

OPEN ACCESS WEEK 2018 October 22-26

Do you believe that everyone should have access to research?

So do we. Open access accelerates discovery, gives taxpayers access to research they've funded, and improves education.

Unlock the benefits of open access with the University Libraries

Monday October 22, Open Access Forum

6:00 p.m. - 7:30 p.m. Newman Library Multipurpose Room (Room 101)

With Panelists:

Karen DePauw, Dean, Graduate School
Katya Drozdova, Seattle Pacific University
Derek Mueller, English Department
Marie Paretti, Engineering Education

Tuesday October 23, Cybersecurity and International Relations

7:00 p.m. - 8:00 p.m. **Keynote Address by Dr. Ekaterina Drozdova**
Graduate Life Center Auditorium

Wednesday October 24, \$140,000 Available to Publish Journal Articles

4:00 p.m. - 5:00 p.m. Newman Library 427 *NLI session

Wednesday October 24, Movie: "Paywall: The Business of Scholarship"

5:30 p.m. - 7:00 p.m. Newman Library 207A

Friday October 26, Sharing Our Research: Exploring a Faculty Open Access Policy

2:30 p.m. - 3:30 p.m. Torgersen 1120 *NLI session



Get Access

Learn more about OA Week at
guides.lib.vt.edu/oa/week


VIRGINIA TECH.™

Open Access Forum

Fall 2018

Karen DePauw, Vice President and Dean for Graduate Education, VT

Katya Drozdova, Associate Professor of Political Science, Seattle Pacific University

Darren Maczka, Doctoral Candidate, Engineering Education, VT

Derek Mueller, Associate Professor, Department of English, VT

Marie Parette, Professor, Department of Engineering Education, VT

Peter Potter, Director of Publishing Strategy, VT (pjp33@vt.edu)

Anita Walz, Open Education, Copyright & Scholarly Communication Librarian, VT
(arwalz@vt.edu)

Tomorrow:



Cybersecurity and International Relations

with Dr. Ekaterina Drozdova, Seattle Pacific University

Join us for the Destination Areas Global Speaker Series

Tuesday, Oct. 23, 2018 at 7 p.m. in the Graduate Life Center Auditorium

Learn how cybersecurity is shaping international relations, and how open scholarship is critical for solving problems at the intersection of cyber and global strategy

Wednesday:

Movie: Paywall

5:30 pm

Newman Library 207A



Plan for Tonight

❖ Brief Presentations

- Understanding Scholarly Publishing as a Business (Peter Potter)
- Connecting the “Opens” (Anita Walz)

❖ Discussion

Some of the Opens

Open Access

Some of the Opens

Open Access

Open Source

Some of the Opens

Open Access

Open Source

Open Data

Some of the Opens

Open Access

Open Source

Open Data

Open Science

Some of the Opens

Open Access

Open Source

Open Data

Open Science

Open Education

Some of the Opens

Open Access

Open Source

Open Data

Open Science

Open Education

Open Pedagogy

...

Understanding
Scholarly Publishing
as a
Business

Scholarly Publishing is a *Global Business*

Leading Western Publisher Bows to Chinese Censorship



A Springer Nature stand at a Beijing book fair in August. The company acknowledged blocking access to certain articles from its website in mainland China.

Mark Schiefelbein/Associated Press

New York Times,
11/1/17

Scholarly Publishing
is
Big Business

\$25.7 billion

Annual worldwide revenue*

*2017 figures, English
language only

Scholarly Publishing is *Big Business*

\$25.7 billion

Annual worldwide revenue

By comparison:

U.S. box office revenue = \$11 b

World box office revenue = \$40 b

Facebook 2018 2Q revenue = \$13 b

Apple 2018 3Q revenue = \$53 b

Scholarly Publishing is *Big Business*

\$25.7 billion

Annual worldwide revenue

Journals = \$10b (40%)

Books = \$3.3b (13%)

Other = \$12.4 (47%)

Scholarly Publishing is a *Profitable Business*

Profit	Company	Industry
10%	BMW	automobiles
23%	Rio Tinto	mining
25%	Google	search
29%	Apple	premium computing
35%	Springer	scholarly publishing
37%	Elsevier	scholarly publishing

<http://wp.me/ph4jF-km> CC-BY Alex Holcombe

2015 figures

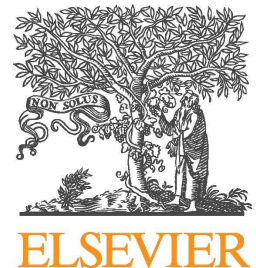
Scholarly Publishing is a *Profitable Business*

"Publishing is so profitable because the workers don't get paid."

