



The Impact of Open

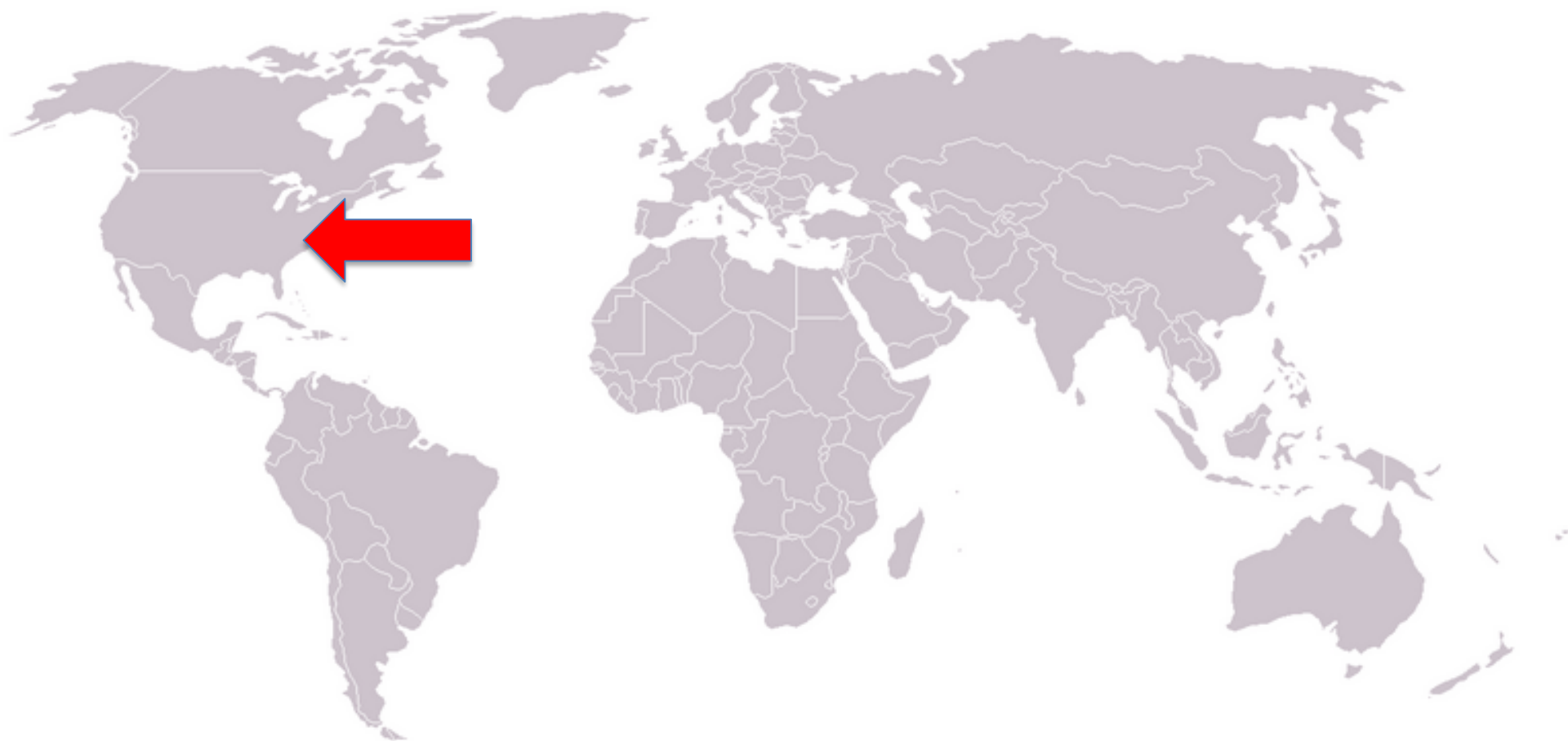
- Amanda Coolidge
- Mount Royal University
- November 9, 2016

