

Taking control of the publishing system you will inherit



Joe McArthur - @Mcarthur_Joe
Assistant Director, Right to Research Coalition
Co-founder and Co-Lead of the Open Access Button





Launched in Summer 2009.

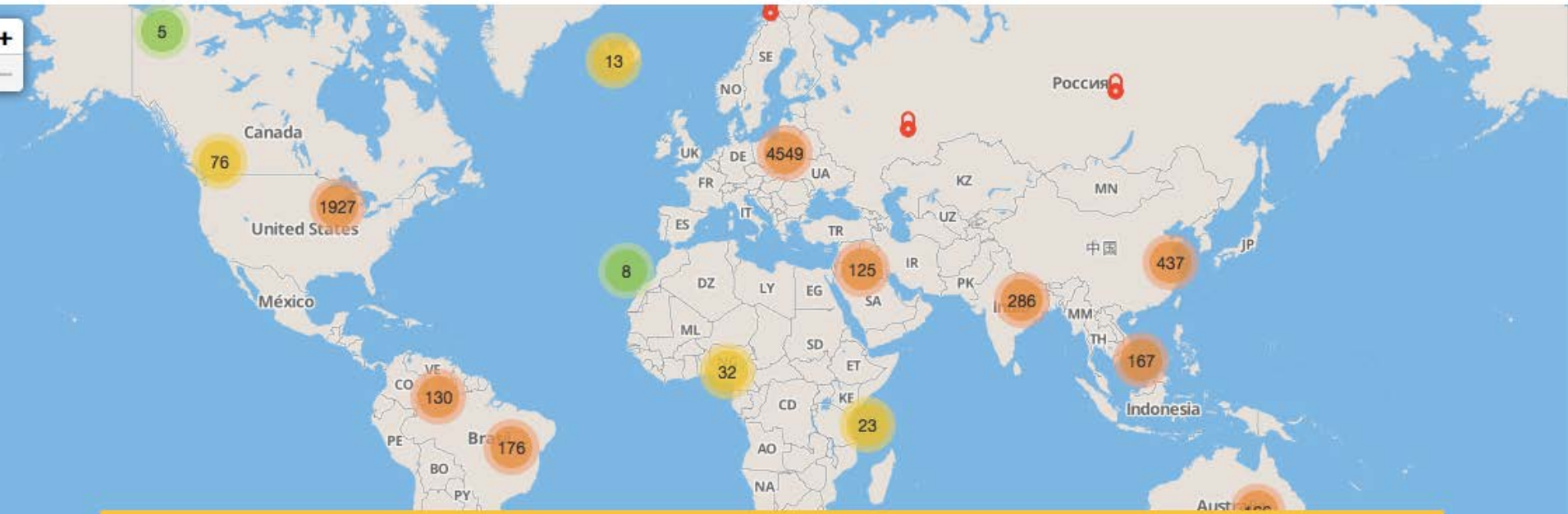
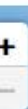
Built around the Student Statement on the Right to Research: access to research is a student **right**

International alliance of 77 graduate & undergraduate student organizations, representing nearly 7 million students

We Educate + Advocate for Open Access



What's the plan?



8515 Paywalls Hit

This map displays people being denied access to research they both need and paid for. Using the Open Access Button will make your individual moments of injustice and frustration visible to the world. Go to openaccessbutton.org to explore the map further and tell the world you are being denied access to knowledge.

Leaflet



#icanhazpdf



Followed by [Victor Ng](#) and 9 others



Ted Hart @DistribEcology · Mar 18

Man, almost 20k citations, but I can't read it.. who can help? #icanhazpdf
dx.doi.org/10.1080/107055...

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Followed by [Michelle Brook](#) and 12 others



Egon Willighagen @egonwillighagen · Mar 17

"Nano-QSAR modeling for predicting biological activity"
pubs.rsc.org/en/content/art... #icanhazpdf first.lastname_at_gmail plz

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Drug Monkey @drugmonkeyblog · Mar 4

Seems fair RT @sennoma: \$1000 for a single paper?! #icanhazpdf
online.liebertpub.com/doi/abs/10.108... cwhooker AT fastmail DOT fm
pic.twitter.com/jw6sVeFnQJ

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Bug Gwen @bug_gwen · Mar 3

Ooh @ezraklein makes cool point that paywall academic system encourages samizdat in the form of #icanhazpdf en.wikipedia.org/wiki/Samizdat

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Followed by [Daniel Graziotin](#) · Feb 18



Anybody with access please? [ebooks.cambridge.org/chapter.jsf?bi... ..](https://ebooks.cambridge.org/chapter.jsf?bi...)
#icanhazpdf dgraziotin AT task3 DOT cc thaaanks!

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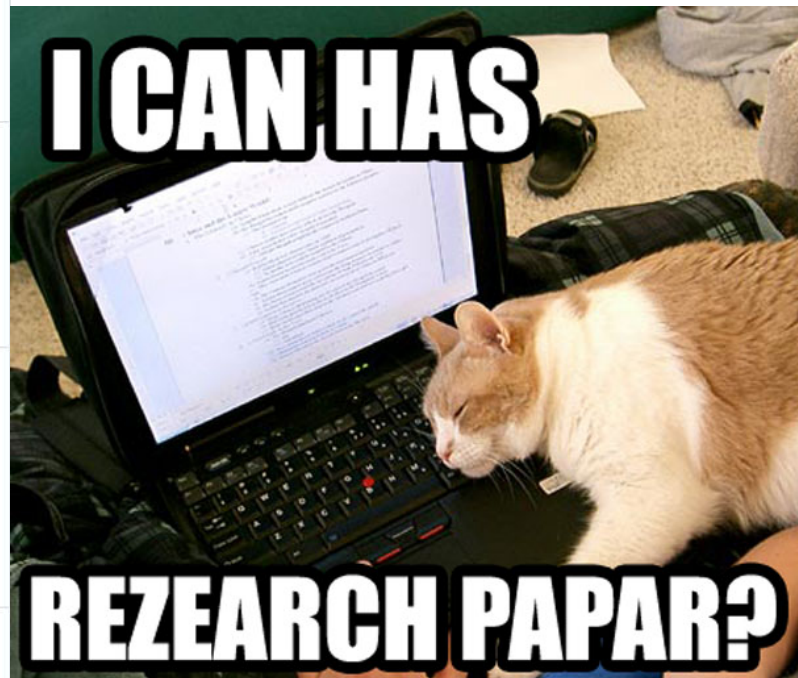
Followed by [Emily Lakdawalla](#) · Feb 14



#IcanhazPDF? Hubbard et al 2002, Acta Astronautica: "Following the water, the new program for Mars exploration" adsabs.harvard.edu/abs/2002AcAau...