—John Adler, Professor of Neurosurgery, Stanford University

Elsevier's profits swell to more than £900 million

But 'risks' of open access and a shift away from subscription model could halt growth, publisher's financial results reveal



Times Higher Education Supplement, Feb 20, 2018

When It Comes Time to Submit Your Article for Publication...

30,000+ scholarly journals

5,000+ publishers

When It Comes Time to Submit Your Article for Publication...

30,000+ scholarly journals

5,000+ publishers

5 Publishers control 50% of
the market

Scholarly Journal Publishers

Oligopoly:

A state of limited competition, in which a market is shared by a small number of producers or sellers

5 biggest:	Elsevier
	Springer Nature Group
	Wiley-Blackwell
	Taylor & Francis
	Sage
15 other:	Emerald
	Oxford University Press
	Cambridge University Press
	BMJ Group
	Royal Society
	Royal Society of Chemistry
	American Physical Society
	American Institute of Physics
	American Chemical Society
	Proceeding of the National Academy of Sciences (PNAS)
	International Union of Crystallography
	Institute of Physics (IOP)
	Company of Biologists
	Portland Press
	Brill

The Largest Journal Publishers

Similar to Commercial Book Publishing...



The 5 Big Commercial Book Publishers



Scholarly Journal Publishing Oligopoly

5 biggest:	Elsevier
	Springer Nature Group
	Wiley-Blackwell
	Taylor & Francis
	Sage

Does it matter that these 5
publishers control 50% of the
market?

Scholarly Journal Publishing Oligopoly



Institutional Subscription

Select country/region:

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Sales tax will be calculated at check-out

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Add to Cart

eJournal

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Institutional Subscription

Select country/region:

United States of America

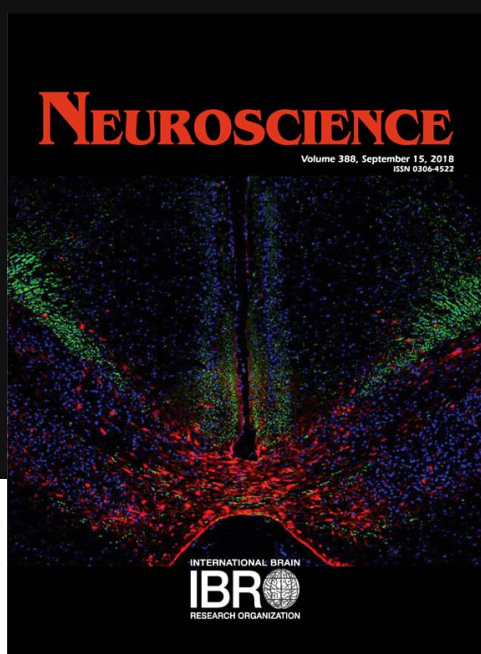
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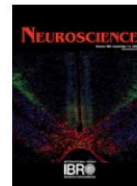
Advanced



ELSEVIER

Neuroscience

Volume 390, 15 October 2018, Pages 198-205



Research Article

Stress Adaptation Upregulates Oxytocin within Hypothalamo-Vagal Neurocircuits

Yanyan Jiang ^a, F. Holly Coleman ^a, Kim Kopenhaver Doheny ^b, R. Alberto Travagli ^a



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Neuroscience, 2018



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Autonomic Neuroscience, Volume 212, ...