@acoolidge



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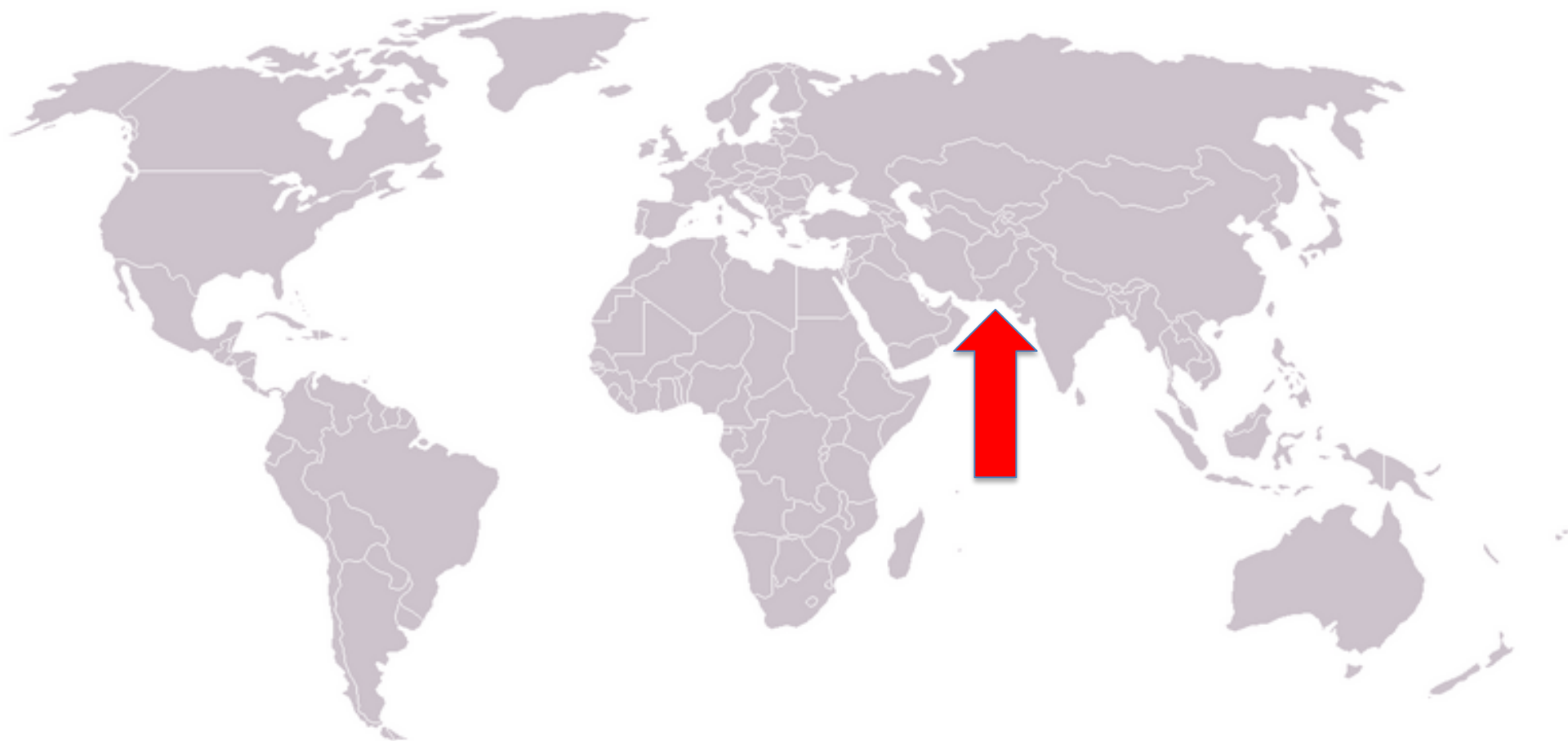
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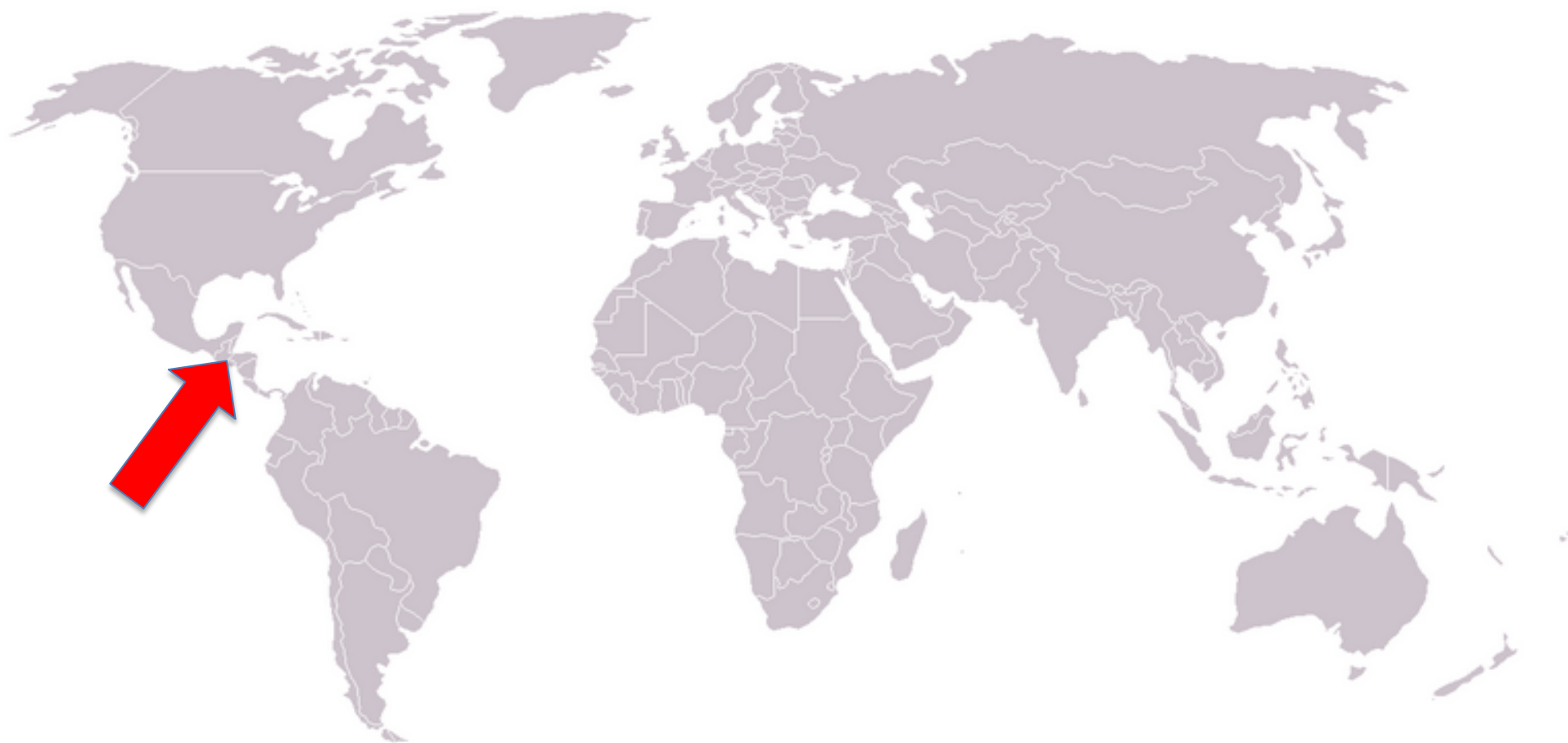