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Deon van der Merwe (Other)

To provide a broader perspective to young students in Life Sciences Classes (This article provides new insights on the identification of potential vulnerable areas in terms of global climate change and should be available to all citizens of the world, especially to those who may be most affected in the future)

[doi](#) | [url](#) | Nov 19, 2013

Ben weedon (Patient)

To find out the best treatments for my child's eczema.

[doi](#) | [url](#) | Nov 21, 2013

Richard Turkington (Academic)

I'm trying to cure cancer!!

[doi](#) | [url](#) | Nov 20, 2013

CH (Librarian)

I'm trying to improve scholarly communication. It's an article about Open Access in a toll access journal. Oh, the irony...

[doi](#) | [url](#) | Nov 19, 2013

Jason Harris (Doctor)

Attempting to improve clinical diagnosis for new patient evaluation.

[doi](#) | [url](#) | Nov 18, 2013

Ibrahim Siregar (Student)

It's important for my final thesis.

[doi](#) | [url](#) | Nov 20, 2013



Noah Fahlgren

@NoahFahlgren

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I hit a [#paywall](#) trying to access an article from 1908.

onlinelibrary.wiley.com/doi/10.1002/fe...

[@OA_Button](#)

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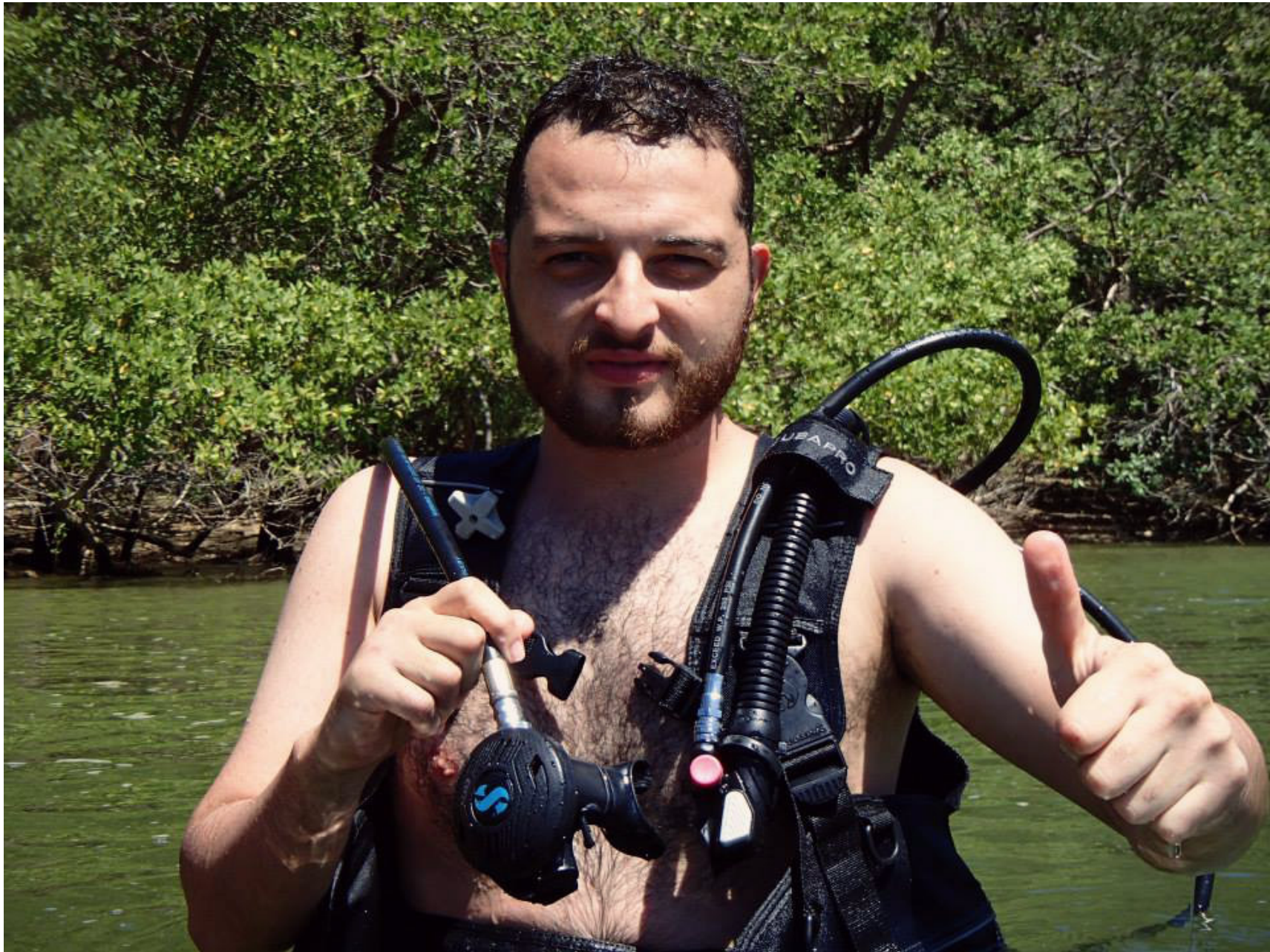
6 RETWEETS 4 FAVORITES

6:52 PM - 21 Nov 13

[Reply to @NoahFahlgren @OA_Button](#)

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#WHATSHOULDWECALLGRADSCHOOL

PEER REVIEWED. IMPACT FACTOR: TO INFINITY AND BEYOND

11TH JUN 2012 | 162 NOTES

WHEN THE PAPER I NEED ISNT
AVAILABLE THROUGH MY
UNIVERSITYS SUBSCRIPTION



What's going on behind a paywall?

AT A RECENT CONFERENCE IN CAMBRIDGE, I MET NATURE'S ONLINE PUBLISHING DIRECTOR, TIMO HANNAY.

YOU GUYS RUN MY COMICS ON YOUR WEBSITE.

