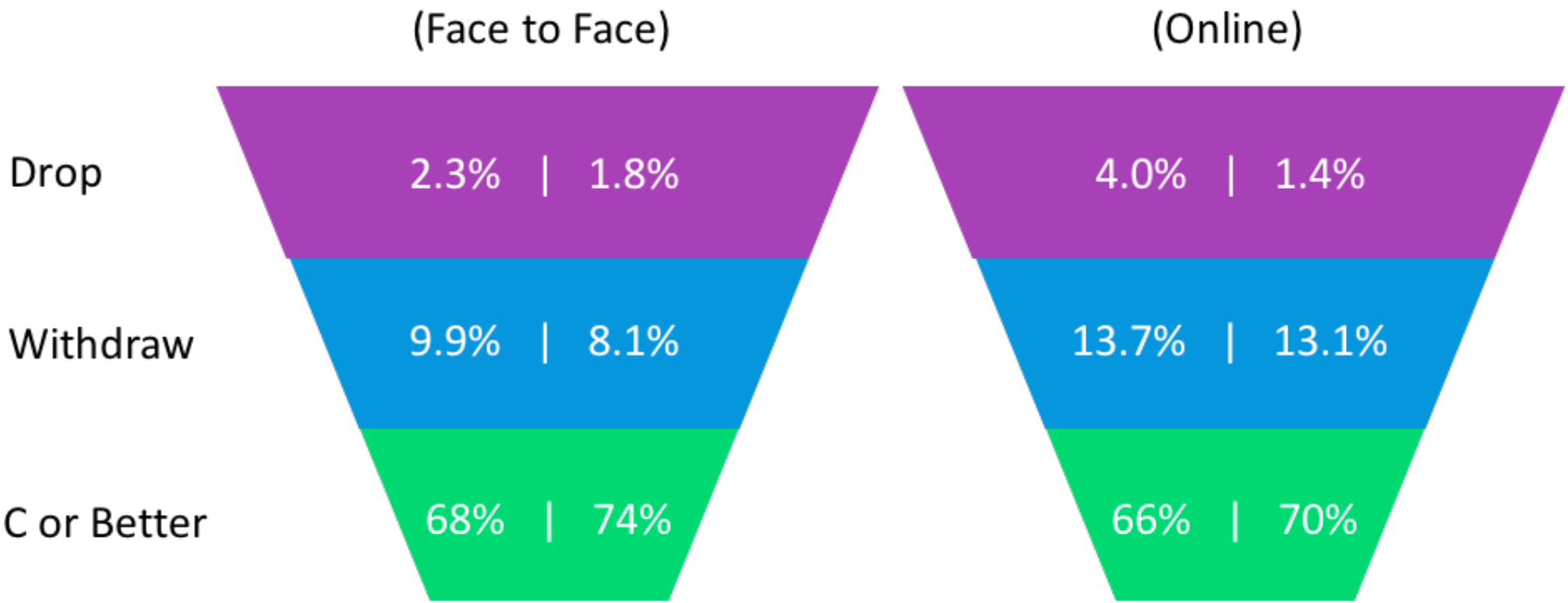
It is easily accessible and convenient.
Material is easy to understand and follow

Z-DEGREE

Decreased cost to graduate by **25%**

Increased pedagogical flexibility

Commercial vs. OER



Hilton et al. (2016)

Achieving the Dream Launches Major National Initiative to Help 38 Community Colleges in 13 States Develop New Degree Programs Using Open Educational Resources

OER Degree Initiative will accelerate use of openly licensed learning materials in higher education and cut costs to students while improving degree and certificate completion

SAN FRANCISCO—June 14, 2016—The national community college reform network Achieving the Dream (ATD) today announced the largest initiative of its kind to develop degree programs using high quality open educational resources (OER). The initiative—which involves 38 community colleges in 13 states (see attached list of participating colleges)—is designed to help remove financial roadblocks that can derail students' progress and to spur other changes in teaching and learning and course design that will increase the likelihood of degree and certificate completion.

The annual costs of textbooks are about $1,300 per year for a full-time community college student and amount to about a third of the cost of an Associate's degree. This cost, research shows, is a significant barrier to college completion. Students who don't complete college are over 50 percent more likely than those who graduated to cite textbook costs as a major financial barrier, according to a study by the research firm Public Agenda.

Posted On:
June 14, 2016

Topics
Knowledge Sharing,
Student-Centered Supports

Zed Cred initiative

KPU | KWANTLEN POLYTECHNIC UNIVERSITY

Certificate of Arts (30 credits)

THOMPSON RIVERS UNIVERSITY

Certificate of General Studies (30 credits)

JUSTICE INSTITUTE of BRITISH COLUMBIA

Law Enforcement Studies Diploma (60 credits)

LiDA101

oeru.org

Startup Course guide Interactions Learning pathways Assessment

Digital literacies for online learning

OERu

Register

Step 1: As an open course, you can access all the learning resources on this course site without a password. Register to receive course announcements via email (click on the graphic above). You will also need to login with your account credentials to post on WENotes, or participate in course discussions on forums.oeru.org.