[800px blank map of the world](#), CC BY NC

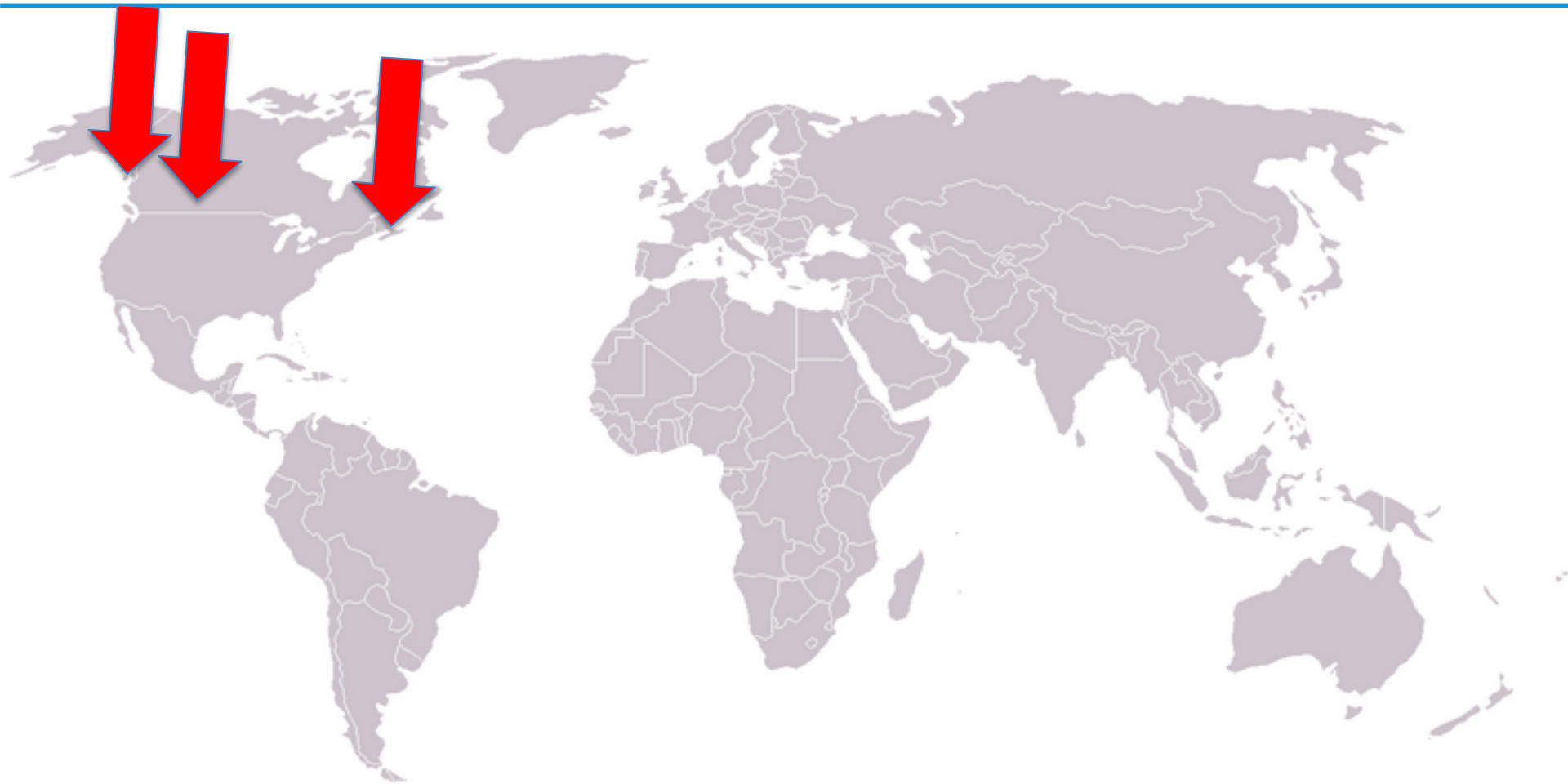














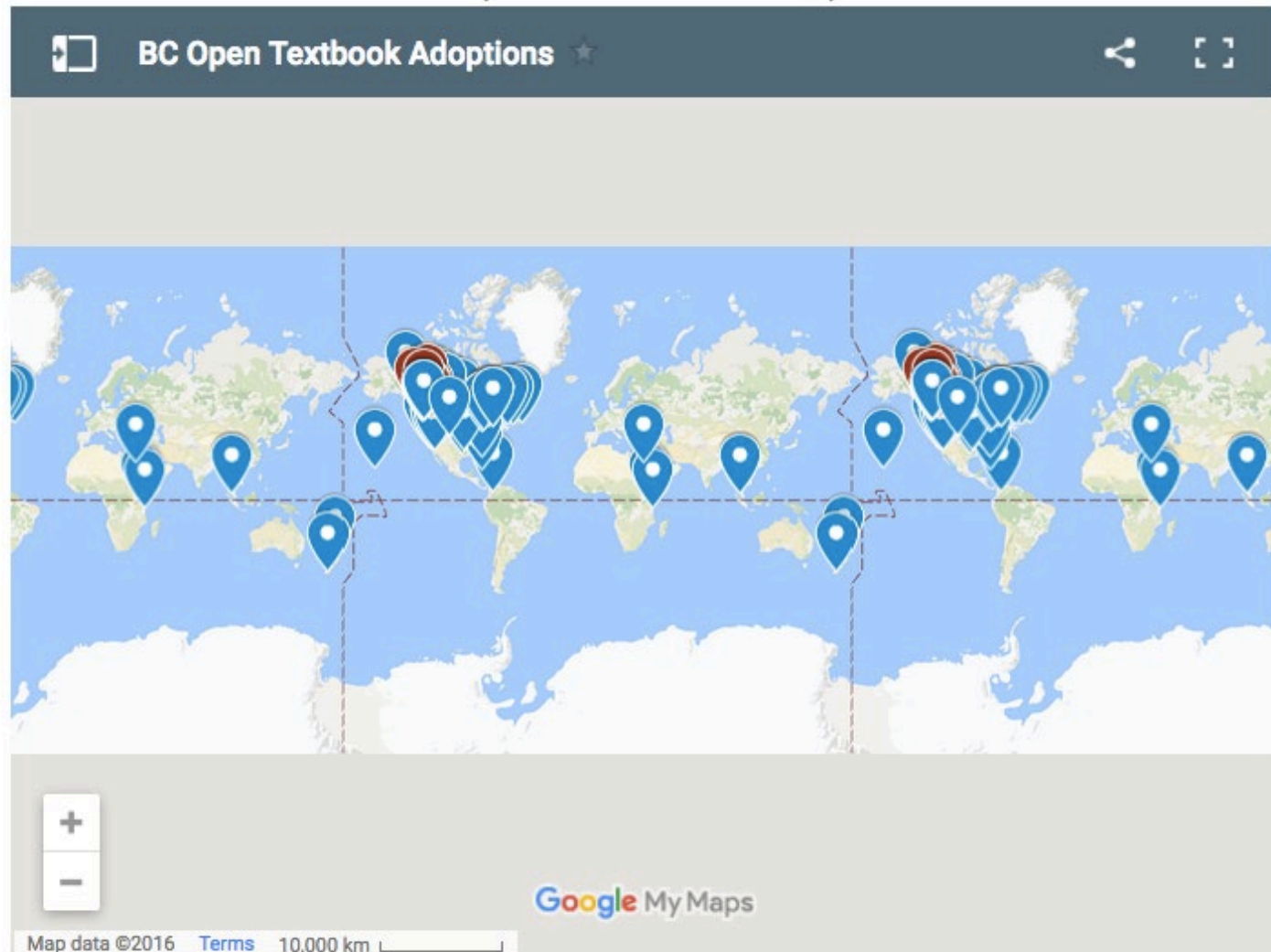


J. Żołnierkiewicz - <http://www.solidarnosc.gov.pl/index.php?document=48>, public domain



BC Open Textbook Adoptions Around the World