WE DO?

IN HIS PRESENTATION, TIMO CANDIDLY DESCRIBES THE BUSINESS OF NATURE:

- ① BASICALLY, SCIENTISTS GIVE US THEIR WORK FOR FREE...
- ② ...THEN WE HAVE VOLUNTEER SCIENTISTS REVIEW IT FOR US FOR FREE...



- ③ ...THEN WE BUNDLE IT ALL UP AND SELL IT BACK TO THEM FOR A PROFIT.

IT SOUNDS OUTRAGEOUS, BUT SCIENTISTS WILL DO IT BECAUSE THEY WANT TO BE PUBLISHED.



WE CAN CHARGE WHATEVER WE WANT. IT'S ESSENTIALLY A MONOPOLY,



JORGE CHAM © 2009

Average journal price in Health Sciences:



Chemistry



Physics



Agriculture

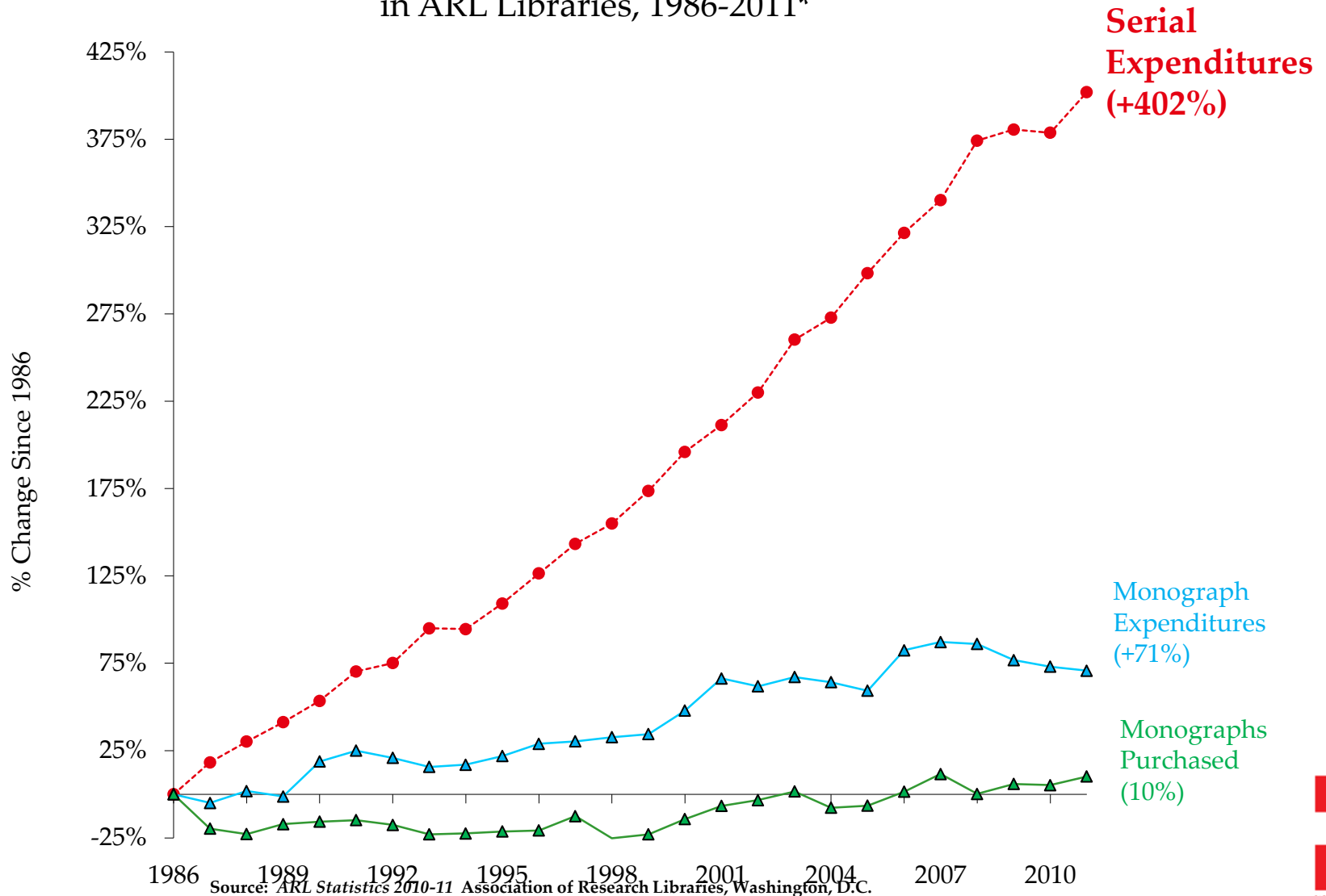


Source: Library Journal 2013 Periodicals Pricing Survey

"The Winds of Change | Periodicals Price Survey 2013," by Stephen Bosch and Kittie Henderson. Library Journal, April 25, 2013: <http://lj.libraryjournal.com/2013/04/publishing/the-winds-of-change-periodicals-price-survey-2013>

www.righttoresearch.org

Graph 2
 Monograph and Serial Costs
 in ARL Libraries, 1986-2011*



Source: ARL Statistics 2010-11 Association of Research Libraries, Washington, D.C.

*Includes electronic resources from 1999-2000 onward.



The
Economist

Publishing obscure academic journals is
that rare thing in the media industry:

“a license to print money.”