REGISTER

Orient

Step 2: Explore the course website to find out what the course is about, what is required and where the syllabus, course materials and learning challenges are located. Complete your orientation by establishing your own personal learning environment and declaring yourself to the group using your own course blog.

START HERE SYLLABUS

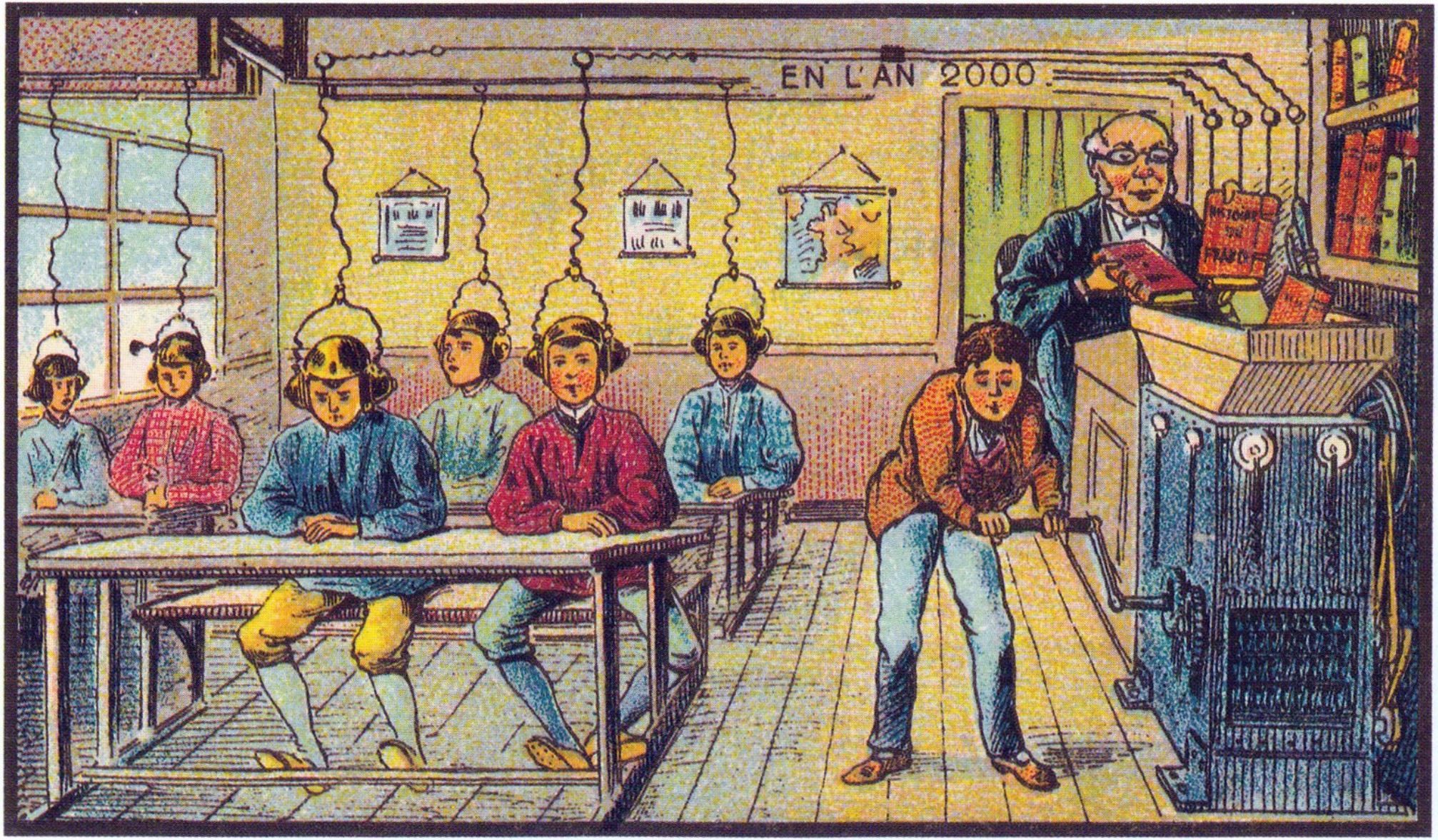
Study

Step 3: Commence your study from the syllabus page. You can study at your own pace or follow the course with the group. Instructions are posted on the announcements page and you can monitor live interactions from the course feed.