The following is a map of all of the locations of the known adoptions of the BC Open Textbooks collection. To view the entire BC Open Textbook collection, please [click here](#).





Impact



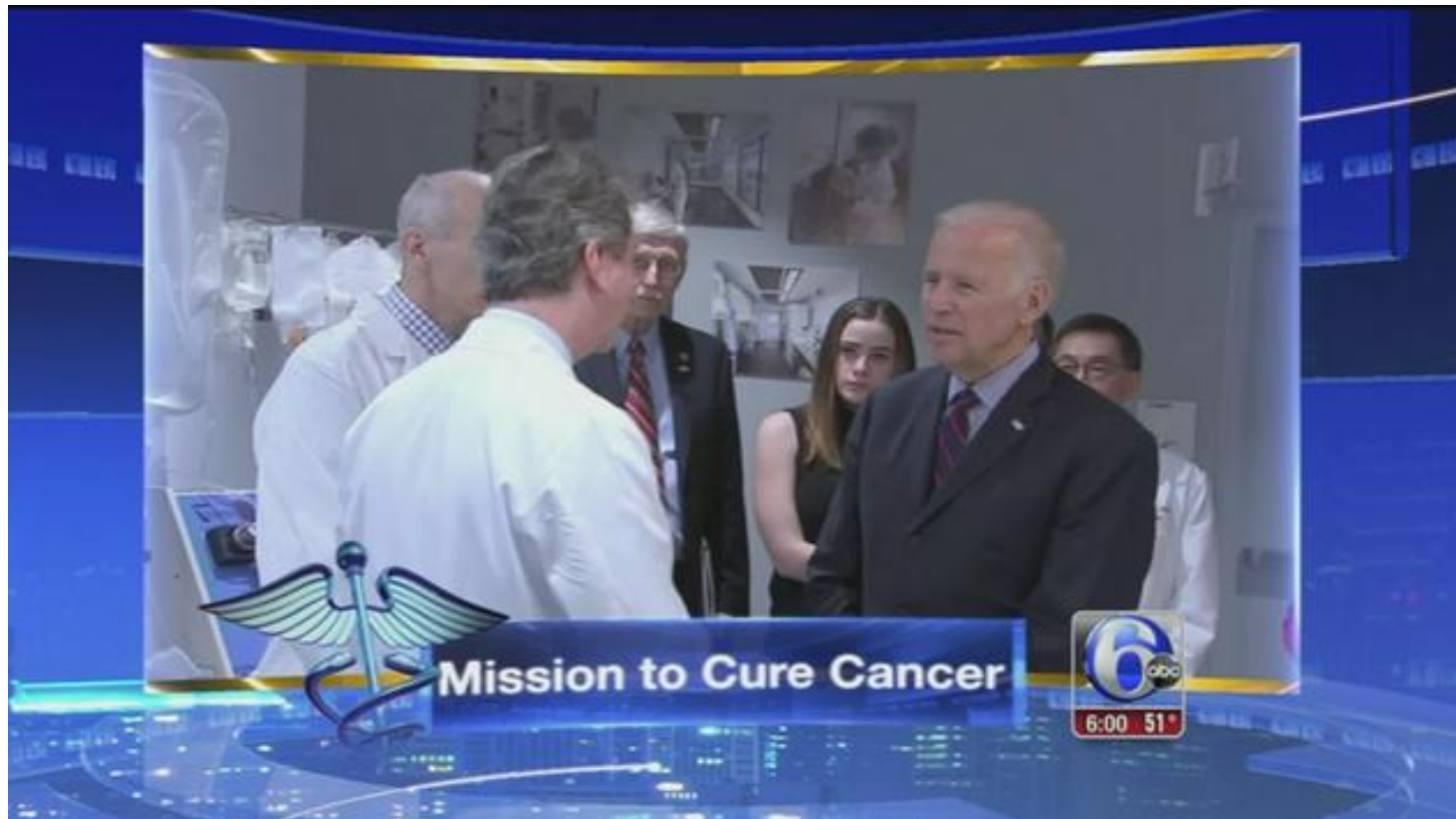
The NEW ENGLAND JOURNAL of MEDICINE



SPRINGER NATURE



CANCER MOONSHOT







We measure our success in access.

