

Affordable & equitable open access in the sciences: grassroots solutions

Jere Odell

Scholarly Communications Librarian

IUPUI

November 10, 2014

Taylor, University

Upland, Indiana

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Open access: grassroots solutions

- What? (green, gold, other)
- Why? (benefits)
- Where? (IUPUI, Taylor University, ...)
- How? (Some practical suggestion)

Spoiler Alert!

Open Access: What about Taylor University?

- Adopt an open access policy?
- Develop an open collection of works by Taylor authors?
- Get your students involved in open scholarship?

WHAT?

Budapest Open Access Initiative, 2002 -



“By ‘open access’ to [peer-reviewed research literature], we mean its free availability on the public internet ...”
(BOAI, 2012)

“Green” or “Gold”?

Green

- Author’s manuscript
- Self-archived (university repository, personal website, arXiv, SSRN, ResearchGate, ...)
- Public access (PubMed Central, OSTP, ...)









Gold

- Publisher’s version
 - No fee publishing (most OA journals)
- OR**
- Article processing fees (most OA articles)
 - PLOS, BMC, Hindawi, ...
 - Hybrid journals (“OA Choice”)

Delayed Access

HighWire Press, NEJM, Blood, Cell, ...

How Open Is It?

ACCESS	READER RIGHTS	REUSE RIGHTS	COPYRIGHTS	AUTHOR POSTING RIGHTS	AUTOMATIC POSTING	MACHINE READABILITY	ACCESS
 OPEN ACCESS 	Free readership rights to all articles immediately upon publication	Generous reuse & remixing rights (e.g., CC BY license)	Author holds copyright with no restrictions	Author may post any version to any repository or website with no delay	Journals make copies of all articles automatically available in trusted third-party repositories (e.g., PubMed Central, OpenAire, institutional) immediately upon publication	Article full text, metadata, supporting data (including format and semantic markup) & citations may be accessed via API, with instructions publicly posted	 OPEN ACCESS 
	Free readership rights to all articles after an embargo of no more than 6 months	Reuse, remixing, & further building upon the work subject to certain restrictions & conditions (e.g., CC BY-NC & CC BY-SA licenses)	Author retains/publisher grants broad rights, including author reuse (e.g., of figures in presentations/teaching, creation of derivatives) and authorization rights (for others to use)	Author may post some version (determined by publisher) to any repository or website with no delay	Journals make copies of all articles automatically available in trusted third-party repositories (e.g., PubMed Central, OpenAire, institutional) within 6 months	Article full text, metadata, & citations may be accessed via API, with instructions publicly posted	
	Free readership rights to all articles after an embargo greater than 6 months	Reuse (no remixing or further building upon the work) subject to certain restrictions and conditions (e.g., CC BY-ND license)	—————	Author may post some version (determined by publisher) to any repository or website with some delay (determined by the publisher)	Journals make copies of all articles automatically available in trusted third-party repositories (e.g., PubMed Central, OpenAire, institutional) within 12 months	Article full text, metadata, & citations may be crawled without special permission or registration, with instructions publicly posted	
	Free and immediate readership rights to some, but not all, articles (including "hybrid" models)	Some reuse rights beyond fair use for some, but not all, articles (including "hybrid models")	Author retains/publisher grants limited rights for author reuse (e.g., of figures in presentations/teaching, creation of derivatives)	Author may post some version (determined by publisher) to certain repositories or websites, with or without delays	Journals make copies of some, but not all, articles automatically available in trusted third-party repositories (e.g., PubMed Central, OpenAire, institutional) within 12 months	Article full text, metadata, & citations may be crawled with permission, with instructions publicly posted	
	Subscription, membership, pay-per-view, or other fees required to read all articles	No reuse rights beyond fair use/dealing or other limitations or exceptions to copyright (All Rights Reserved)	Publisher holds copyright, with no author reuse beyond fair use	Author may not deposit any versions to any repositories or websites at any time	No automatic posting in third-party repositories	No full text articles available for crawling	
 CLOSED ACCESS 							 CLOSED ACCESS 

HowOpenIsIt?®

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HowOpenIsIt? <http://www.plos.org/open-access/howopenisit/>

SHERPA/RoMEO database

Journal:	Journal of Geography (ISSN: 0022-1341, ESSN: 1752-6868)
RoMEO:	This is a <u>RoMEO green</u> journal
Paid OA:	A paid open access option is available for this journal.
Author's Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Publisher's Version/PDF:	✗ author cannot archive publisher's version/PDF
General Conditions:	<ul style="list-style-type: none">• Some individual journals may have policies prohibiting pre-print archiving• On author's personal website or departmental website immediately• On institutional repository or subject-based repository after a 18 months embargo• Publisher's version/PDF cannot be used• On a non-profit server• Published source must be acknowledged• Must link to publisher version• Set statements to accompany deposits (see policy)• The publisher will deposit in on behalf of authors to a designated institutional repository including PubMed Central, where a deposit agreement exists with the repository

<http://www.sherpa.ac.uk/romeo/search.php?issn=0022-1341>

Green: How Open Is It?

- ✓ Free to Read
- ✓ Author's Rights
- X Reuse
- ✓ Machine Readable (sort of)

The screenshot shows the arXiv.org interface for a paper. At the top left is the Cornell University Library logo. The top right contains a thank-you message from the Simons Foundation. Below this is a search bar with the text 'arXiv.org > hep-ph > arXiv:hep-ph/0503115'. The main content area is titled 'High Energy Physics - Phenomenology' and features the paper title 'Higgs Sector of the Left-Right Model with Explicit CP Violation' by Ken Kiers, Michael Assis, and Alexey A. Petrov. The submission date is listed as 12 Mar 2005. The abstract text is visible, starting with 'We explore the Higgs sector of the Minimal Left-Right (LR) Model based on the gauge group SU(2)_L x SU(2)_R x U(1)_{B-L} with explicit CP violation in the Higgs potential.' On the right side, there are sections for 'Download:' (PDF, PostScript, Other formats), 'Current browse context:' (hep-ph, navigation links), 'References & Citations' (INSPIRE HEP, NASA ADS), and 'Bookmark' with social media icons.