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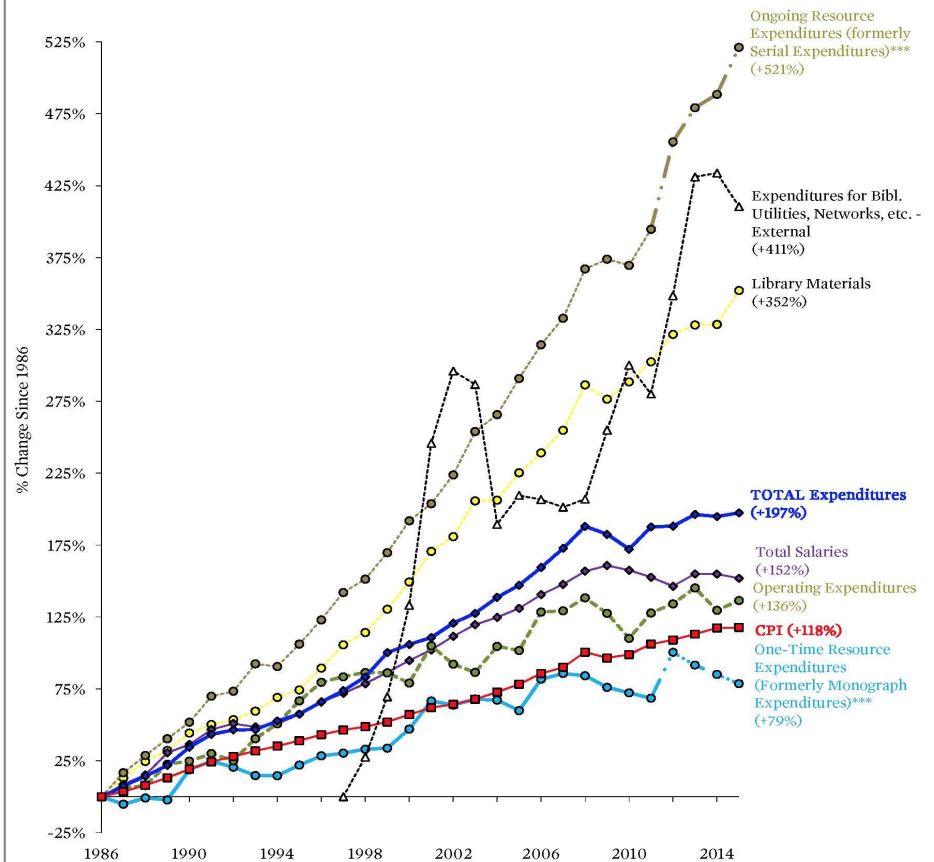


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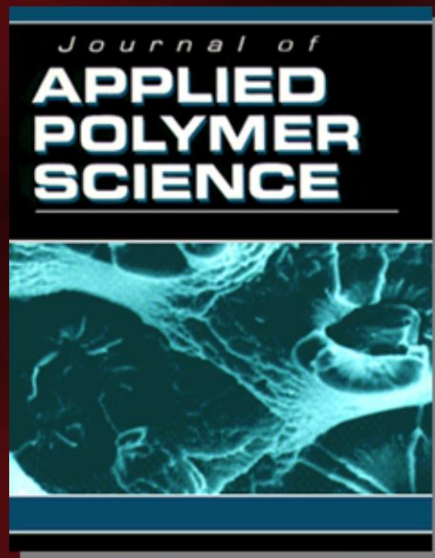
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Library spending on serials has increased by over 500% in 30 years

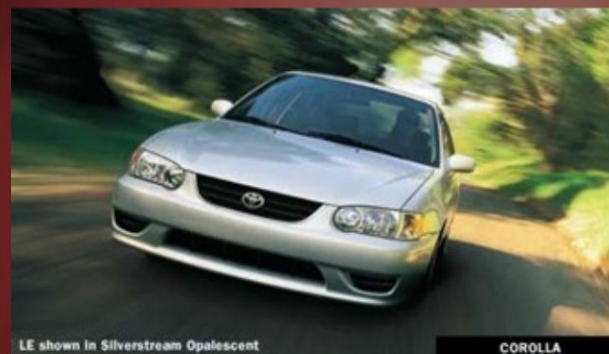
**Graph 4
Expenditure Trends
in ARL Libraries, 1986-2015**