ANNOUNCEMENTS COURSE FEED

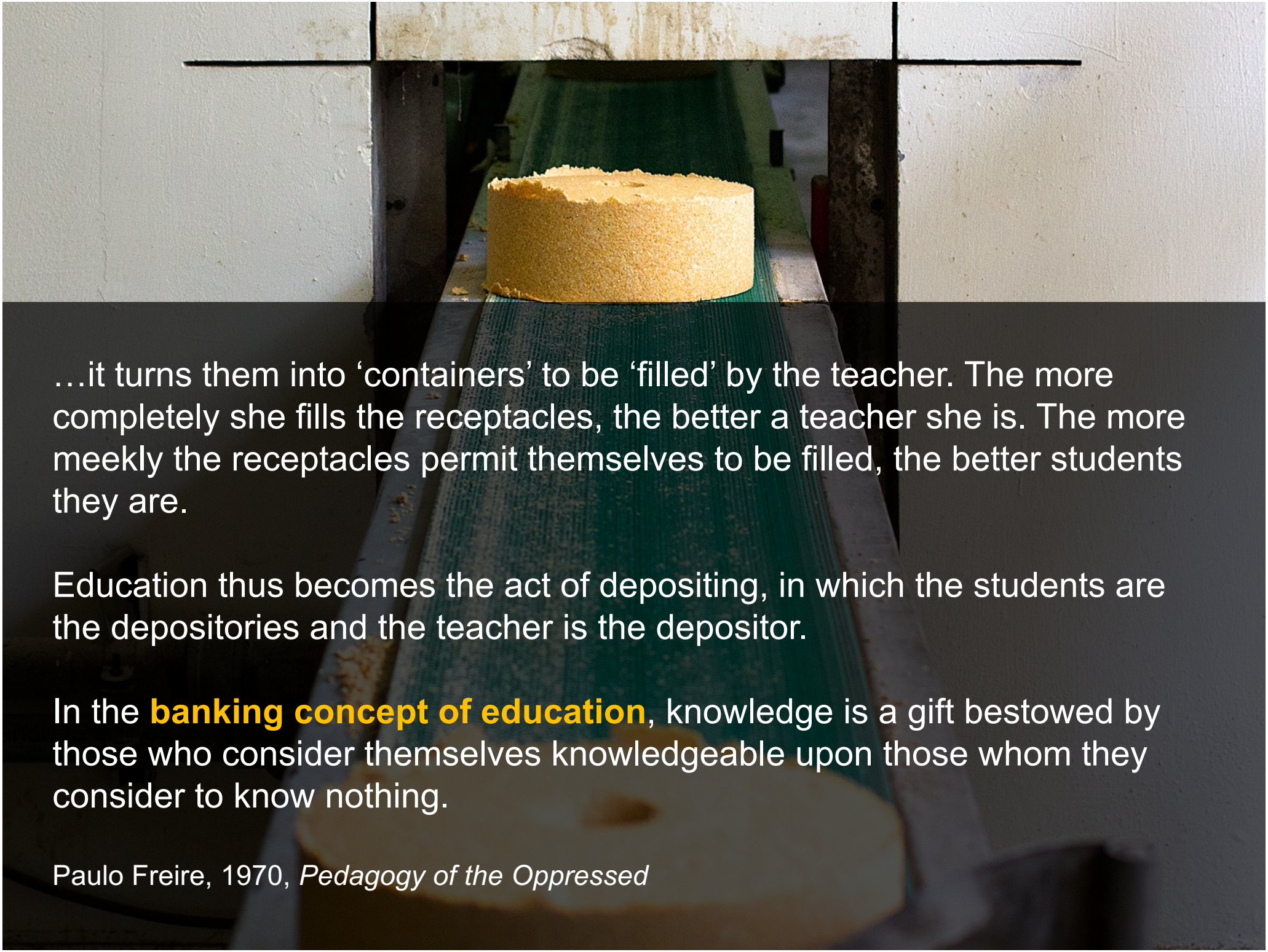
It’s not only about access to knowledge.

It’s about access to **knowledge creation**.



At School

"France in 2000 year (XXI century). Future school." by Jean Marc Cote is in the Public Domain



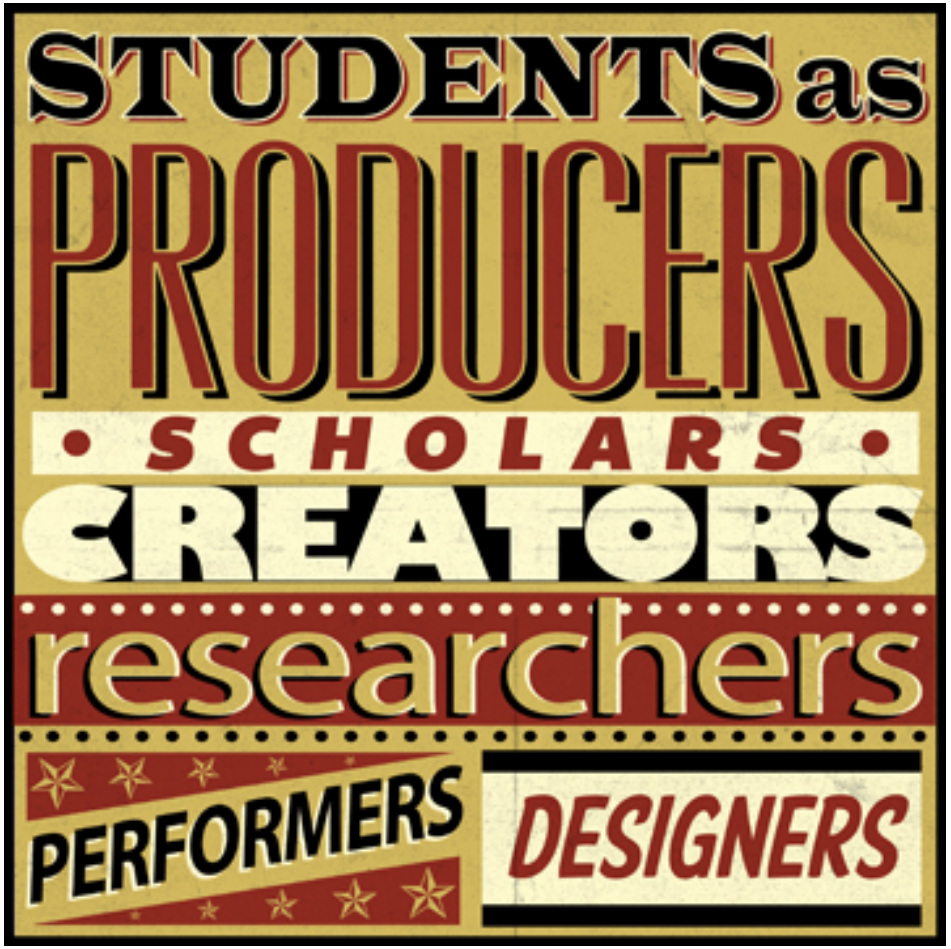
…it turns them into ‘containers’ to be ‘filled’ by the teacher. The more completely she fills the receptacles, the better a teacher she is. The more meekly the receptacles permit themselves to be filled, the better students they are.