Cornell University Library

We gratefully acknowledge support from the Simons Foundation and member institutions

arXiv.org > hep-ph > arXiv:hep-ph/0503115

Search or Article-id (Help | Advanced search)

All papers Go!

High Energy Physics - Phenomenology

Higgs Sector of the Left-Right Model with Explicit CP Violation

Ken Kiers, Michael Assis, Alexey A. Petrov

(Submitted on 12 Mar 2005)

We explore the Higgs sector of the Minimal Left-Right (LR) Model based on the gauge group $SU(2)_L \times SU(2)_R \times U(1)_{B-L}$ with explicit CP violation in the Higgs potential. Since flavour-changing neutral current experiments and the small scale of neutrino masses both place stringent constraints on the Higgs potential, we seek to determine whether minima of the Higgs potential exist that are consistent with current experimental bounds. We focus on the case in which the right-handed symmetry-breaking scale is only "moderately" large, of order 15-50 TeV. Unlike the case in which the Higgs potential is CP-invariant, the CP noninvariant case does yield viable scenarios, although these require a small amount of fine-tuning. We consider a LR model supplemented by an additional $U(1)$ horizontal symmetry, which results in a Higgs sector consistent with current experimental constraints and a realistic spectrum of neutrino masses.

Download:

- PDF
- PostScript
- Other formats

Current browse context:

hep-ph

< prev | next >

new | recent | 0503

References & Citations

- INSPIRE HEP (refers to | cited by)
- NASA ADS

Bookmark (what is this?)

Icons for various services: arXiv, Crossref, Facebook, LinkedIn, etc.

Kiers K, Assis M, Petrov AA. Physical Review D, 71 (2005), 115015. <http://arxiv.org/abs/hep-ph/0503115>

Gold: How Open Is It?

\$800 APC

- ✓ Access
- ✓ Author's Rights
- ✓ Reuse
- ✓ Machine Readable

International Journal of Microbiology
Volume 2011 (2011), Article ID 340506, 12 pages
<http://dx.doi.org/10.1155/2011/340506>

Research Article

Gene Expression during Survival of *Escherichia coli* O157:H7 in Soil and Water

Ashley D. Duffitt,^{1,2} Robert T. Reber,¹ Andrew Whipple,^{1,3} and Christian Chauret²

¹Earth and Environmental Sciences, Taylor University, Upland, IN 46989, USA

²Department of Natural, Information, and Mathematical Sciences, IN University Kokomo, 2300 South Washington Street, Kokomo, Indiana 46904-9003, USA

³Department of Biology, Taylor University, Upland, IN 46989, USA

Received 15 June 2010; Revised 20 August 2010; Accepted 23 August 2010

Academic Editor: Max Teplitski


Copyright © 2011 Ashley D. Duffitt et al. This is an open access article distributed under the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

 Abstract

 Full-Text PDF

 Full-Text HTML

 Linked References

 Citations to this Article

 How to Cite this Article

 Complete Special Issue

Delayed OA: How Open Is It?

- Free to Read (3 year delay)

? ~~Author's Rights~~

X ~~Reuse~~

X ~~Machine-Readable~~

2009. Proceedings of the Indiana Academy of Science 118(2):107–113

ACETYLATION LABELING MASS SPECTROMETRY: A METHOD FOR STUDYING PROTEIN CONFORMATIONS AND INTERACTIONS

Brad King, Lynne Normant and Daniel King: Department of Chemistry & Biochemistry, Taylor University, Upland, Indiana 46989 USA

Daniel Storey: Department of Chemistry, Bethel University, St. Paul, Minnesota 55112 USA

King, B., Normant, L., King, D., & Storey, D. (2009). Acetylation labeling mass spectrometry: A method for studying protein conformations and interactions. Proceedings of the Indiana Academy of Science, 118(2), 107–113. Available from: <https://journals.iupui.edu/index.php/ias/article/view/8755/8815>

Green Open Access: “Self-Archiving”

- ✓ Free to Read
- Author’s Rights (some)
- X Reuse
- X Machine-Readable

The screenshot shows the ResearchGate interface. At the top, there's a navigation bar with 'ResearchGate', home, Q&A, Publications, and Jobs. A user profile for Robert E. Aronson is visible, with a 'Follow' button. The article title is 'A Comparison of two analytic methods for the identification of neighborhoods as intervention and control sites for community-based programs'. Authors listed are Patricia O'Campo, Margaret O'Brien Caughy, Robert Aronson, and Xiaonan Xue. The article is from 'Evaluation and Program Planning' (1997). On the right, there are buttons for 'Send the authors a message', 'Request supplementary resources', and 'Is this your publication?'. Below that, it says 'FULL-TEXT (2 Sources)' and '56 DOWNLOADS'. At the bottom, there are buttons for 'Discuss', 'Share', and 'Bookmark', along with '0 BOOKMARKS · 36 VIEWS'.

O'Campo P, O'Brien Caughy M, Aronson R, Xue X. 1997. [http://10.1016/S0149-7189\(97\)00034-7](http://10.1016/S0149-7189(97)00034-7)

Authors' Manuscript

A Comparison of Two Analytic Methods for the Identification of Neighborhoods as Intervention and Control Sites for Community-Based Programs

By: Patricia O'Campo, Margaret O'Brien Caughy, Robert Aronson and Xiaonan Xue

O'Campo P, Caughy M, [Aronson R](#), Xue X. (1997). A comparison of two analytic methods for the identification of neighborhoods as intervention and control sites for community-based programs. Evaluation and Program Planning, 20(4): 405-414.

Made available courtesy of Elsevier: [http://dx.doi.org/10.1016/S0149-7189\(97\)00034-7](http://dx.doi.org/10.1016/S0149-7189(97)00034-7)

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Abstract:

Study Objective: Interest in community as the focus of public health interventions is growing. However, choosing intervention and comparison neighborhoods when designing community based programs poses a challenge to program planners. Ideally, intervention neighborhoods should be chosen based upon risk profiles and demonstrated

O'Campo P, O'Brien Caughy M, Aronson R, Xue X. 1997.