Sticker Shock: \$12,495



OR

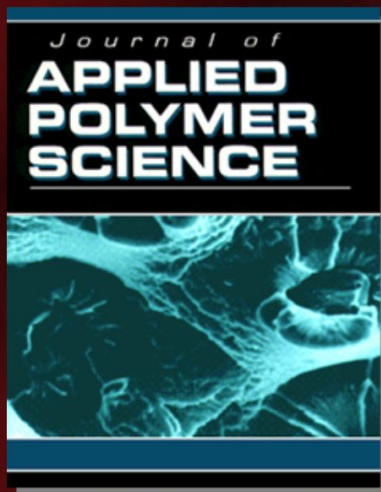


<http://www.englib.cornell.edu/displays/stickershock/default.html>

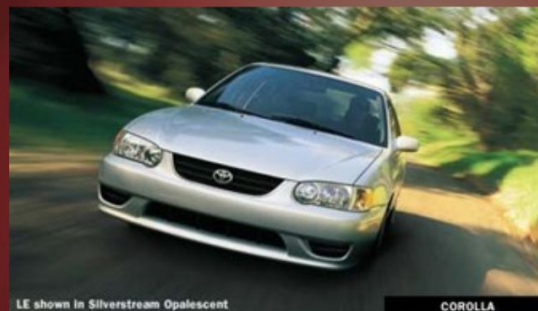
From Cornell University Libraries exhibit, "Sticker Shock:
The High Price of Journals," 2002

2018 prices

Sticker Shock: \$12,495



OR



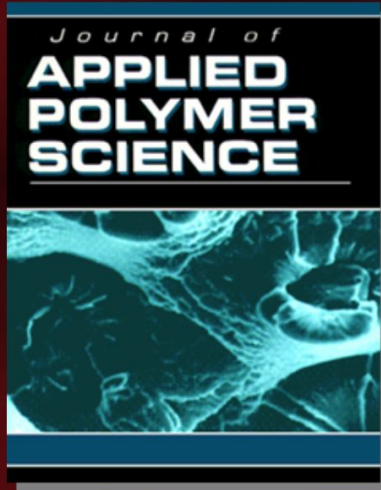
<http://www.englib.comell.edu/displays/stickershock/default.html>

Toyota Corolla LE:

\$19,035

2018 prices

Sticker Shock: \$12,495



OR



<http://www.englib.comell.edu/displays/stickershock/default.html>

*Journal of Applied
Polymer Science:*

\$35,859

Toyota Corolla LE:

\$19,035

When It Comes Time to Submit Your Article for Publication...

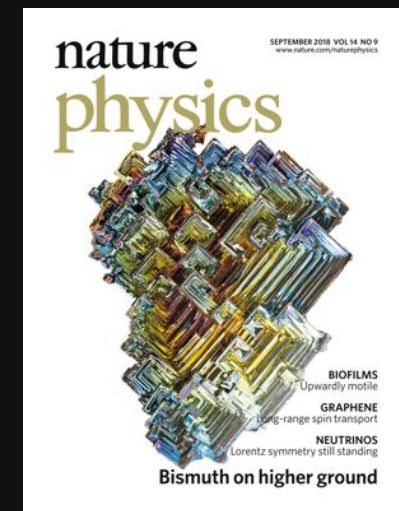
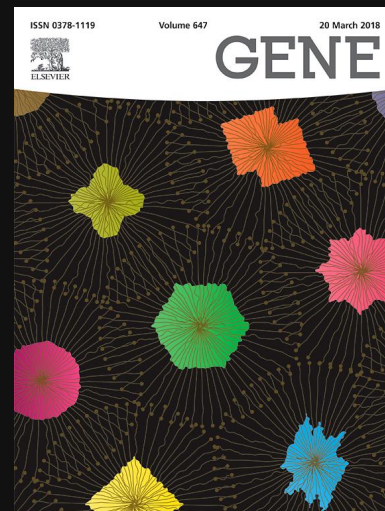
2 options

Toll Access Journals

Open Access Journals

Toll Access Journals

- Restricted Access—articles hidden behind paywall
- Business model: funded by subscriptions



Open Access Journals

- Digital, online, free of charge, free of most copyright & licensing
- Business model: funded “up front” by authors, granting agencies, or publishers