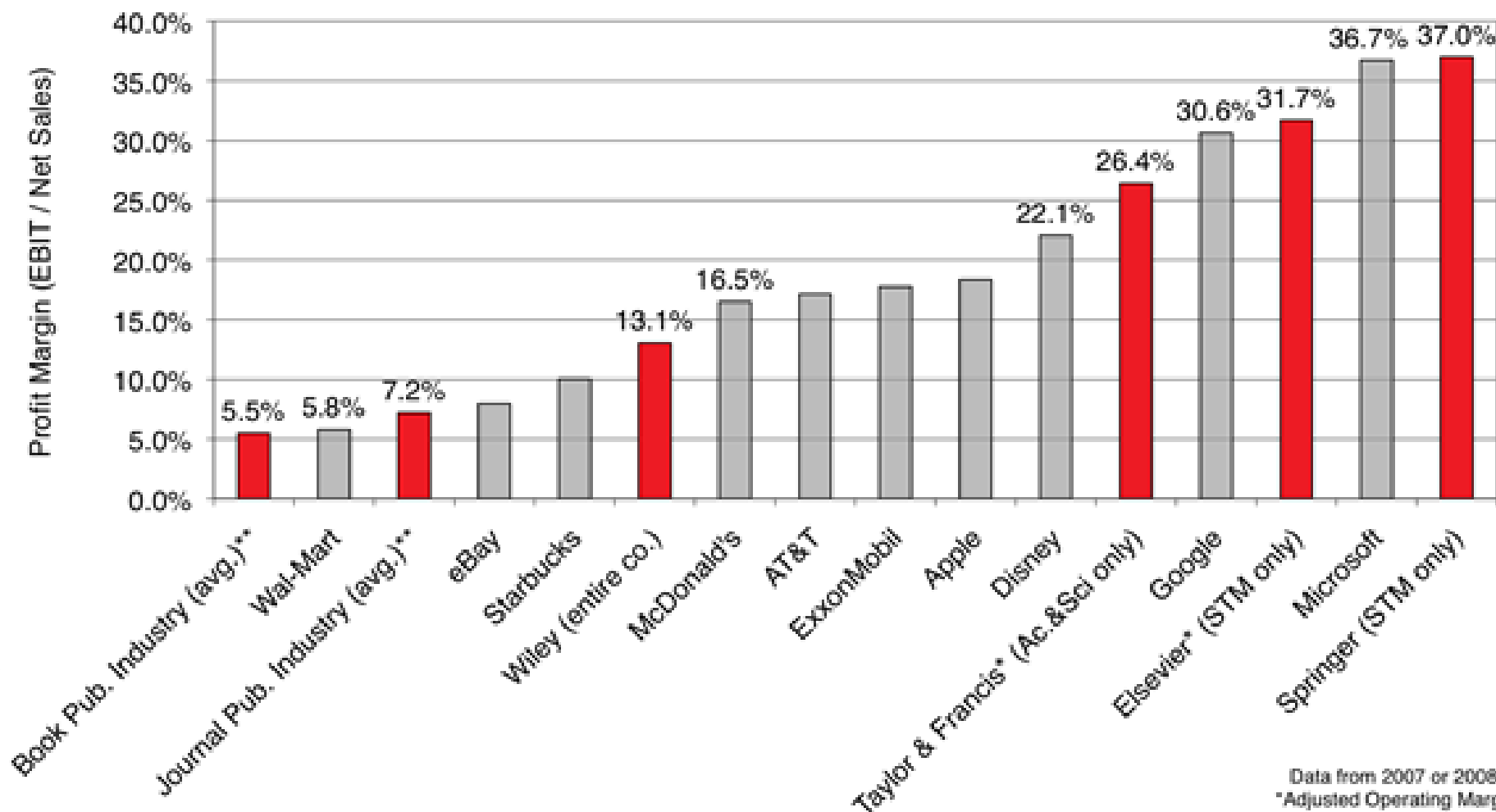
The Economist, “Open Sesame,” April 14, 2012: <http://www.economist.com/node/21552574>

www.righttoresearch.org



Publishing is big business...

Profit Margins: Journal Publishers v. Other Companies



Data from 2007 or 2008.

*Adjusted Operating Margin

Data Source: MIT Libraries **RMA Annual Statement Studies, 2007

University	Cost	Enrolment	Academic Staff
Birmingham	£764,553	31,070	2355 + 440
Bristol	£808,840	19,220	2090 + 525
Cambridge	£1,161,571	19,945	4205 + 710
Cardiff	£720,533	30,000	2130 + 825
*Durham	£461,020	16,570	1250 + 305
**Edinburgh	£845,000	31,323	2945 + 540
*Exeter	£234,126	18,720	1270 + 290
Glasgow	£686,104	26,395	2000 + 650
Imperial College London	£1,340,213	16,000	3295 + 535
King's College London	£655,054	26,460	2920 + 1190
Leeds	£847,429	32,510	2470 + 655
Liverpool	£659,796	21,875	1835 + 530
§London School of Economics	£146,117	9,805	755 + 825
Manchester	£1,257,407	40,860	3810 + 745
Newcastle	£974,930	21,055	2010 + 495
Nottingham	£903,076	35,630	2805 + 585
Oxford	£990,775	25,595	5190 + 775
* ***Queen Mary U of London	£454,422	14,860	1495 + 565
Queen's U Belfast	£584,020	22,990	1375 + 170
Sheffield	£562,277	25,965	2300 + 460
Southampton	£766,616	24,135	2065 + 655
University College London	£1,381,380	25,525	4315 + 1185
Warwick	£631,851	27,440	1535 + 305
*York	£400,445	17,405	1205 + 285

Is there a reason
publishing should be
this **expensive**?