NC Docks, author's manuscript uploaded 2010: <http://libres.uncg.edu/ir/uncg/listing.aspx?id=4420>

81% of all articles published in 2012 could be shared as accepted manuscripts in institutional repositories.

Laakso, M. (2014). Green open access policies of scholarly journal publishers: a study of what, when, and where self-archiving is allowed. *Scientometrics*, 1–20. doi:10.1007/s11192-013-1205-3. Available from: <http://www.openaccesspublishing.org/green1/Lakso2014-GreenOAPoliciesAcceptedVersion.pdf>

Key Points

- Save your manuscripts
- Read your copyright agreements
 - (<http://www.sherpa.ac.uk/romeo/>)
- Share accordingly
 - University websites (repository, lab page, personal page)
 - Personal websites
 - Subject repositories (PMC, arXiv, SSRN, PhilPapers, CiteSeer^x, RePEc ((MPRA), ...)
 - Social sites (figshare, ResearchGate, Academia.edu)

WHY?



- The Common Good
- Science, Innovation & Education
- Self-Interest

The Common Good

Global Information Inequities

Bioethics Library, 2012
Moi University, Eldoret, Kenya



Photo, IU Center for Bioethics, <http://bioethics.iu.edu>

The Common Good

Indiana's Information Deficits



Ethics guide for health care practitioners: working under conditions of an influenza pandemic. Plan, prepare, practice. Indiana State Department of Health/Indiana University, 2009.

<http://hdl.handle.net/1805/2010>

Science, Innovation & Education



“We Met Before the Internet.” Used with permission of the artist, Kurt Lightner. <http://kurtlightner.flavors.me>

Science, Innovation & Education

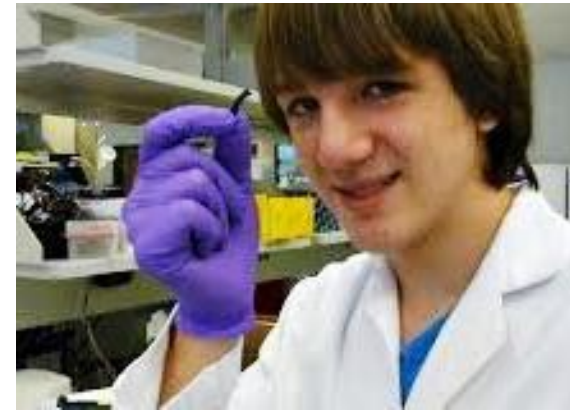


Erin C. McKiernan

Center for Research in Infectious Diseases,
National Institute of Public Health, Mexico
(Access to 139 journals)

"I will pull my name off a paper if coauthors refuse to be open. ... If I am going to 'make it' in science, it has to be on terms I can live with."

<http://dx.doi.org/10.6084/m9.figshare.954994>



Jack Andraka

2012 Intel ISEF Gordon Moore Award

"Open access would be an important first step... It would make it so much easier for people like me to find the information they need."

Why Science Journal Paywalls Have to Go. *The Student Blog*, PLOS. Feb. 18, 2013.

<http://blogs.plos.org/thestudentblog/2013/02/18/why-science-journal-paywalls-have-to-go/>

Science, Innovation & Education



Maps open data from balloon and kite photography
(326 and counting)

Do-It-Yourself "satellite" imagery

These maps were largely made by taking photos from balloons and kites, a technique adopted and



Barataria Site ABH1. Barataria Bay, Louisiana.

by | 7 months ago |



Barataria Site ABH2. Barataria Bay, Louisiana.

by | 7 months ago |



Barataria Site ABH3. Barataria Bay, Louisiana.

by | 7 months ago |



Barataria Site ABH5-East. Barataria Bay, Louisiana.

by | 7 months ago |

<http://publiclab.org/archive>

The Information Society: An International Journal

Volume 30, Issue 2, 2014



Institutions for Civic Technoscience: How Critical Making is Transforming Environmental Research

DOI: 10.1080/01972243.2014.875783

Sara Ann Wylie^a, Kirk Jalbert^b, Shannon Dosemagen^c, & Matt Ratto^d
pages 116-126

Publishing models and article dates explained

Received: 3 Sep 2012

Accepted: 5 Sep 2013

Published online: 04 Mar 2014

Article Views: 128

Wylie, S. A., Jalbert, K., Dosemagen, S., & Ratto, M. (2014). Institutions for Civic Technoscience: How Critical Making is Transforming Environmental Research. The Information Society, 30(2), 116–126. doi:10.1080/01972243.2014.875783