APC = Article Processing Charge

PLOS One APC: \$1,595



Toll Access Journals *with OA Options*

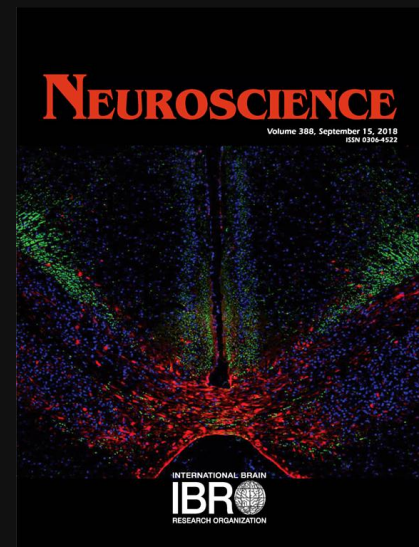
Hybrid Journals—Toll-access journals that allow authors, institutions, or funders to pay a fee (usually an APC) to make individual articles immediately OA

Toll Access Journals *with OA Options*

Hybrid Journals—Toll-access journals that allow authors, institutions, or funders to pay a fee (usually an APC) to make individual articles immediately OA

APC: \$2,400

Institutional subscription: \$13,871



Toll Access Journals *with OA Options*

Hybrid Journals—Toll-access journals that allow authors, institutions, or funders to pay a fee (usually an APC) to make individual articles immediately OA

Open access options

This journal offers authors two choices to publish their research:

Gold Open Access

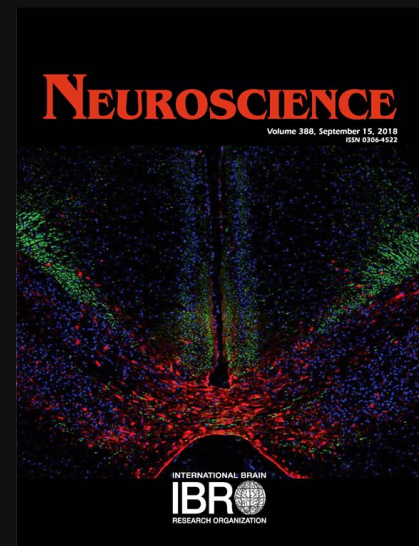
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VT OA Subvention Fund (OASF)

Underwrites APCs for OA journals
(incl. some hybrid journals)

Open to *EVERYONE* in VT community

VT OA Subvention Fund (OASF)

Underwrites APCs for OA journals
(incl. some hybrid journals)

Open to *EVERYONE* in VT community

\$1,500 per article (\$3,000 per year)

\$125k available this year

VT OA Subvention Fund (OASF)

Contact



Gail McMillan
Director, Scholarly Communication
gailmac@vt.edu

Benefits of Open Access



Open Access Terminology

Self-archiving (Green OA)

Author deposits preprint or postprint in
university/disciplinary repository

(e.g. VTechWorks, arXiv, RePEc, SocArXiv)

Publisher-driven (Gold OA)

Publisher makes article open access

(e.g. PLoS, PeerJ, Hybrid Journals)

Open Access Terminology



Open Access Terminology

Preprint

(or Submitted Version)

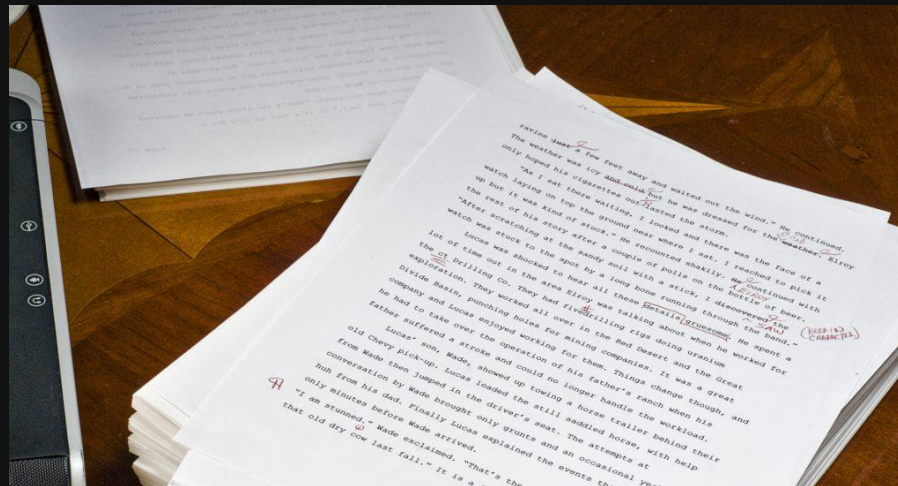
A draft that has not yet been peer-reviewed for formal publication