Education thus becomes the act of depositing, in which the students are the depositories and the teacher is the depositor.

In the **banking concept of education**, knowledge is a gift bestowed by those who consider themselves knowledgeable upon those whom they consider to know nothing.

Paulo Freire, 1970, *Pedagogy of the Oppressed*

Spring Arrow
Spring Water
AQUAFINA


STUDENTS as
PRODUCERS
• SCHOLARS •
CREATORS
researchers
PERFORMERS
DESIGNERS

Wikipedia

The Free Encyclopedia

As part of university course work, Dr. Amin Azzam's medical students edit and improve CC-licensed Wikipedia articles that are viewed more than 22 million times over the year.

Dr Amin Azzam by Kathleen Krushas is licensed CC BY 4.0

PROJECT MANAGEMENT FOR INSTRUCTIONAL DESIGNERS

ABOUT PM4ID

Project Management for Instructional Designers (PM4ID) is – as the name suggests – a book about project management tailored specifically for instructional designers. This book is a revise / remix of a pre-existing, openly licensed project management textbook which was donated to the commons by a benefactor that desires to be attributed as Anonymous.

PM4ID includes many new features and improvements to the original book, including:

- Alignment of book chapters with the PMBOK, which supports readers in preparing for the Project Management Professional certification,
- A series of video cases of project managers working in the instructional design area, integrated into every chapter,
- Multiple versions of the book, including HTML, PDF, ePub, Kindle, and a text-to-speech mp3 audio version of the book,
- New examples written specifically for readers coming from the instructional design perspective,
- and more.

TABLE OF CONTENTS

About PM4ID
1 Introduction to Project Management
2 Project Profiling
3 Project Phases and Organization
4 Understanding and Meeting Client E
5 Working with People on Projects
6 Communication Technologies
7 Starting a Project
8 Project Time Management
9 Costs and Procurement
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THE OPEN ANTHOLOGY OF EARLIER AMERICAN LITERATURE

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Bite-sized Investigations into Earth' s Challenges, written by Buckeyes

This book was written by undergraduate students at The Ohio State University (OSU) who were enrolled in the class Introduction to Environmental Science. The chapters describe some of Earth's major environmental challenges and discuss ways that humans are using cutting-edge science and engineering to provide sustainable solutions to these problems.