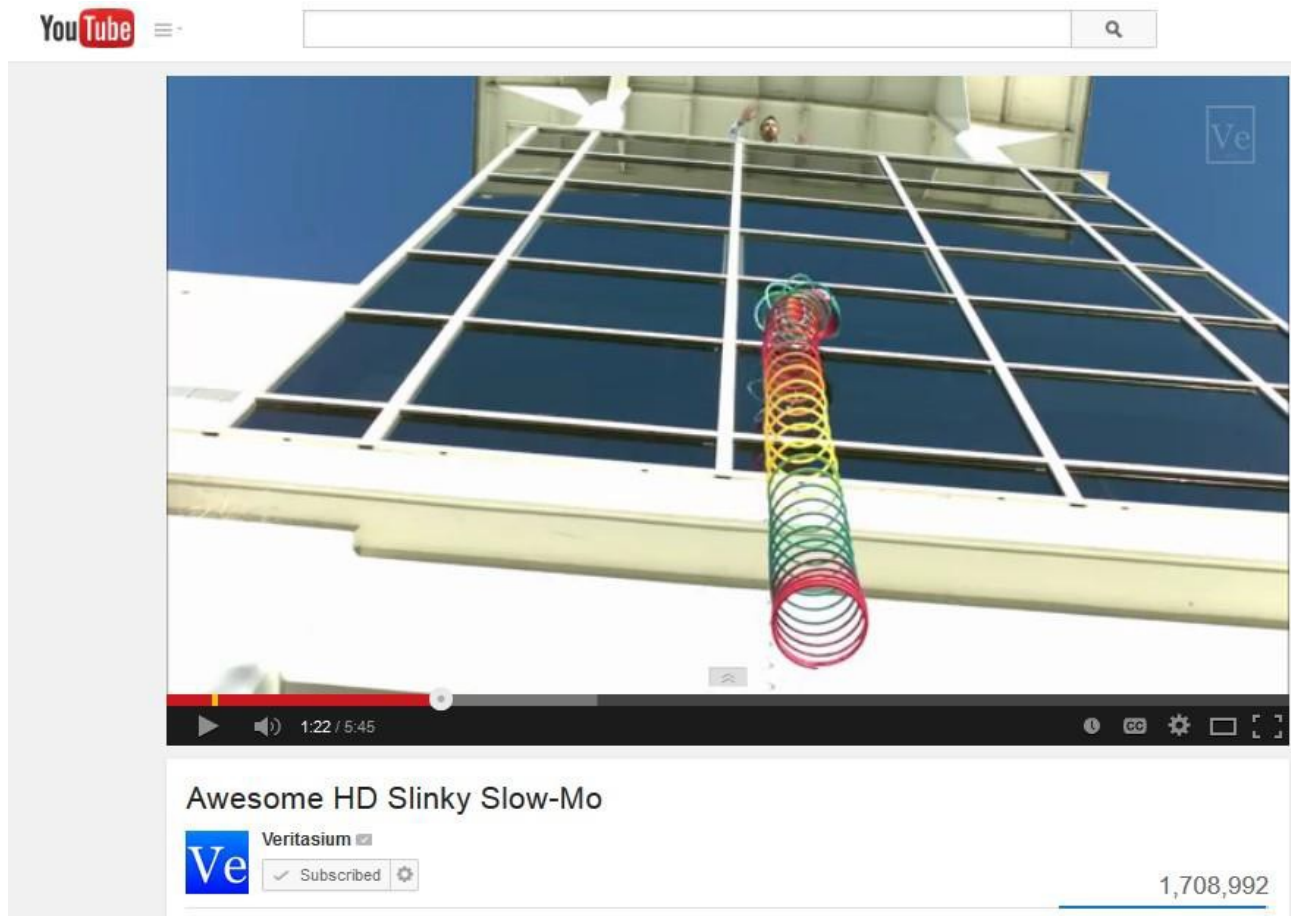
Science, Innovation & Education

We present a modification to an existing model for a falling tension spring [Calkin, Am. J. Phys. 61, 261–264 (1993)] ...

RC Cross, MS Wheatland. Am. J. Phys. 80, 1051 (2012);
<http://dx.doi.org/10.1119/1.4750489>



Modeling a falling slinky

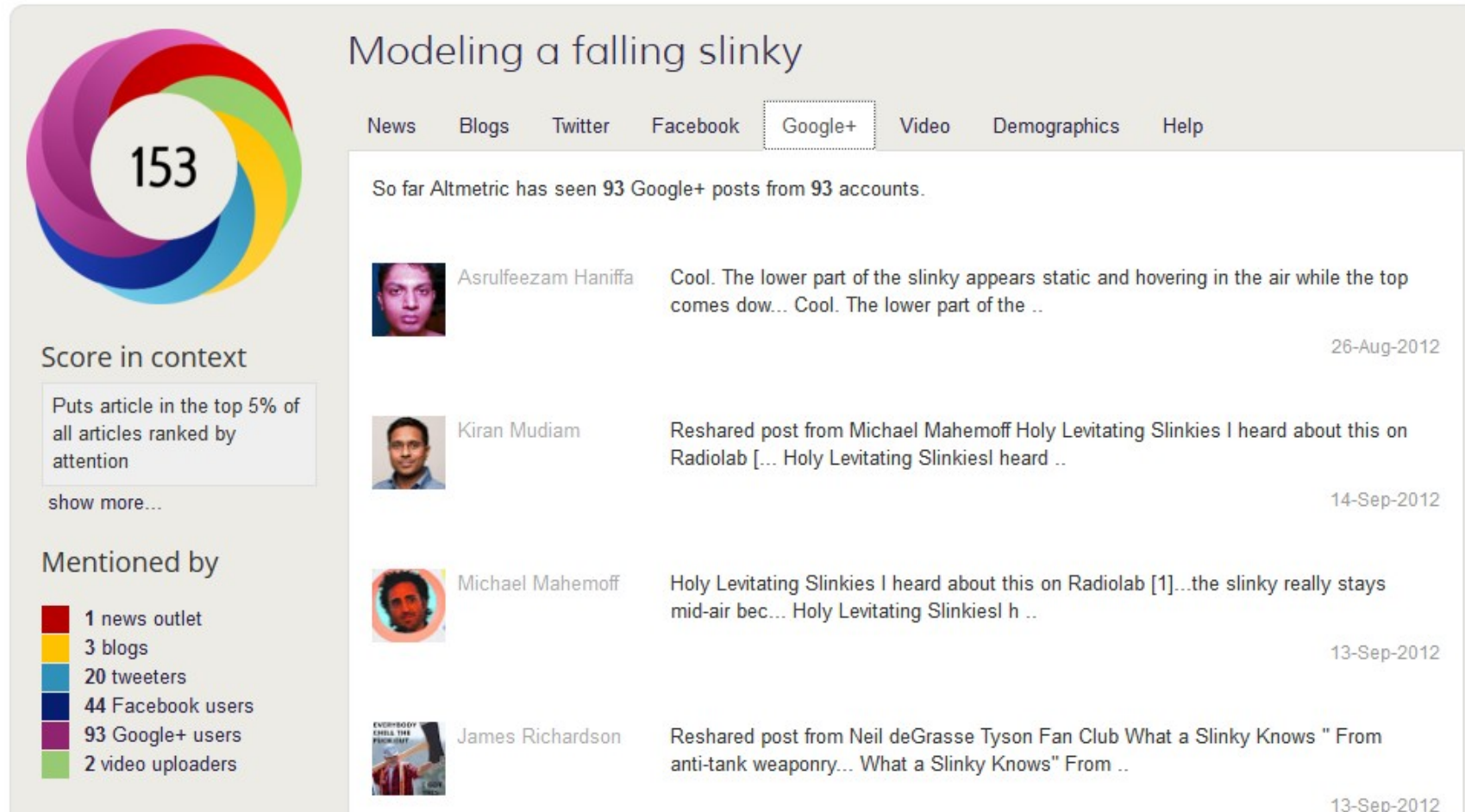


"Published on Jun 13, 2012. Read a pre-print of the physics paper here: <http://arxiv.org/abs/1208.4629>"

1.7 million views!

