Serving SOCIAL JUSTICE & PEDAGOGICAL INNOVATION with OPEN EDUCATIONAL PRACTICES

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@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
Higher education replicates and reinforces existing power structures.
"higher education shall be accessible to all"
# Breakdown of Your Costs per Year

In Canadian currency

<table>
<thead>
<tr>
<th>Educational costs (First year course load - 30 credits)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$5,189.70</td>
</tr>
<tr>
<td>Student fees</td>
<td>$1,019.87</td>
</tr>
<tr>
<td>Books/supplies</td>
<td>$2,080.00</td>
</tr>
<tr>
<td><strong>Educational costs subtotal</strong></td>
<td><strong>$8,289.57</strong></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Basic living costs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing [i]</td>
<td></td>
</tr>
<tr>
<td>Rent</td>
<td>$5,214.00</td>
</tr>
<tr>
<td>Utilities</td>
<td>$0.00</td>
</tr>
<tr>
<td>Home insurance</td>
<td>$0.00</td>
</tr>
<tr>
<td>Food and groceries [i]</td>
<td></td>
</tr>
<tr>
<td>Startup costs [i]</td>
<td></td>
</tr>
<tr>
<td>Health Insurance BC [i]</td>
<td></td>
</tr>
<tr>
<td>Personal care [i]</td>
<td></td>
</tr>
<tr>
<td><strong>Basic living costs subtotal</strong></td>
<td><strong>$11,889.28</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other costs [i]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone and internet</td>
<td>$960.00</td>
</tr>
<tr>
<td>Hobbies and recreation</td>
<td>$480.00</td>
</tr>
<tr>
<td>Clothing</td>
<td>$480.00</td>
</tr>
<tr>
<td><strong>Other costs subtotal</strong></td>
<td><strong>$1,920.00</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated total cost per year</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>$22,098.85</strong></td>
</tr>
</tbody>
</table>
$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
Average debt by impact of debt on future plans

Source: Canadian University Survey Consortium, 2015 graduating university student survey
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
More post-secondary students using food banks in Ontario: Hunger Report

University Students and Grads Are Using Food Banks More Than Ever

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

Published on: July 26, 2015 | Last Updated: July 26, 2015 11:32 PM MST
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
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)
66.5% Do not purchase a req'd textbook
47.6% Take fewer courses
45.5% Do not register for a specific course
37.6% Earn a poor grade
26.1% Drop a course
19.8% Fail a course

OPEN EDUCATIONAL RESOURCES
The Count of Monte Cristo, Illustrated by Alexandre Dumas
open.bccampus.ca
13 Peer Reviewed Studies of Efficacy

http://openedgroup.org/
119,720 Students

http://openedgroup.org/
95% Same or Better Outcomes

http://openedgroup.org/
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)

Student Success per Dollar

- Mad
- Glad
- Sad
- Rad

Cost

$400

Completing with C or Better

0

100%

Commercial

OER
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.
The Z-Degree: Removing Textbook Costs as a Barrier to Student Success through an OER-Based Curriculum

- Decreased cost to graduate by 25%
- Increased pedagogical flexibility
Commercial vs. OER

(H Face to Face)

Drop: 2.3% | 1.8%
Withdraw: 9.9% | 8.1%
C or Better: 68% | 74%

(Online)

Drop: 4.0% | 1.4%
Withdraw: 13.7% | 13.1%
C or Better: 66% | 70%

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.
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)

open.bccampus.ca
Digital literacies for online learning

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.

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.

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.
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*
Students as
Producers
Scholars
Creators
Researchers
Performers
Designers
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.
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.
THE OPEN ANTHOLOGY OF EARLIER AMERICAN LITERATURE

Robin DeRosa

An OER Anthology of Earlier American Literature, to 1899
Environmental ScienceBites

Edited by Kylienne A. Clark, Travis R. Shaul, and Brian H. Lower


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.
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.

6 PRINCIPLES OF PERSUASION
FROM ROBERT CIA LDINI'S THEORY OF INFLUENCE
Assignment Type: Op-Ed

What is it
OpEd, short for Opposite the Editorial, is a newspaper opinion column written by contributors not affiliated with the editorial board. Limited to 700 to 1200 words, writing and getting published is no easy 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 world” 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 assignment to incorporate into assignments where you would normally have students back up their assertions with facts. Provide instructions on the teaching website. Consider using peer reviews, usually the ones to decide the fate of Op-Eds. By this step of 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 Op-Eds
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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Ursa Heidinger: Concerns about appointment of DeVos

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

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

Openwashing: n., having an appearance of open-source and open-licensing for marketing purposes, while continuing proprietary practices. Audrey Watters
OPEN
THE PHILOSOPHY AND PRACTICES
THAT ARE REVOLUTIONIZING
EDUCATION AND SCIENCE
EDITED BY
Rajiv S. Jhangiani & Robert Biswas-Diener

bit.ly/openbookproject