Open Access Terminology

Postprint (or Accepted Version)

A draft that has been peer-reviewed and that incorporates all required revisions



Open Access Terminology

Published Version (or Version of Record)

The final published version of the article



The image shows a screenshot of a PLOS ONE research article page. The page features the PLOS ONE logo in the top left, navigation links for 'Publish', 'About', and 'Browse' in the top right, and a 'plos.org' link. Below the navigation, there are icons for 'OPEN ACCESS' and 'PEER-REVIEWED'. The article title is 'From Peer-Reviewed to Peer-Reproduced in Scholarly Publishing: The Complementary Roles of Data Models and Workflows in Bioinformatics'. The authors listed are Alejandra González-Beltrán, Peter Li, Jun Zhao, Maria Susana Avila-Garcia, Marco Roos, Mark Thompson, Eelke van der Horst, Rajaram Kaliyaperumal, Ruibang Luo, Tin-Lap Lee, Tak-wah Lam, Scott C. Edmunds, Susanna-Assunta Sansone, and Philippe Rocca-Serra. The publication date is July 8, 2015, and the DOI is 10.1371/journal.pone.0127612.

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RESEARCH ARTICLE

**From Peer-Reviewed to Peer-Reproduced in Scholarly Publishing:
The Complementary Roles of Data Models and Workflows in
Bioinformatics**

Alejandra González-Beltrán , Peter Li , Jun Zhao, Maria Susana Avila-Garcia, Marco Roos, Mark Thompson, Eelke van der Horst, Rajaram Kaliyaperumal, Ruibang Luo, Tin-Lap Lee, Tak-wah Lam, Scott C. Edmunds, Susanna-Assunta Sansone , Philippe Rocca-Serra  

Published: July 8, 2015 • DOI: 10.1371/journal.pone.0127612

Open Access Terminology



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Phycologia




Journal

ISSN: 0031-8884, 2330-2968. Botany.

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 [Biological Science Database](#) 05/01/1998 - present (Full Text Delay: 6 months)

 [ProQuest Agricultural Science](#) 05/01/1998 - present (Full Text Delay: 6 months)

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 [ProQuest SciTech Collection](#) 05/01/1998 - present (Full Text Delay: 6 months)

The Future of Open Access

Challenges

- ❖ How do we pay for it?
 - Article processing charges (APCs)
 - Funding agencies
 - University subsidies
- ❖ Predatory publishing
- ❖ “Flipping” the system

“Predatory” Publishers



Dear Researcher,

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“Predatory” Publishers

[CFP] 3rd International Conference on Human Sustainability 2016 (INSAN 2016), 15th-16th November 2016, Pekanbaru, I...

September 5, 2016 at 7:28 AM MC [Details](#)

To: Pieta Eklund

3rd INSAN 2016 CALL FOR PAPER
Website : <http://insan.uthm.edu.my>
Paper Submission : <http://conference.uthm.edu.my/index.php/INSAN/insan2016/user/account>

3rd International Conference on Human Sustainability 2016 (INSAN 2016)
Date : 15th-16th November 2016
Location : Grand Jatra Hotel, Pekanbaru, Riau, Indonesia

Prospective authors and participants are invited to attend International Conference on Human Sustainability 2016 (INSAN 2016). The conference seeks submissions from academia, government, and industry presenting novel research results in various topics on human sustainability.