<https://www.youtube.com/watch?v=uiyMuHuCFo4>

Cross, R. C., & Wheatland, M. S. (2012). Modeling a falling slinky. *American Journal of Physics*, 80(12), 1051–1060. doi:10.1119/1.4750489



The screenshot shows the Altmetric interface for the article "Modeling a falling slinky". On the left, a circular badge displays the number 153, representing the article's score. Below this, a text box states "Score in context" and "Puts article in the top 5% of all articles ranked by attention". A legend titled "Mentioned by" lists the following: 1 news outlet (red), 3 blogs (yellow), 20 tweeters (light blue), 44 Facebook users (dark blue), 93 Google+ users (purple), and 2 video uploaders (green). The main content area features a navigation bar with tabs for News, Blogs, Twitter, Facebook, Google+, Video, Demographics, and Help. Below the navigation bar, a summary states: "So far Altmetric has seen 93 Google+ posts from 93 accounts." Four Google+ posts are listed, each with a profile picture, the user's name, the post text, and the date:

- Asrulfeezam Haniffa**: Cool. The lower part of the slinky appears static and hovering in the air while the top comes dow... Cool. The lower part of the .. 26-Aug-2012
- Kiran Mudiam**: Reshared post from Michael Mahemoff Holy Levitating Slinkies I heard about this on Radiolab [... Holy Levitating SlinkiesI heard .. 14-Sep-2012
- Michael Mahemoff**: Holy Levitating Slinkies I heard about this on Radiolab [1]...the slinky really stays mid-air bec... Holy Levitating SlinkiesI h .. 13-Sep-2012
- James Richardson**: Reshared post from Neil deGrasse Tyson Fan Club What a Slinky Knows " From anti-tank weaponry... What a Slinky Knows" From .. 13-Sep-2012

Self Interest

“If it isn’t online, it doesn’t exist.”

-- Hahn, K. L. (2008). Talk About Talking About New Models of Scholarly Communication. *Journal of Electronic Publishing*, 11(1).
<http://dx.doi.org/10.3998/3336451.0011.108>

If it's behind a paywall, it doesn't want readers.



Self Interest

- More readers
- More citations
- More influence

OA Citation Advantage

20-250% increase

The OACA is debated, but an overwhelming majority of studies confirm:

Hitchcock, S. (2013, June 25). The effect of open access and downloads ('hits') on citation impact: a bibliography of studies.

<http://opcit.eprints.org/oacitation-biblio.html>

Atchison, A., & Bull, J. (2015). Will OA Get Me Cited? An Analysis of the Efficacy of Open Access Publishing in Political Science. PS: Political Science & Politics (forthcoming). Retrieved from http://works.bepress.com/jonathan_bull/18

Donovan, J. M., Watson, C. A., & Osborne, C. (2014). *The Open Access Advantage for American Law Reviews* (SSRN Scholarly Paper No. ID 2506913). Rochester, NY: Social Science Research Network. Retrieved from <http://papers.ssrn.com/abstract=2506913>

Wohlrabe, K., & Birkmeier, D. (2014). Do open access articles in economics have a citation advantage? Retrieved from <http://mpra.ub.uni-muenchen.de/56842/>

Kullman, L. (2014). The Effect of Open Access on Citation Rates of Self-Archived Articles at Chalmers. Proceedings of the IATUL Conferences. Retrieved from <http://docs.lib.purdue.edu/iatul/2014/bibliometrics/2>

Piwowar, H. A., & Vision, T. J. (2013). Data reuse and the open data citation advantage. *PeerJ*, 1, e175. doi:10.7717/peerj.175

Björk, B.-C., & Solomon, D. (2012). Open access versus subscription journals: a comparison of scientific impact. *BMC Medicine*, 10(1), 73. doi:10.1186/1741-7015-10-73

Xia, J., Myers, R. L., & Wilhoite, S. K. (2010). Multiple open access availability and citation impact. *Journal of Information Science*, doi:10.1177/0165551510389358

Gargouri, Y., Hajjem, C., Larivière, V., Gingras, Y., Carr, L., Brody, T., & Harnad, S. (2010). Self-Selected or Mandated, Open Access Increases Citation Impact for Higher Quality Research. *PLoS ONE*, 5(10), e13636. doi:10.1371/journal.pone.0013636

Swan, A. (2010, February). The Open Access citation advantage: Studies and results to date. Retrieved from <http://eprints.soton.ac.uk/268516/>

Wagner, A. B. (2010). Open Access Citation Advantage: An Annotated Bibliography. *Issues in Science and Technology Librarianship*. Retrieved from <http://www.istl.org/10-winter/article2.html>

Hajjem, C., Harnad, S., & Gingras, Y. (2006). Ten-Year Cross-Disciplinary Comparison of the Growth of Open Access and How it Increases Research Citation Impact. arXiv:cs/0606079. Retrieved from <http://arxiv.org/abs/cs/0606079>

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...