1914



Yes

Left: Moyan Brenn - <http://bit.ly/1veyL61>

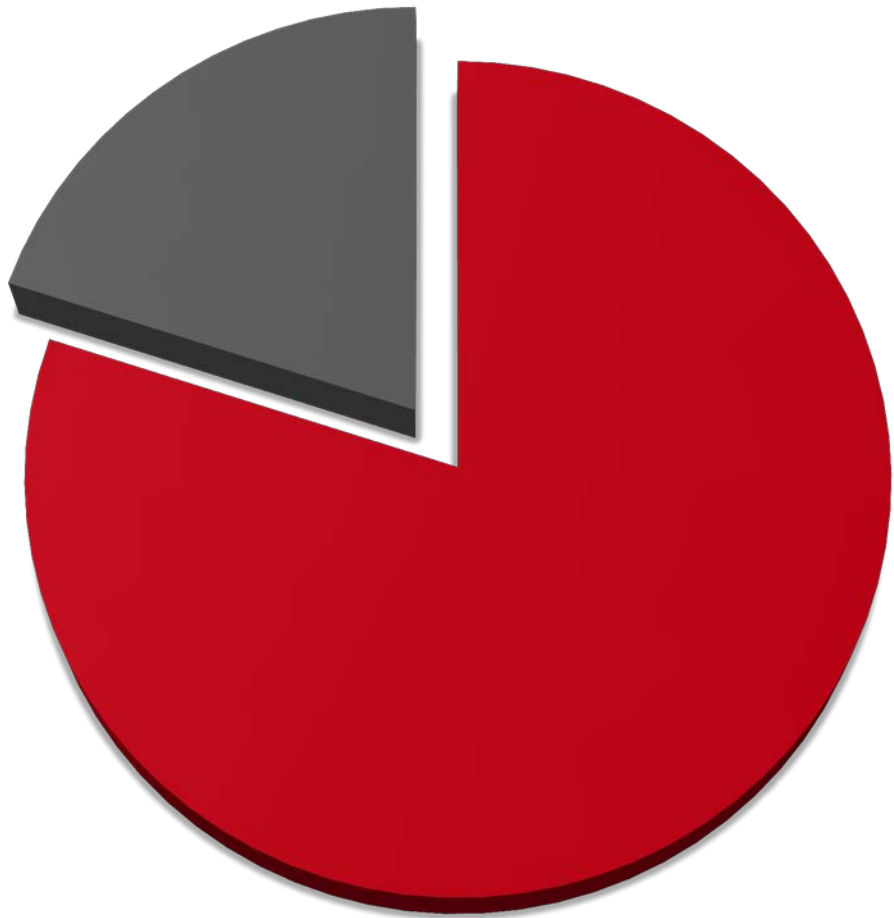
2014



No

Right: Image courtesy of Nick Perla - <http://bit.ly/1tAXRc5>





80%
of research is
publicly
funded

1

1 Academic Publishing: Survey of funders supports the benign Open Access outcome priced into shares, HSBC Global Research, February 11, 2013:

<https://www.research.hsbc.com/midas/Res/RDV?ao=20&key=RxArfbnG1P&n=360010.PDF>

www.righttoresearch.org

But wait, this system is
amazing.



Shouldn't our publishing system

what we entrust to distribute the
knowledge we work so hard to create

share our **values**?

OPEN ACCESS

Free, immediate online access
to scientific & scholarly articles
with full reuse rights

As defined by the Budapest Open Access Initiative

OPEN ACCESS

What Open Access isn't:

- Low quality publication
- Publication without peer review

OPEN ACCESS

- 10000 viable journals
- 2000 Repositories
- 30% of papers published are public access



Devin Thorpe
Contributor

I cover social entrepreneurship and impact investing.

Opinions expressed by Forbes Contributors are their own.

ENTREPRENEURS 11/25/2013 @ 12:47PM | 3,614 views

Jack Andraka, 16-Year-Old Inventor, Foretells The Future Of Cancer Research

[Jack Andraka](#) is among the most famous teenage boys never to have written a pop song or to have performed in a boy band. The 16-year-old is famous for his genius, developing new technology for diagnosing pancreatic, lung and ovarian cancer in the early stages. Not exactly your typical teenager.

Andraka was recently featured on [60 Minutes](#) celebrating his life-saving work. On Monday, November 25, 2013 at 1:00 PM Eastern he will join me to discuss the future of cancer research. Watch just a few minutes to meet this remarkable young inventor and entrepreneur.







168x faster
26,667x cheaper
400x more sensitive
100x more selective

Current test (ELISA):
\$800, high false positives

Jack's test:
\$.03, >99% accuracy, 5 min

“I used [free, online articles] religiously. Just because, in most online databases, articles cost about \$35, and there are only about 10 pages...

My research should serve as a testament to free online research (...) It was hard to get what I needed without the costs. People should take note and because of this project, we should make a move toward more inexpensive or free online research.”