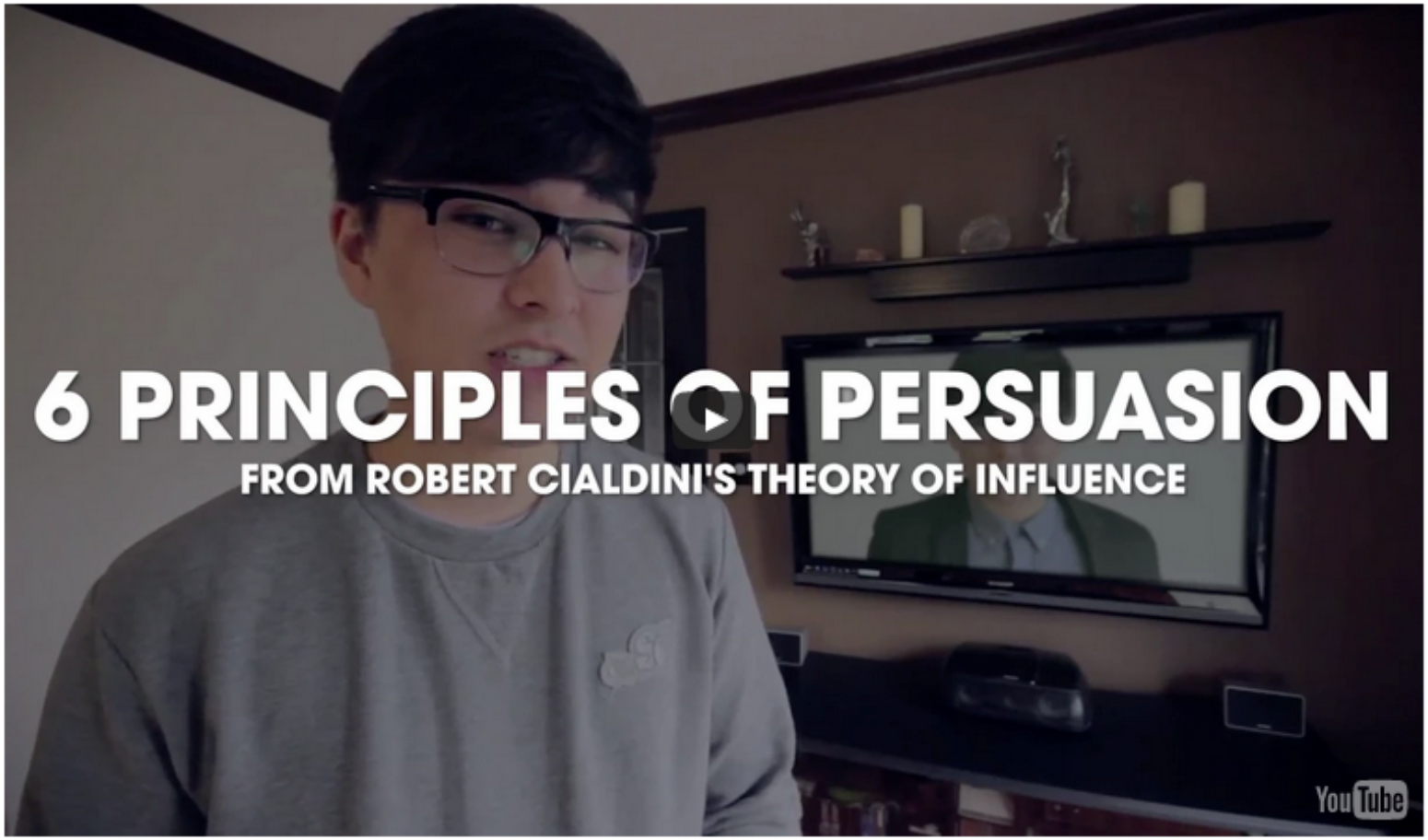
Interested to see the 2014 winners? Go here

First Place Award - $6,000

The Principles of Persuasion

Kyle Ball and Brandon Do
Simon Fraser University – Burnaby, British Columbia, Canada

> Once we began to create our video on aspects of the 'Persuasion: So Easily Fooled' module, we were motivated by the knowledge that our video had the potential to teach others about the topic. We learned a lot in researching and reading about the topic of persuasion, and we hope our video continues to spread the knowledge and inspire others to want to learn more. Even after the production of the video had concluded we began to notice the principles we discussed in advertisements as we looked around. The creation and continued result is a fascinating thing and we are so glad to have participated.



KENT STATE UNIVERSITY

Kent State Online
Office of Continuing & Distance Education

Assignment Type: Op-Ed

What is it

OpEd, short for Opposite the Editorial, is a newspaper opin
contributors not affiliated with the editorial board. Limite
700 to 1200 words, writing and getting published is no eas
type of real-world writing skill students need to flourish in

Why use it

The purpose of an Op-Ed is to sway public opinion and change minds using convincing argument and presenting it in a concise, readable way. An Op-Ed is a demanding assignment and would be relevant to many courses. An Op-Ed is an assignment that mirrors "real word" applications outside the classroom. A submission must be well written and polished in order to be published in newspapers.

How to use it

An OpEd makes an excellent assignmen
assignments where you would normall
backed up by facts. Provide instruction
teaching website. Consider using peer r
usually the ones to decide the fate of Op
critiquing their peer's Op-Eds, students can often see the flaws in their own.

Resources

Information on Creating Op-Eds

- Instructions for Using an Op-Ed
- 5 Easy Steps to Writing an Op-Ed
- New York Times Instructions of Op-Eds

Examples of OpEds

Finding examples is easy. Search any large newspaper, and many local ones. If you have ever had an OpEd published, that is a good place to start.

- Betrayed by Obama – OpEd Example
- A critique of an OpEd

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DAILY HAMPSHIRE GAZETTE

Opinion > Columns

Ursa Heidinger: Concerns about appointment of DeVos

Ursa Heidinger, of Westhampton, is a first-year student at Columbia University in New York City.