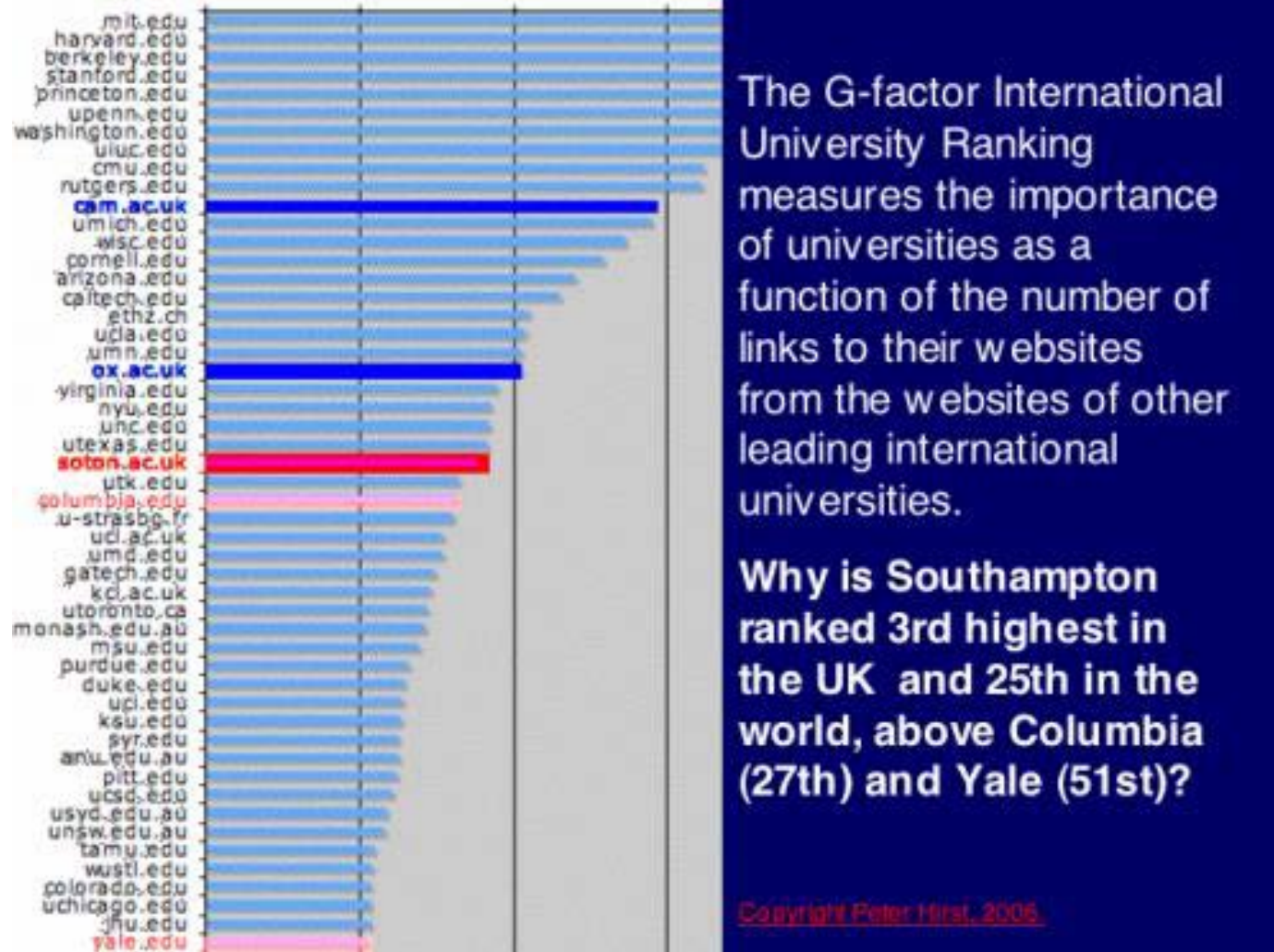
OA Increases Readership no debate

Davis, P. M. (2011). Open access, readership, citations: a randomized controlled trial of scientific journal publishing. *The FASEB Journal*, 25(7), 2129–2134. doi:10.1096/fj.11-183988

Davis, P. M., Lewenstein, B. V., Simon, D. H., Booth, J. G., & Connolly, M. J. L. (2008). Open access publishing, article downloads, and citations: randomised controlled trial. *BMJ*, 337(jul31 1), a568–a568. doi:10.1136/bmj.a568

“I provide statistical analysis of citation, readership, publication and survey data for editorial boards, scientific societies and academic publishers.” – Phil Davis, <http://phil-davis.org/>

OA Increases Visibility



The G-factor International University Ranking measures the importance of universities as a function of the number of links to their websites from the websites of other leading international universities.

Why is Southampton ranked 3rd highest in the UK and 25th in the world, above Columbia (27th) and Yale (51st)?

Copyright Peter Hirst, 2006.

OA Impact at IUPUI

Peter H. Schwartz, MD, PhD

Associate Professor of Philosophy

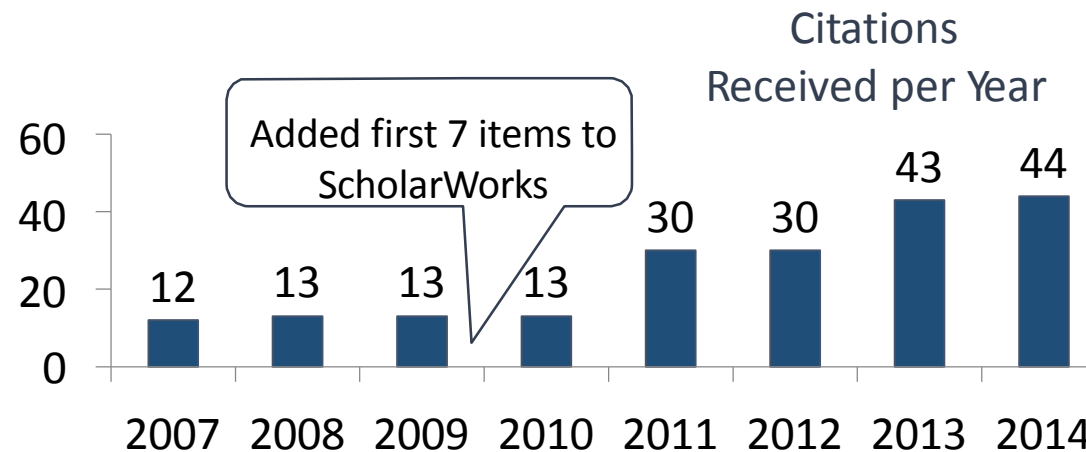
Associate Professor of Medicine

Faculty profile page links to ScholarWorks

items: <http://bioethics.iu.edu/schwartz>

Items in ScholarWorks: **16**

3,486 downloads (Jan 1, 2010 to the present)