Since 2012, OpenStax has saved students \$155 million and counting by offering free, peer-reviewed textbooks for the highest-enrollment college courses. Meet the schools who've adopted OpenStax and some of the students who've benefited from free access to the learning materials they need to succeed.



Dr. Takashi Sato Physics KPU

Students: 60

Previous Textbook: \$187

OpenStax Textbook: \$0

Student savings: \$11,200

1 class 1 institution 1 term





Knowledge is power.



Sharing is powerful.



“I think we’re in a golden period where people want to talk to each other. If we can make sure that the funding and the energy goes to support open sharing, there is a lot of upside. You can’t really get that good at it in a vacuum...”

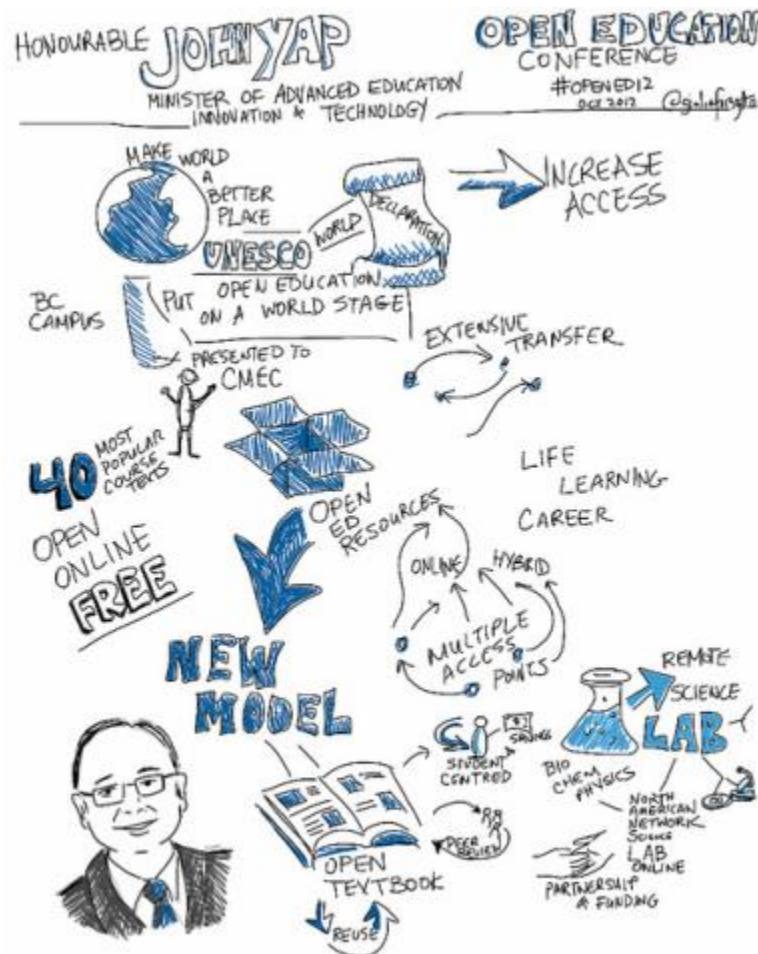
- MIT Media Lab
Director Joi Ito





Sharing is powerful.
Community
Collaboration

BC Open Textbook Project



Honourable John Yap, Minister of Advanced Education, Innovation and Technology and Minister Responsible for Multiculturalism

BEYOND CONTENT

OPEN EDUCATION CONFERENCE · OCTOBER 16-18, 2012 · VANCOUVER, BRITISH COLUMBIA

40 free & Open Textbooks for highest enrolled 1st & 2nd year post-secondary subjects in BC
2014 – 20 for skills & training

First province in Canada
2014 – AB & SASK MOU

\$1 million
2014 - \$1 million

[Visual notes of John Yap announcement](#), Giulia Forsythe Used under CC-SA license


open.bccampus.ca

BCcampus :: OpenEd
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Why are we doing this project?

A woman is sitting cross-legged on a green golf course. Behind her, large red letters spell out the word "ACCESS". In the background, there are trees and a building.