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BRITISH AIRWAYS

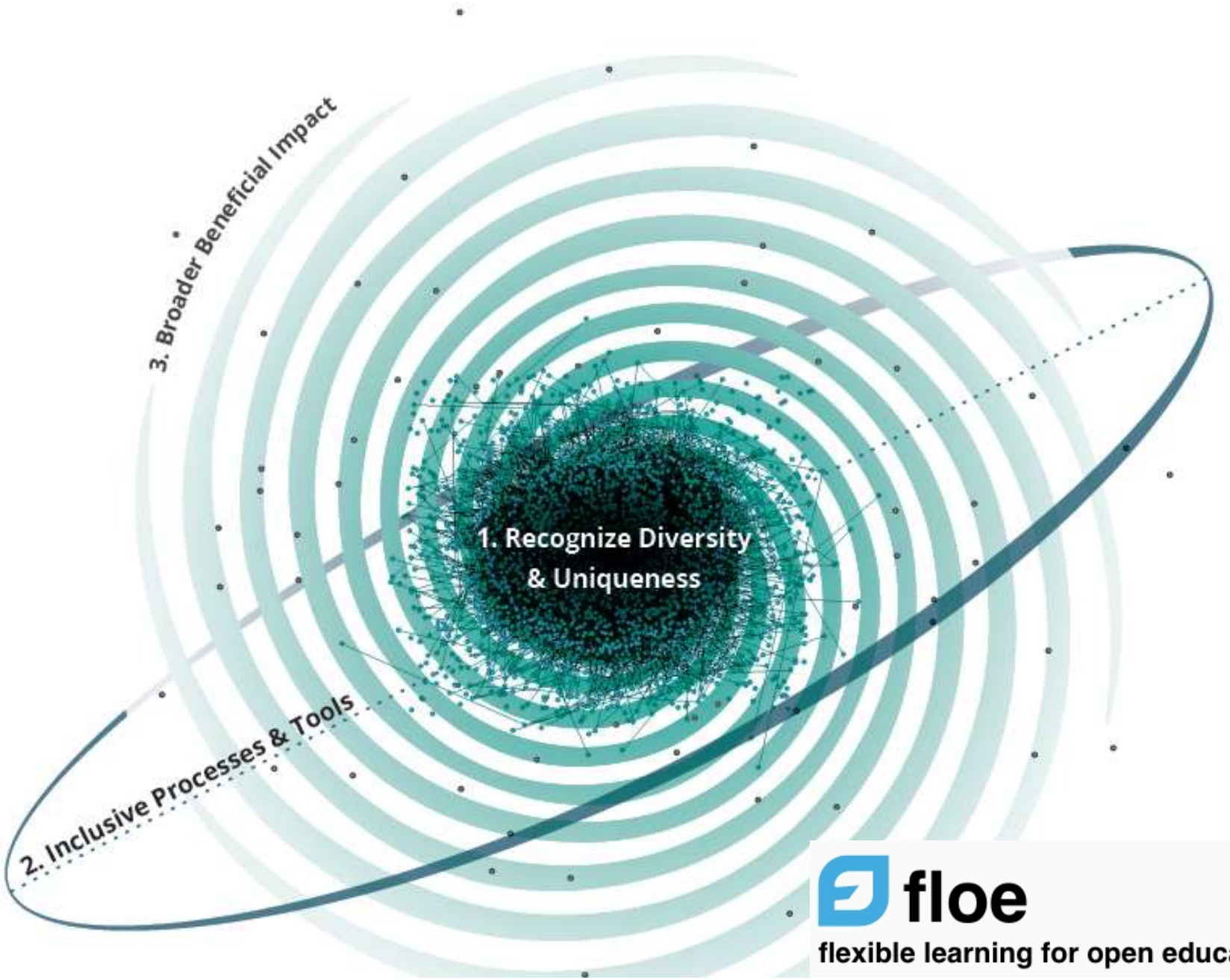
SUSTAINABLE DEVELOPMENT GOALS

Jeremy Bishop
Open
"This is, fundamentally, about the dream of a public learning commons, where learners are empowered to shape the world as they encounter it."
—Robin DeRosa & Rajiv Jhangiani