- Jack Andraka
Interview with Vancouver Observer



We need **more**
Jack Andrakas

Students are
setting the
default to
Open

Two paths to Open Access

Self-
archiving



Open Access
Journals



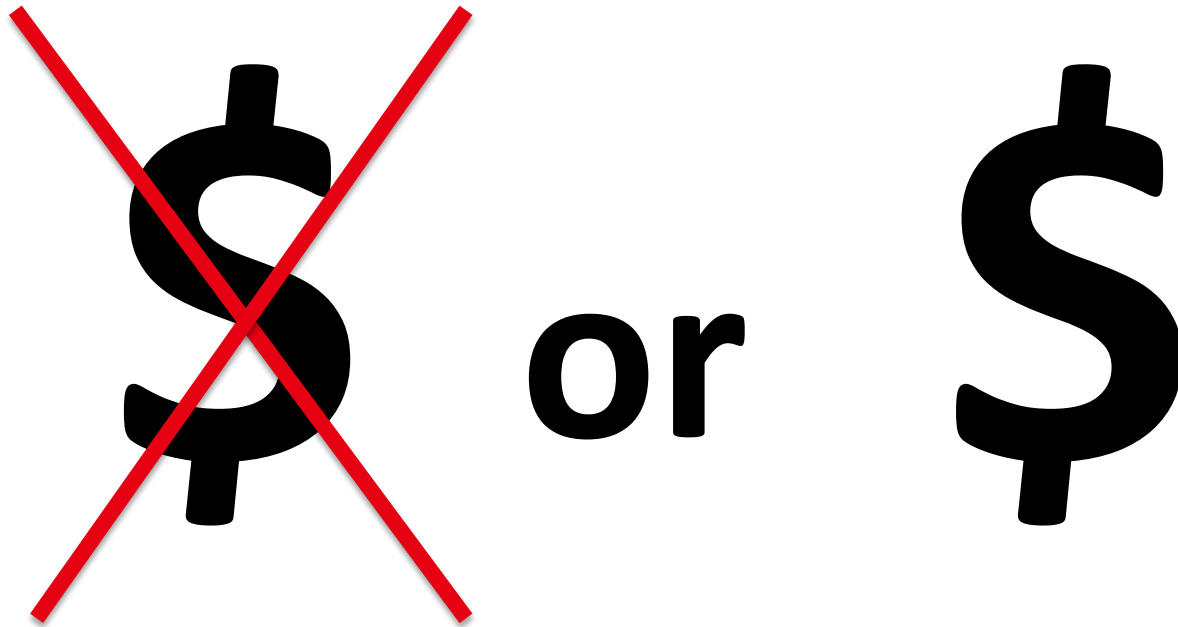
1. Publish in an open-access journal



X > 9,700



1. Publish in an open-access journal



2. Publish (almost) anywhere, deposit into an open-access repository



X 2,000



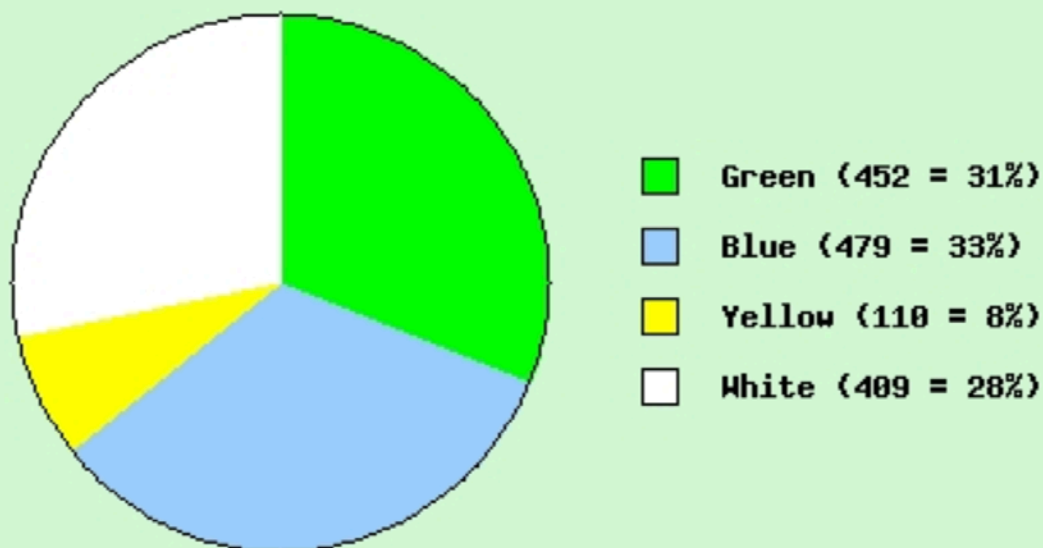
OpenDOAR

<http://www.sparc.arl.org/resources/authors/addendum>

RoMEO colour	Archiving policy	Publishers	%
green	Can archive pre-print and post-print	452	31
blue	Can archive post-print (ie final draft post-refereeing)	479	33
yellow	Can archive pre-print (ie pre-refereeing)	110	8
white	Archiving not formally supported	409	28

Summary: **72%** of publishers on this list formally **allow** some form of self-archiving.

SHERPA/RoMEO Colours, excluding provisional policies



SHERPA/RoMEO 26-Mar-2014

Total = 1450 publishers

Source: www.sherpa.ac.uk/romeo/statistics.php?la=en&fIDnum=|&mode=simple



1,000+

Congressional lobbying visits over the past 4.5 years



ment address and they really appreciated it. It was fun. Among the most meticulously dressed members of the Cabinet, LaHood put on a navy-blue floral Hawaiian shirt afterward for a meeting to discuss the needs of Guam's port.

That wasn't the end of it. There was the payroll tax cut, the small business tax cut, the extension of the payroll tax cut, and so on. The president Obama has signed 21 tax cuts to date. He has also signed 11 tax cuts to date. He has also signed 11 tax cuts to date. He has also signed 11 tax cuts to date.

As an example, take President Obama's goal that by 2020 the United States is to "have the highest proportion of graduates in the world," which would fall between the United States and the United Kingdom.

the Bureau of Labor Statistics, which says that the United States has the highest proportion of graduates in the world. The United States has the highest proportion of graduates in the world.

blaming one of the parties. Instead, Gutmann and Thompson take a bird's-eye view of compromise and what they call the "compromising mind-set" necessary for effective governing.



Unlock taxpayer-funded research

BY MATT COOPER AND ELIZABETH WILEY

At graduations across the country, students are walking across the stage, receiving their diplomas and beginning the next chapter of their lives. These graduates are equipped with a wealth of new tools. However, nearly all are forced to leave behind one of the most important: their library card.

Students' library cards are a passport to the specialized knowledge found in academic journal articles — covering medicine and math, computer science and chemistry, and many other fields. These articles contain the cutting edge of our understanding and capture the genius of what has come before. In no uncertain terms, access to journals provides critical knowledge and an up-to-date education for tomorrow's doctors, researchers and entrepreneurs.

But should that access cease at graduation? Or would you rather a graduating medical student, perhaps your future doctor, be able to keep up with the latest advances? Would you rather an ambitious graduate student feel comfortable leaving the academy to found the next Google, knowing she still has access to the latest insight in her field and is able to build upon it?

Although the bulk of published research is publicly funded, the journals that publish such crucial resources are often prohibitively expensive. There are 15 academic disciplines for which the

average journal costs more than \$1,000 per year for a single subscription — far too expensive for an individual to afford.

What's worse, many institutions — even those that maintain high-profile research programs — cannot afford access to all of the material their students and researchers need. For instance, the Faculty Advisory Council at Harvard University warned faculty members in April of the "untenable" costs of journal subscriptions.

The experience of not being able to get access to an article has become as common among students as paying hundreds of dollars for textbooks or having trouble getting into a class. As students graduate and begin careers outside the university, this problem worsens, and there is virtually no access at all.

Unlike many problems affecting students, this is an issue that President Obama could fix quickly.

With direct power over federal agencies that fund research, the president can mandate that articles resulting from our \$60 billion annual investment in federal nondefense research grants be made freely available within six months.

The National Institutes of Health has had a similar, successful policy in place for four years. PubMed Central, the repository into which articles covered by the policy are placed, sees more than a million papers downloaded daily by more than half a million unique users, demonstrating the demand for this information.

Over the past two weeks, there has been a groundswell of support for such a presidential directive. Tens of thousands of people have signed a White House-hosted "We, the People" petition calling on the president to "require free access over the Internet to scientific journal articles resulting from taxpayer-funded research" — more than the 25,000 signatures required to receive a formal response from the White House.

If the president is serious about improving access to quality education, he should ensure that students and their professors have timely, open access to the fruits of our tax dollars — research that forms the basis of our understanding of the world, now and after graduation.

That's why our organizations have joined many others — including the Wikimedia Foundation, Creative Commons and PatientsLikeMe — in calling on Obama to unlock publicly funded research. We must have better access to research findings — during the time we spend building our knowledge base as students, and, more importantly, when we put that knowledge to use after graduating.