SCOPE
Topics of interest for INSAN 2016 include, but are not limited to :

1. Education, Language and Communication

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- Human Development Through Co-Curricular Activities
- Characters Formation
- Emotional and Spiritual Intelligence
- Education and Patriotism
- Teacher's Role in Human Capital Formation
- Roles of School in Human Sustainability
- Social Media and Media Communication
- Language and Community Learning
- Issues and Challenges in Education, Language and Communication for Human Sustainability Enhancement

2. Governance and Social Development

- Social Works
- Nation Building

“Flipping” the System



ADVISOR REPORTS FROM THE FIELD

Elsevier: Among the World's Largest Open Access Publishers as of 2016

doi:10.5260/chara.18.3.53

By Heather Morrison (*Assistant Professor, University of Ottawa, Canada*)

The Future of Open Access



The Competitiveness Council meeting in Brussels this week. EU COMPETITIVENESS COUNCIL

In dramatic statement, European leaders call for 'immediate' open access to all scientific papers by 2020

By Martin Enserink | May. 27, 2016 , 2:30 PM

Science

The Future of Open Access

Plan S

Growing impatient, eleven research funders from the UK & Europe have called for all scientists they fund (\$8.8b annually) to make their articles open immediately upon publication by 2020.

PUBLISHING

Radical plan to end paywalls

Top European research funders announce 'Plan S' to make all scientific works free to read.

BY HOLLY ELSE

Research funders from France, the United Kingdom, the Netherlands and eight other European nations have unveiled a radical open-access initiative that could change the face of science publishing in just two years — and which has instantly provoked protest from publishers.

The 11 agencies, which together spend €7.6 billion (US\$8.8 billion) in research grants annually, say they will mandate that, from 2020, the scientists they fund make resulting papers free to read immediately on publication. The papers would have a liberal publishing licence that would allow anyone else to download, translate or otherwise reuse the work. “No science should be locked behind

paywalls!” says a preamble document that accompanies the pledge, called Plan S, released on 4 September.

“It is a very powerful declaration. It will be contentious and stir up strong feelings,” says Stephen Curry, a structural biologist and open-access advocate at Imperial College London. The policy marks a “significant shift” in the open-access movement, which has seen slow progress in its bid to make scientific literature freely available online.

As written, Plan S would bar researchers from publishing in 85% of journals, including influential titles such as *Nature* and *Science*. According to a 2017 analysis, only around 15% of journals publish work immediately as open access (see ‘Publishing models’) — financed by charging per-article fees to authors or their

funders, by negotiating general open-publishing contracts with funders, or through other means.

More than one-third of journals still publish papers behind a paywall, and typically permit online release of free-to-read versions only after a delay of at least six months. And just less than half have adopted a ‘hybrid’ model of publishing, whereby they make papers immediately free to read for a fee if an author wishes, but keep most studies behind paywalls. Under Plan S, however, scientists wouldn’t be allowed to publish in these hybrid journals, except during a short transition period. The plan also states that funders will cap the amount they are willing to pay for open-access publishing fees, but doesn’t lay out what charge would be too much.

The initiative is spearheaded by Robert-Jan Smits, the European Commission’s special ▶

Connecting the Opens: Are OA and OER the Same?

Anita Walz, Open Education, Copyright & Scholarly Communication Librarian
University Libraries at Virginia Tech
October 22, 2018



Connecting OA with other “opens”



OPEN  ACCESS
Max-Planck-Gesellschaft

Contact Sitemap MPG Deutsch

BERLIN DECLARATION | BERLIN CONFERENCES | POSITIONS | ACTIVITIES | NOTES

Search

Home Berlin Declaration

Berlin Declaration

Signatories

Mission Statement

Expression of Interest

Berlin Conferences

Positions

Activities

Notes

BERLIN DECLARATION

The Internet has fundamentally changed the practical and economic realities of distributing scientific knowledge and cultural heritage. For the first time ever, the Internet now offers the chance to constitute a global and interactive representation of human knowledge, including cultural heritage and the guarantee of worldwide access. We, the undersigned, feel obliged to address the challenges of the Internet as an emerging functional medium for distributing knowledge. Obviously, these developments will be able to significantly modify the nature of scientific publishing as

Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

The Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities of 23 October 2003 was written in English. This one of the

SIGNING INSTRUCTIONS

Governments, universities, research institutions, funding agencies, foundations, libraries, museums, archives, learned societies and professional associations who share the vision expressed in the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities are therefore invited to join the signatories that have already signed the Declaration.

Contact

Prof. Dr. Martin Stratmann
Präsident der Max Planck Gesellschaft
Hofgartenstraße 8
D-80539 München
Deutschland

Email: President or Open Access Contact

PDF VERSIONS BERLIN DECLARATION

Arabic

Are OA and OER the same?