Sometimes Open Needs a Push by Alan Levine is in the Public Domain, CC0

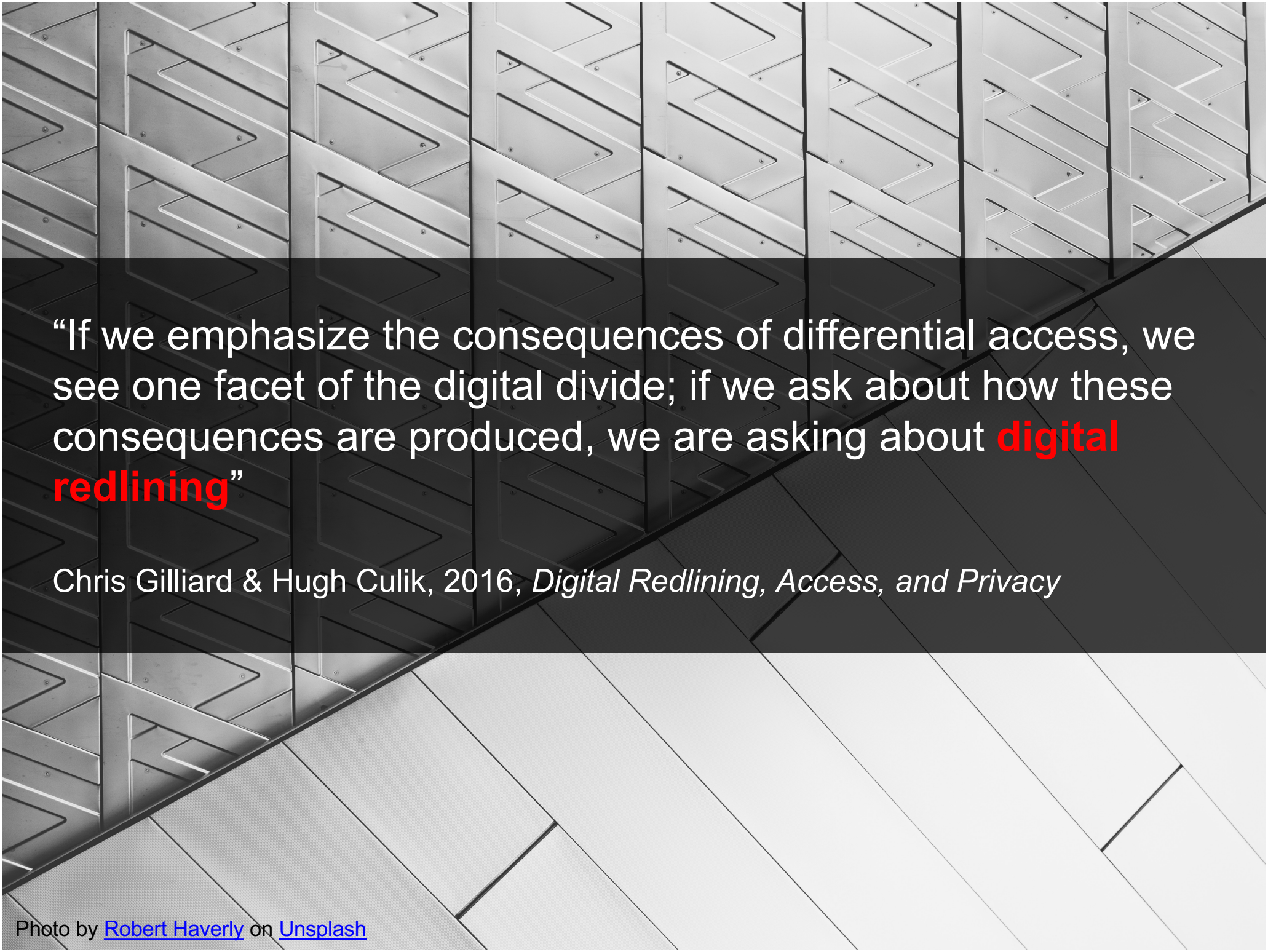
INCLUSIVE DESIGN

3 Dimensions



floe

flexible learning for open education


“If we emphasize the consequences of differential access, we see one facet of the digital divide; if we ask about how these consequences are produced, we are asking about digital redlining”
Chris Gilliard & Hugh Culik, 2016, *Digital Redlining, Access, and Privacy*
Photo by Robert Haverly on Unsplash

There is no such thing as harmless collection of data. Or benevolent collection of data. Much of what we collect could be used in ways we do not want it to be used, to harm or imperil our students.

This disproportionately affects our most vulnerable students. Low-income students, students of color, LGTBQ+ students, students who are immigrants…their data are most at risk to surveillance, discrimination. And many of our vulnerable students are less likely to have experience with digital literacy skills.

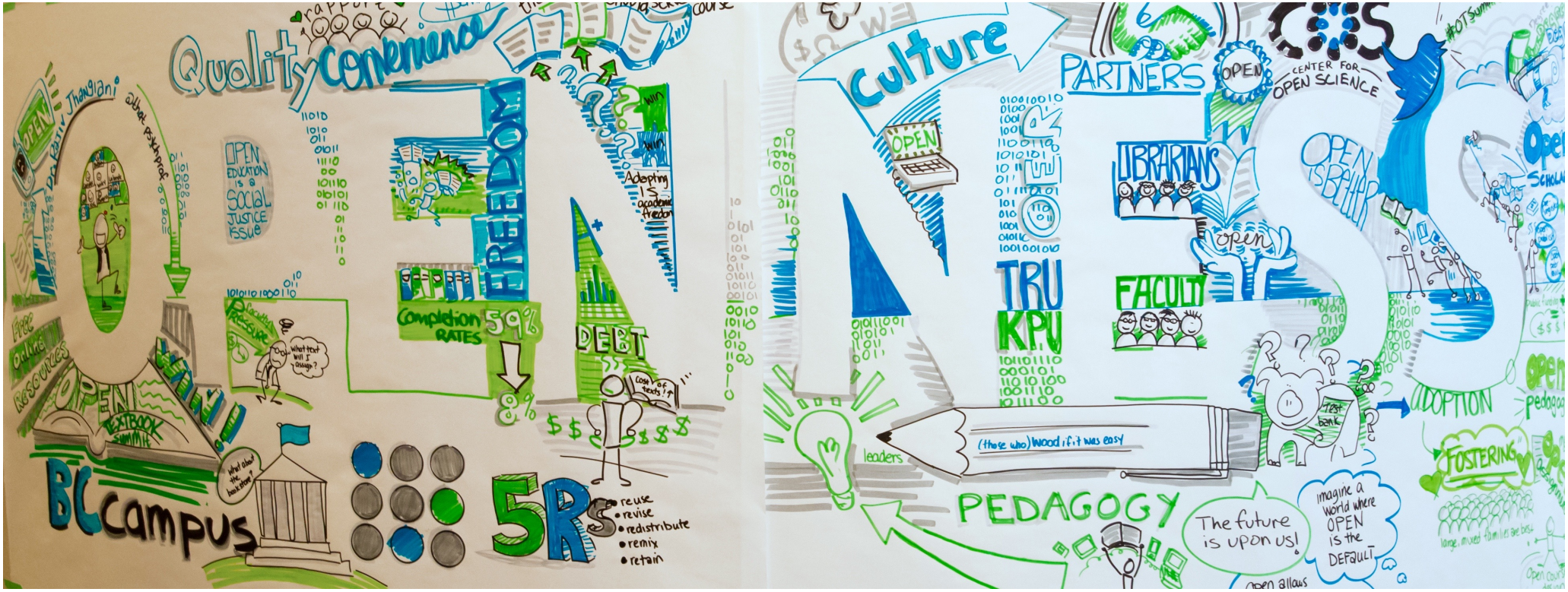
Amy Collier, 2017, *Platforms in Education: A Need for Criticality and Hope*