The petition and more information are online at www.access2research.org.

Matt Cooper is president and CEO of the National Association of Graduate-Professional Students; Elizabeth Wiley is national president of the American Medical Student Association.

Transportation news which is widely read on all whose authors are adding the slightest nuance to the debate. Bowdler himself was so unimpressed.

ard in these ns, you assist compa- nced stent

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governing, Gutmann and Thompson take a bird's-eye view of compromise and what they call the "compromising mind-set" necessary for effective governing.

Thompson distinguish between compromise and flinching. However, desirable flinching on common ground may be the parties' stark ideological divide means that the possibility of achieving it becomes smaller the more important the issue involved.

Yet compromise is necessary because the "tantalizing dream" of a clarifying election that dislodges the gridlock is illusory, given the close divide and checks-and-balances structure of government. Meanwhile, as use-ful as presidential leadership may be, they write, "no president can prevail as long as Congress remains recalcitrant."

And the status quo, albeit for different reasons, is unacceptable to Democrats and Republicans alike. Sticking with things as they are sounds like the conservative ideal, except in a moment of expiring tax cuts and mounting debt. Moreover, compromise is not only for the moderately inclined, the authors cite staunch partisan compromisers such as Ted Kennedy and Alan Simpson.

How to create more of such lawmakers? Gutmann and Thompson discuss various potential solutions: reforming the filibuster, lengthening congressional terms, limiting the need for nonstop fundraising and adopting open primaries that could mitigate the extremeness of candidates now produced by party primaries.

Still, these changes are simultaneously elusive and admittedly inadequate to the monumental task of carving out space for the compromising mind-set to take hold. Gutmann and Thompson conclude with an exhortation from the Beatles: "You tell me it's the institution. Well, you know. You'd better free your mind instead."

The House and Senate are full of people who are better than the institutional constraints in which they operate. They chafe against the divisive imperatives of the permanent campaign. They yearn for the chance to strike a deal. For these lawmakers, and for voters who claim to value compromise, reading this book would be a good start.

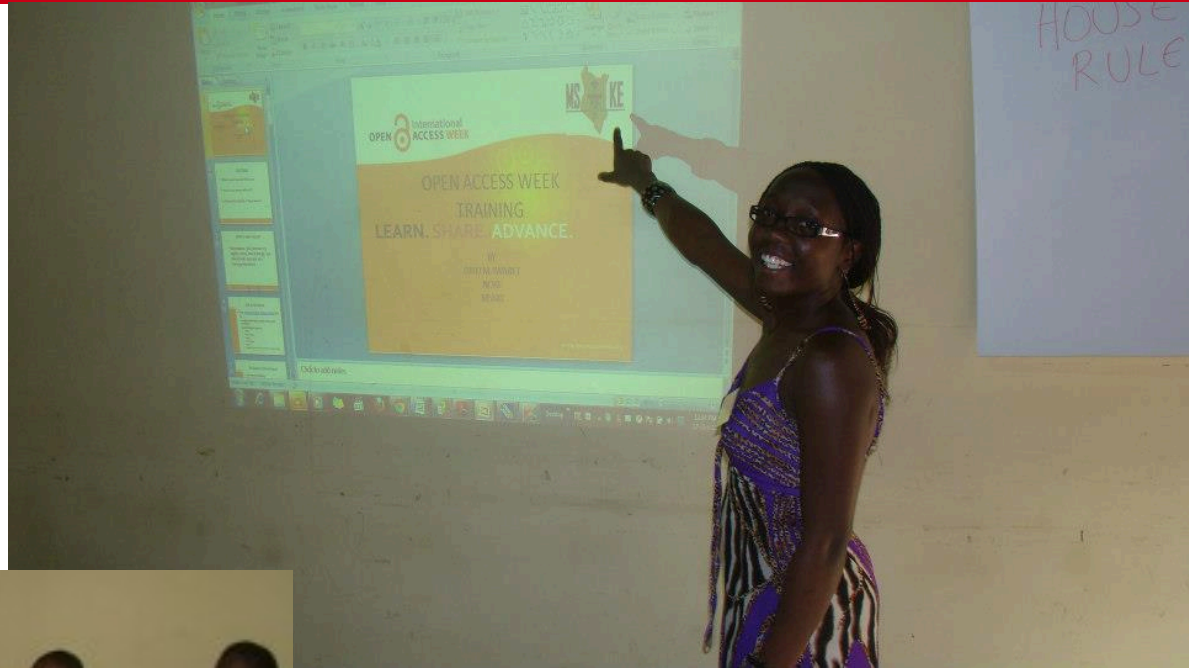
It is silly to imagine that a new mind can take hold overnight. But it is equally to conclude that the cause of compromise is futile. ruthmarcus@wvship



I HAVE THE

**RIGHT TO
RESEARCH**

Access to research is a student **RIGHT.**



Why you need OA as a student

- they are deprived of the opportunity to bring that material into the classroom.
- With science advancing at an ever-increasing pace, it's crucial they have access to cutting-edge research,
- so students' education isn't outdated before they even finish a course.


HOUSE RULES

- 1) Phones on Silent
- 2) Hands up for Questions
- 3) HAVE FUN
- 4) EVERYONE SAYS SOMETHING



June 25, 2012

- i) confirms the importance of students having access to research journals and articles as part of their training;
- ii) notes the high cost to institutions and individuals when accessing scholarly literature;
- iii) proposes that this could hinder medical students in their development as 'The Doctor as the Scientist' as well as developing an evidence based clinical approach;
- iv) welcomes and endorses the Right To Research Coalition's statement on Open Access to research literature.**

 need **access** to research?

Sign up below to get your Open Access Button



Learn more about the project in this video

Tearing down barriers to accessing research, one click at a time

Sign up below to get the *Open Access Button*, a safe, easy to use browser bookmarklet that you can use to show the global effects of research paywalls - and to help get access to the research you need. Every time you hit a paywall blocking your research, click the button. Fill out a short form, add your experience to the map along with thousands of others. Then use our tools to search for access to papers, and spread the word with social media. Every person who uses the *Open Access Button* brings us closer to changing the system.

[Watch the video](#) or [read this](#) for a quick introduction, then sign up here:

Fork me on GitHub



October 20, 2010



John Willinsky

A Student-Led Movement for a University
Open Access Policy

“...the degree of student initiative and engagement at UBC gives this issue **a whole new impetus.**”



So what can **you** do?