Are Open Access and OER (open educational resources)
different names for
roughly the same set of permissions?

Are OA and OER the same?

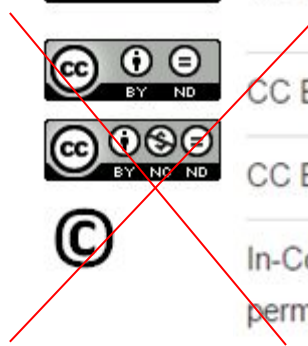
YES, if Open Access = CC BY



NO, if Open Access = free online & nothing more



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CC BY SA	Yes-under same license terms	Yes	Yes	No
CC BY NC	Yes	Yes	Yes	No
CC BY NC SA	Yes-under same license terms	Yes	Yes	No
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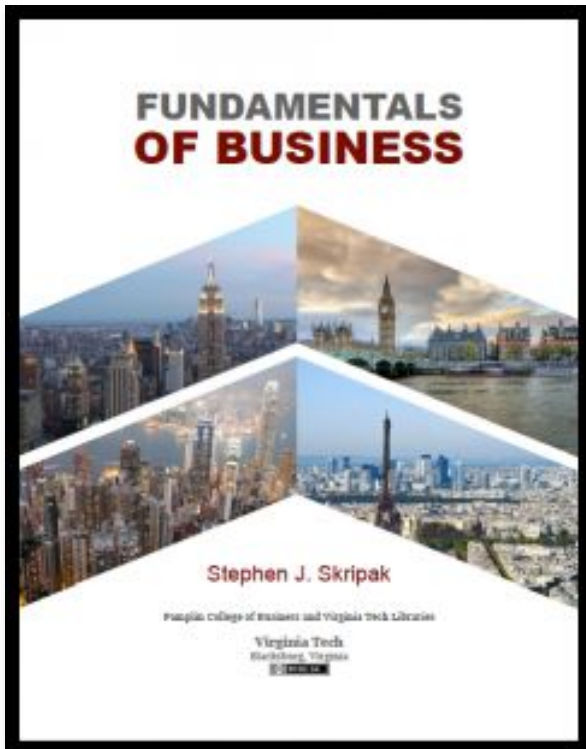
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(Fits the course learning objectives)

Philosophy: The course is more than a
textbook

Several free downloadable file types
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Print on Demand

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Project Management for Instructional Designers

([4 reviews](#))



Multiple Authors, Brigham Young University

Pub Date: 2012

ISBN 13:

Publisher: [Independent](#)

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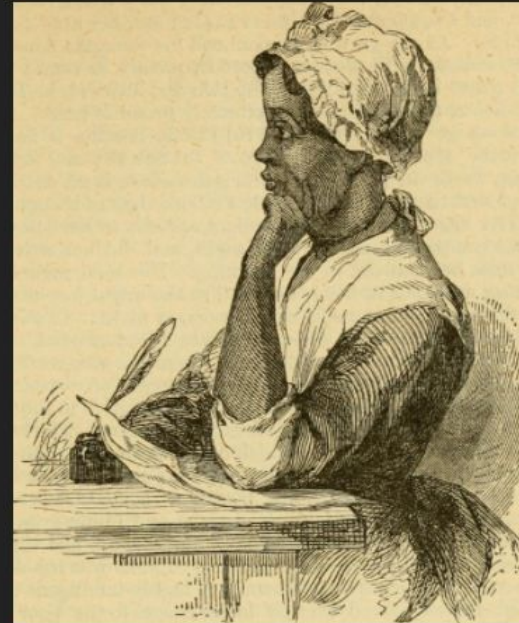
The Open Anthology of Earlier American Literature

Robin DeRosa



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<http://robinderosa.net/uncategorized/my-open-textbook-pedagogy-and-practice>

Going beyond OER

Non-disposable assignment



Open Pedagogy



**Leverages student agency
&
the real world**

to produce:

- Deeper learning approaches
- More student engagement
- Equity among students
- Value for the real world

Open Education Is:



a movement

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a philosophy

a broad, expanding set of value-driven practices.