ACCESS

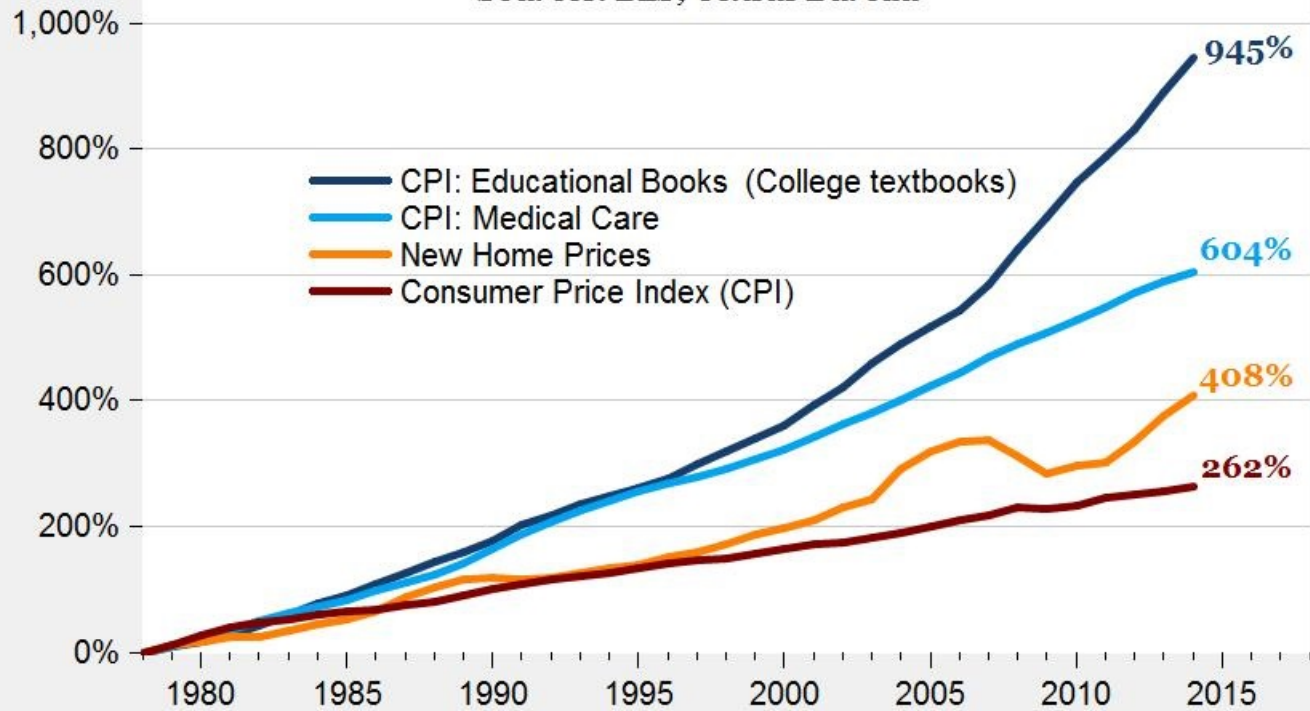
To increase access to higher education by **reducing student costs**
To give **faculty more control** over their instructional resources
To **improve learning outcomes** for students

[Annie Lennox campaigns with Oxfam at the AIDS Conference](#) by Oxfam used under CC-BY-NC-ND license



Annual Percent Changes From 1978 for Educational Books, Medical Care, New Home Prices, and the CPI through 2014


Sources: BLS, Census Bureau



Carpe Diem **AEI**

<https://www.aei.org/publication/the-new-era-of-the-400-college-textbook-which-is-part-of-the-unsustainable-higher-education-bubble/>

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[Annie Lennox campaigns with Oxfam at the AIDS Conference](#) by Oxfam used under CC-BY-NC-ND license

Adapt Create

Don't wait for your students to
graduate to make a
contribution to society.

Why are we doing this project?

A woman is sitting cross-legged on a green golf course. Behind her, large red letters spell out the word 'ACCESS' on the grass. In the background, there are trees, a fence, and some buildings.

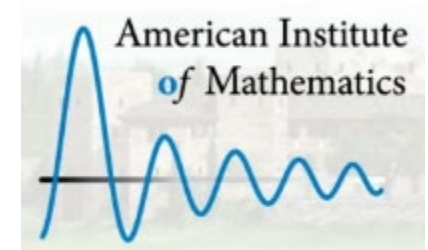
ACCESS

To increase access to higher education by **reducing student costs**
To give **faculty more control** over their instructional resources
To **improve learning outcomes** for students

[Annie Lennox campaigns with Oxfam at the AIDS Conference](#) by Oxfam used under CC-BY-NC-ND license



The Project



[Don't reinvent it](#) by Andrea Hernandez released under [CC-BY-NC-SA](#) and based on [Wheel](#) by Pauline Mak released under [CC-BY](#) license

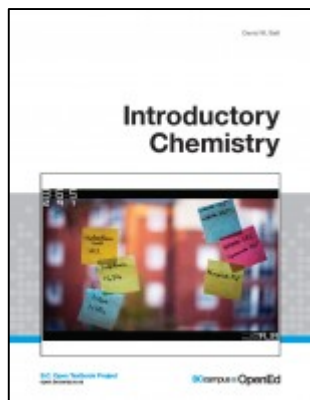
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Peer Reviewed





Reviews for 'Introductory Chemistry'

Number of reviews: 4

Average Rating:  3.65 out of 5

▼ 1. Reviewed by: [Marten Lettinga](#)

- **Institution:** Thompson Rivers University
- **Title/Position:** Lecturer
- **Overall Rating:**  3.7 out of 5
- **Date:** Sep 2, 2013
- **License:** 

Comprehensiveness

Content Accuracy

Relevance

Clarity

Consistency

Modularity

Q: Content is up-to-date, but not in a way that will quickly make the text obsolete within a short period of time. The text is written and/or arranged in such a way that necessary updates will be relatively easy and straightforward to implement