ADVOCACY + EDUCATION



OPENCON2014

The Student and Early Career Researcher Conference on
Open Access, Open Education and Open Data



Right to Research @R2RC · Jul 15

Today we're making a call for partners to host satellite events for
[@open_con](#). Help bring an event to your region! bit.ly/1n64keS



Open Access Week: October 20-26, 2014



SPARC and the World Bank to co-host kickoff event for 2014
International Open Access Week

2014 Open Access Week Theme to be "Generation Open"



Erin McKiernan

@emckiernan13



Following

If publishing in #openaccess journals costs me my career, then this is not the career I want. Period.

Reply Retweet Favorited More

theguardian

Impact of research hub

From the Higher Education Network

At any stage of your career, you have the right to stand up for what you believe in. If you believe in openness, stand up for it. Access to information is a human right, but it is often treated as a privilege. This has to change. And it will take all of us to make it happen.

So what **else** can **you** do?

Today

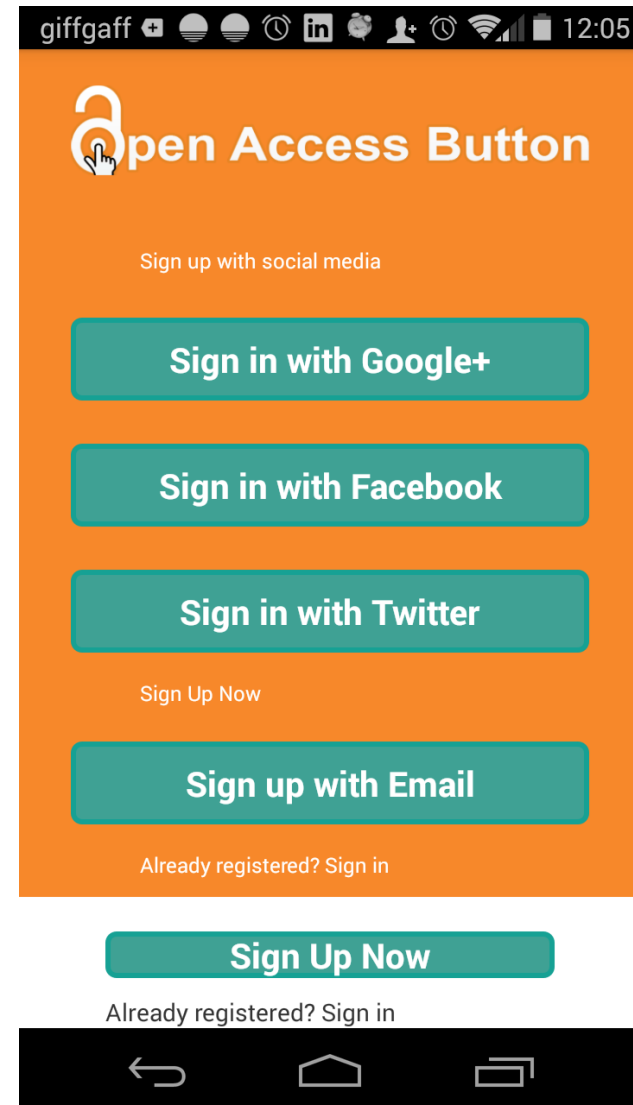
Help me test this



Later

Talk about Open Access

Use the OpenAccessButton.org



In Summary...

- An expensive, broken publishing system has created an access crisis.
- The internet, and Open Access has given us viable ways to address this problem
- Students/young researchers have been at the heart of this movement and must continue to be

My talk is over, but this is not

Lack of access is not a problem that only affects
one country, one continent,
or one field of study.

We need a broad, global student coalition.

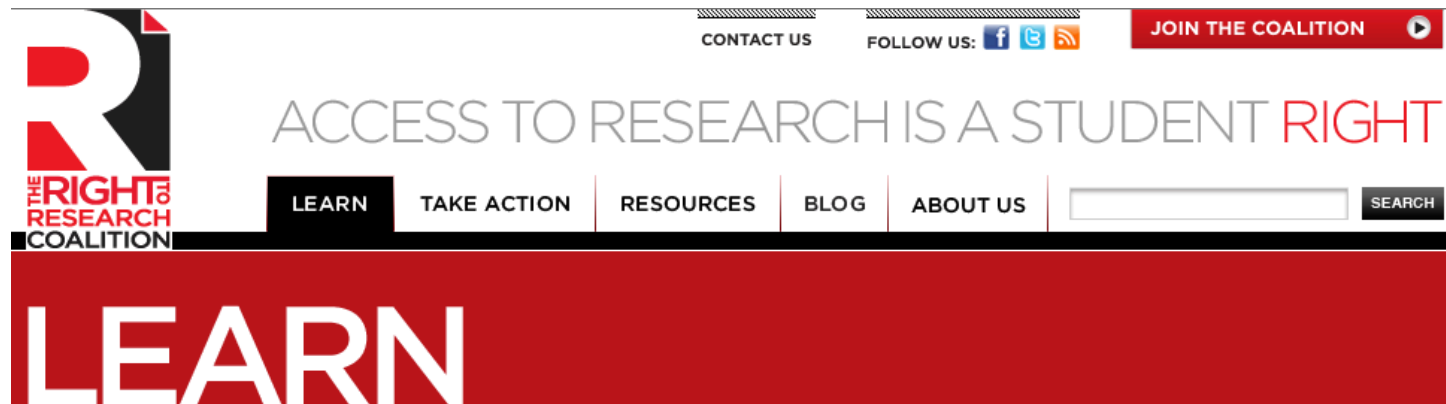
We need your help.

Thank you!

Joe@righttoresearch.org or @Mcarthur_Joe

My slides, videos and more

www.righttoresearch.org/learn/LSE-PhD-FOSTER



[Home > Learn](#)

LSE PhD Foster Resources

PRINT E-MAIL

SHARE:

On this page you can find all the relevant presentations, actions and further resources from the PhD FOSTER event. You can also recap my talk in ten minutes, give me feedback and sign up for updates so you never miss some Open Access news!

- [Slides](#)

THE PROBLEM

THE SOLUTION

WHY OPEN ACCESS?

RELATED ISSUES