Department of English
36,000 downloads
(30 items, 3 years)

The screenshot shows the website for the Department of English at Indiana University-Purdue University Indianapolis (IUPUI). The header features the university's logo and name. Below the header, there is a navigation bar with links for Home, Why English?, News, Calendar/Events, University Writing Center, and Contact Us. A search bar is also present. The main content area is divided into several sections: a left sidebar with a list of program and resource links, a central image of two women holding a certificate, and a right sidebar with a faculty position announcement, a Facebook link, and an alumni news section. The footer contains a welcome message.

LIBERAL ARTS @ IUPUI **ENGLISH**

Home | Why English? | News | Calendar/Events | University Writing Center | Contact Us | Search IUPUI | Go

Undergraduate Program
Minors in English
Graduate Program
Advising
EAP Program
Writing Program
Student Resources
Faculty Resources
Alumni and Donors
News
Reiberg Reading Series
University Writing Center
Directory

FACULTY POSITION
Assistant Professor of English
(Composition and Rhetoric,
Writing Center Director)

Visit us on Facebook

English ALUMNI
Tell Us Your News!

Welcome to the Department of English

Vanity? Yes, but ...

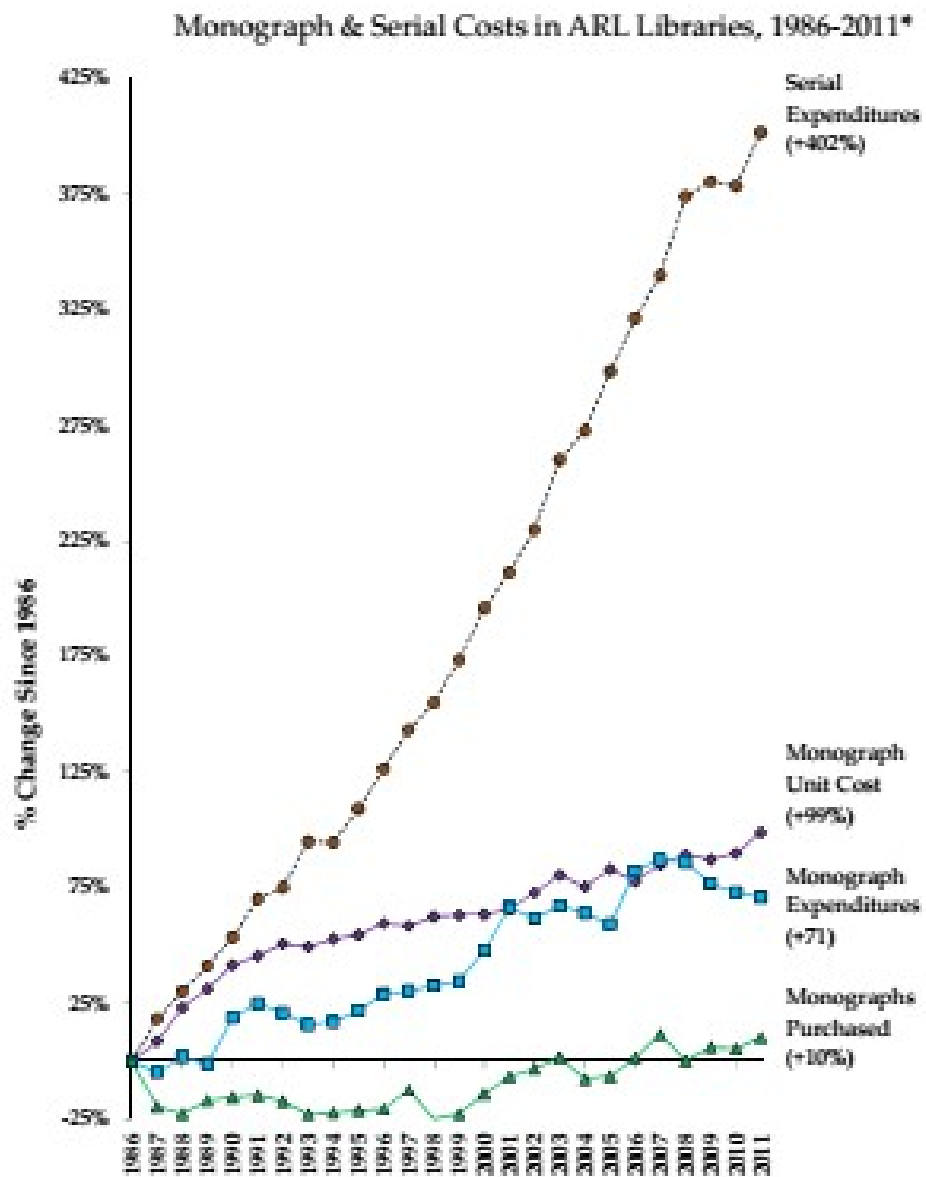


It's Also Personal ...



A screenshot of the Nature Reviews Neuroscience website. The header is green with the text "nature REVIEWS NEUROSCIENCE" in white. Below the header, there are two main columns. The left column is titled "JOURNAL CONTENT" and lists: "Journal home", "Advance online publication", "Current issue", "Archive", "Web Focuses", "Article Series", "Podcasts", and "Posters". Below this is "Journal information" with a link to "Guide to Nature Reviews Neuroscience". The right column is titled "Nature Reviews Neuroscience" and features a cover image of a brain with a plant growing out of it. Below the cover, it says "2013 ISI Impact Factor 31.376*" and "Next issue date: 20 November 2014".