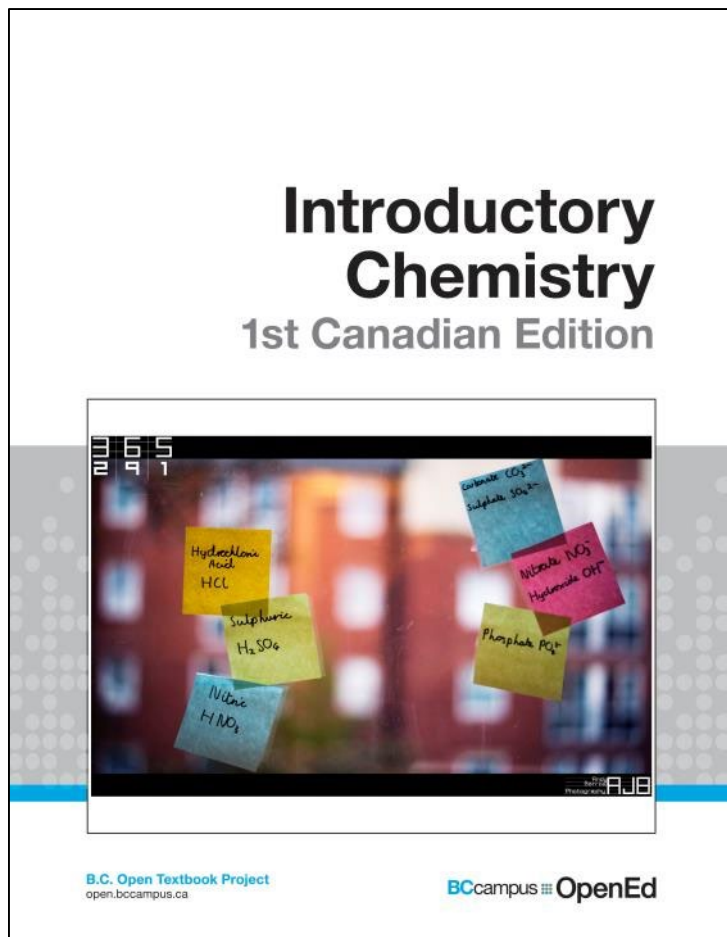
The content appears to be up to date. The textbook is unified around the theme of food chemistry. From time to time, any new discoveries in relation to food chemistry could easily be updated.

Relevance Rating: 4 out of 5



[291/365](#) by thebarrowboy used under a [CC-BY](#)

Reviews > Adaptations



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Happy Birthday Open Textbook Project/My Adventures Adapting a Chemistry Textbook



This is probably a very long overdue blog post, but as I am currently procrastinating from/avoiding the giant pile of marking on my desk I thought I should put it out there in the blog-o-verse.

[My Adventures Adapting a Chemistry Textbook](#)

New Creations

Ethics in Law Enforcement



B.C. Open Textbook Project
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BCcampus  OpenEd

Canadian History: Pre-Confederation



B.C. Open Textbook Project
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BC Open Textbook Project

B.C. in a Global Context



B.C. Open Textbook Project
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BCcampus  OpenEd