Photo by Markus Spiske on Unsplash

Openwashing

Openwashing: to spin a product or company as open, although it is not. Derived from 'greenwashing.' Michelle Thorn

Openwashing: n., having an appearance of open-source and open-licensing for marketing purposes, while continuing proprietary practices. Audrey Watters



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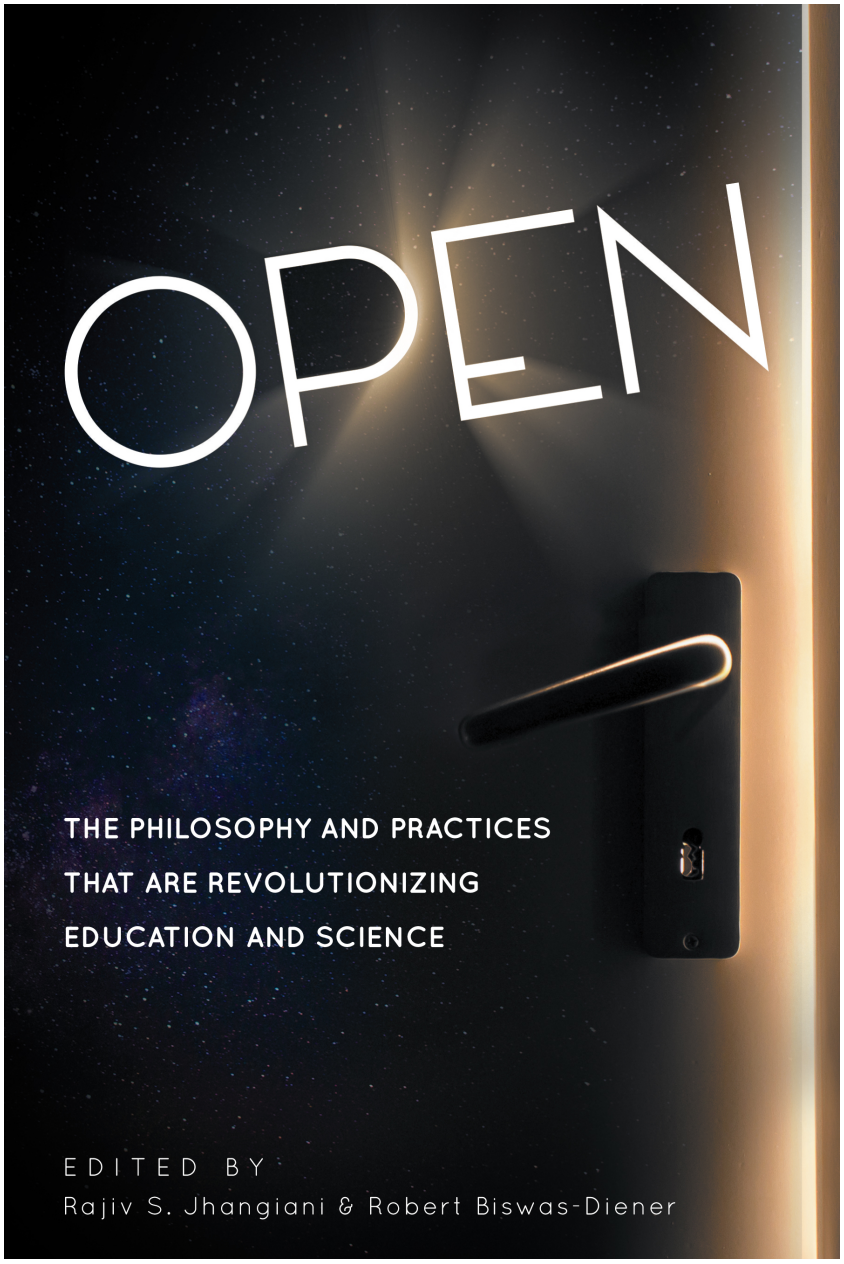

bit.ly/openbookproject

rajiv@kpu.ca

@thatpsychprof

www slideshare.net/thatpsychprof