Geography Open Textbook Collective

Collection Today

168 Open
Textbooks

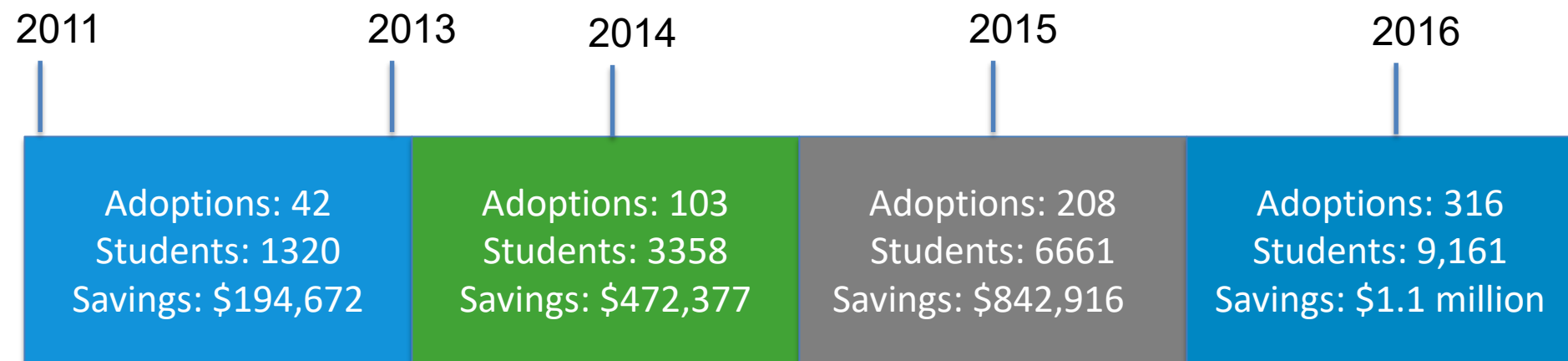
78 Peer
Reviewed

82 Ancillary
Resources

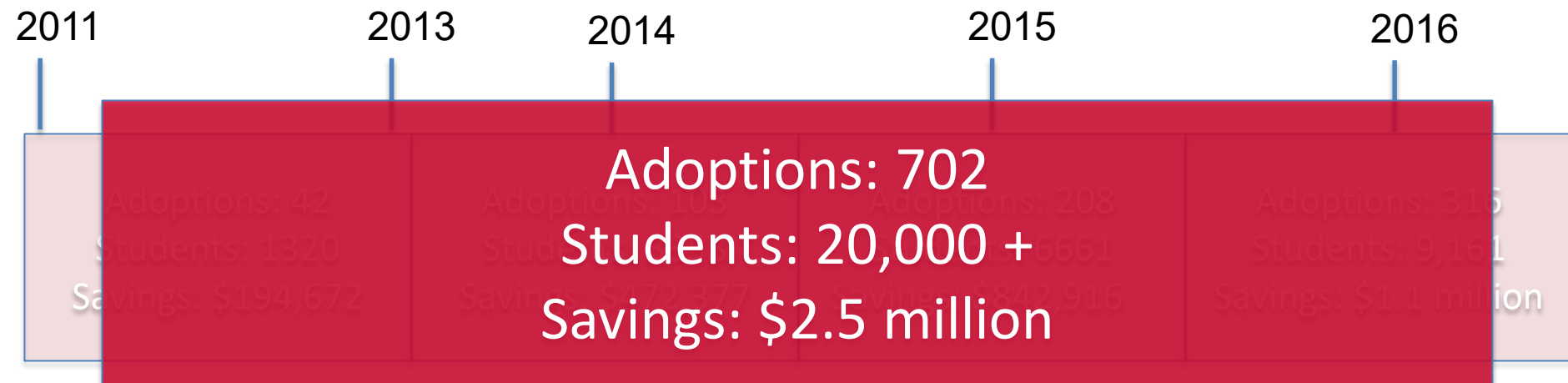


BC Open Textbook Impact

The History of the BC Open Textbook Project



The Result



Open Textbook Project eases costs for students

RICHARD WATTS / TIMES COLONIST
OCTOBER 1, 2016 04:00 AM



Students at Camosun College are among those using B.C.'s Open Textbook Project, which makes the books available online. Photograph By BRUCE STOTESBURY, Times Colonist

Carson V
while att

It makes
importan

Carson Varney's responsibilities include a two-year-old son, with another child expected soon, and rent payments, all while attending Camosun College

It makes the \$600 to \$1,000 he saves in a year through British Columbia's Open Textbook Project that much more important. The Open Textbook initiative allows him to use materials online, download or print them.

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OpenTextbookProject



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Success Factors

- Government Support
- Awareness
- Communication
- Hands on- high touch- you need help? We are here.
- Research- (need more Canadian data)
- Encouragement and incentive (time and money)



Success at Institutions

Student advocacy

Support from Administration

Champions

OER Working Groups

Promotion around campus

#TextbookBrokeAB

Top Latest Accounts Photos Videos More options ▾



Cody Ciona @ulsuexternal · Sep 15

Thanks @ShawTVLeth for letting @ulsuacademic and I speak to you about OER's and textbook prices #TextbookBrokeAB



← 2 2 ...



Marina Banister @uasuvacademic · Sep 22

TODAY at #GovWeek highlights include Textbook Broke Alberta by @CAUS at 1PM in SUB Alumni Room #TextbookbrokeAB #UASU #Ualberta

← 4 2 ...



The Gauntlet @GauntletUofC · Sep 17

The @SUUofC awareness campaign for Open Educational Resources started on Sept. 13. buff.ly/2cOrYgO #textbookbrokeAB

#TextbookBrokeBC

Top Latest Accounts Photos Videos More options ▾



Debra Flewelling @debflow · Sep 14

I just signed the petition for Open Educational Resources #textbookbrokeBC #opentextbooks thedsu.ca/advocacy/campa...

← 2 1 ...

In reply to Jasmine



Daniel Lam @DannyLean · Sep 10

@jasmine_leblanc Still \$231.55 too much. #textbookbrokeBC

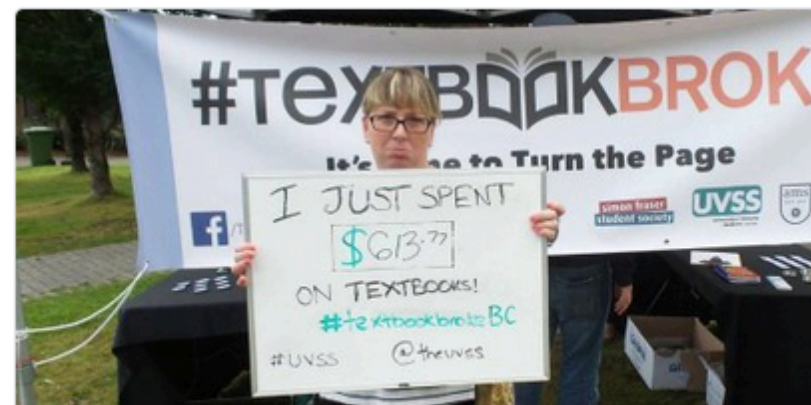
← 1 2 1 ...

Grant Potter liked



Clint Lalonde @clintlalonde · Sep 8

More CBC coverage of BC students #textbookbrokeBC campaign



B.C. students say they are #textbookbroke

The student societies at UVic, UBC and SFU are running awareness campaigns to show just how much of a student's budget is now eaten up ... cbc.ca

← 1 2 ...

BCcampus Open liked



UVSS @UVSS · Sep 1

Dir. of Campaigns Maxwell Nicholson on CFX 1070 11am today discussing unaffordable textbooks. Call in 250-386-1161! #TextbookBrokeBC #bcps

News / Edmonton

Cash-strapped Alberta students leading a push for 'open textbooks'

Representatives from five schools across province launched the #textbookbrokeAB campaign to showcase the money students spend on books.



3



reddit this!



CODIE MCLACHLAN/FOR METRO

Katelyn Garlough, VP academic of MacEwan's student association, wants people to know just how much students are paying for textbooks.



Success at Institutions

Student advocacy

Support from Administration

Champions

OER Working Groups

*People make things possible.
Institutions make them last.
- Mike Caulfield*



OER Implementation Plan

- Awareness raising
- Engaging Faculty Members and Student Government Leaders
- Communication Campaigns
- Senior Administrators

- Deliverables
- Workshops/Presentations/Lunch n' Learns
- Department Meetings
- Open Access Week
- Open Education Week



Communication Campaigns

Reuse- From this is MY content

Revise- This is a starting point for improvement

Remix- This is the best collection of materials for each concept or outcome

Redistribution- This exists in a community of collaborators

Retain- you have the right to download it, duplicate it



Senior Administration





You need to work the grass roots, form those informal connections that get work done, and work across institutional boundaries.

- Mike Caulfield



Remember the WHY

Remember the POSSIBILITY

Remember the IMPACT

Thank you

Amanda Coolidge

acoolidge@bccampus.ca
@acoolidge