Price libraries pay per article: \$105.41
(Ted Bergstron & Preston McAfee,
<http://www.journalprices.com/>)



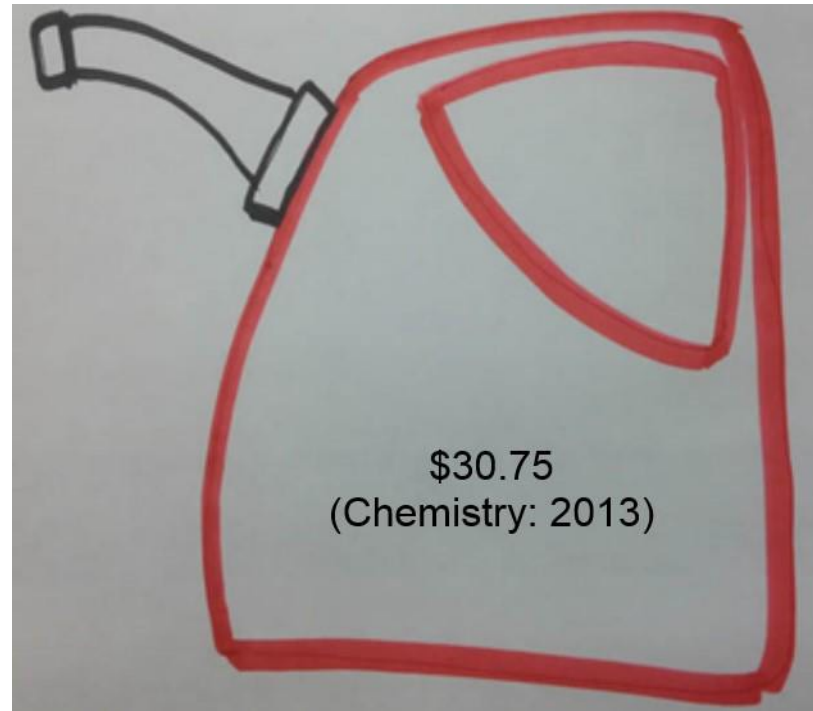
Science Journals

- Average price for a Chemistry journal in 2013: **\$4,450**
- Avg. annual increase in prices for science journals: **6%**
- Projected price increases for U.S. academic libraries in 2015: **7.1%**

Bosch S, Henderson K. Steps Down the Evolutionary Road | Periodicals Price Survey 2014. Library Journal; April 2014. Available from: <http://lj.libraryjournal.com/2014/04/publishing/steps-down-the-evolutionary-road-periodicals-price-survey-2014>

If “the gallon of gas had increased in price at the same rate as chemistry ... journals” from 1975 to 2013, today’s gas prices would be over \$30.75 per gallon.

<http://dx.doi.org/10.6084/m9.figshare.1026336>



Lewis, D. W. (2008). Library Budgets, Open Access, and the Future of Scholarly Communication. *College & Research Libraries News*, 69(5), 271–273. Available from: <http://hdl.handle.net/1805/1167>

THE HARVARD LIBRARY

News

News Archive

- » Draft Harvard Library Mission Statement
- » Happy Holidays from the Harvard Library
- » Photos: Pop-Up Innovation Space Showcases Projects Exploring and Celebrating Libraries
- » Photos: Microsoft Surface Tables Installed,

Faculty Advisory Council Memorandum on Journal Pricing

Major Periodical Subscriptions Cannot Be Sustained



To: Faculty Members in all Schools, Faculties, and Units

From: [The Faculty Advisory Council](#)

Date: April 17, 2012

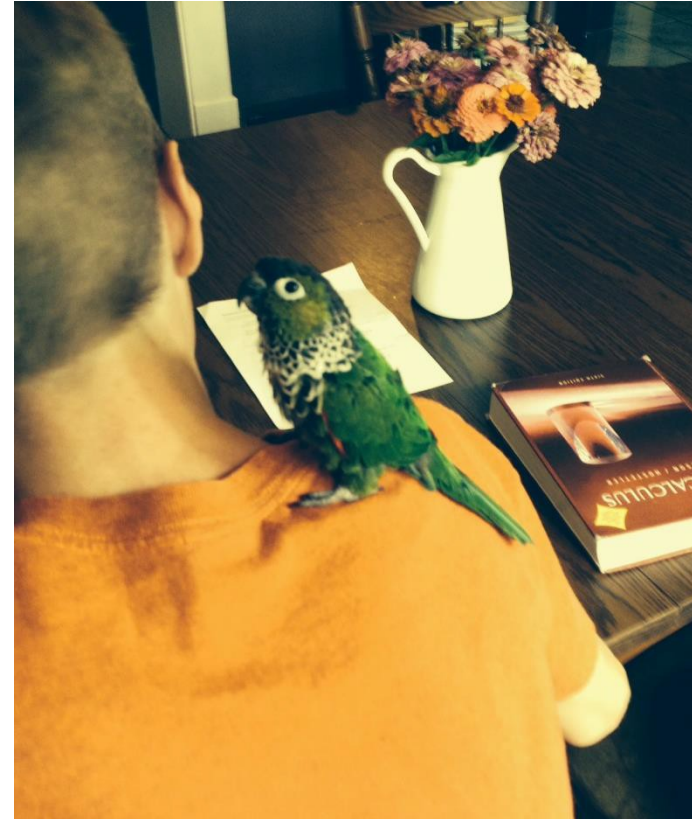
RE: Periodical Subscriptions

We write to communicate an untenable situation facing the Harvard Library. Many large journal publishers have made the scholarly communication environment fiscally unsustainable and academically restrictive. This situation is exacerbated by efforts of certain publishers (called "providers") to acquire, bundle, and increase the pricing on journals.

“Some journals cost as much as \$40,000 per year, others in the tens of thousands. Prices for online content from two providers have increased by about 145% over the past six years, which far exceeds not only the consumer price index, but also the higher education and the library price indices. ... **It is untenable for contracts with at least two major providers to continue** on the basis identical with past agreements. Costs are now prohibitive.” (April 17, 2012:

<http://isites.harvard.edu/icb/icb.do?keyword=k77982&tabgroupid=icb.tabgroup143448>)

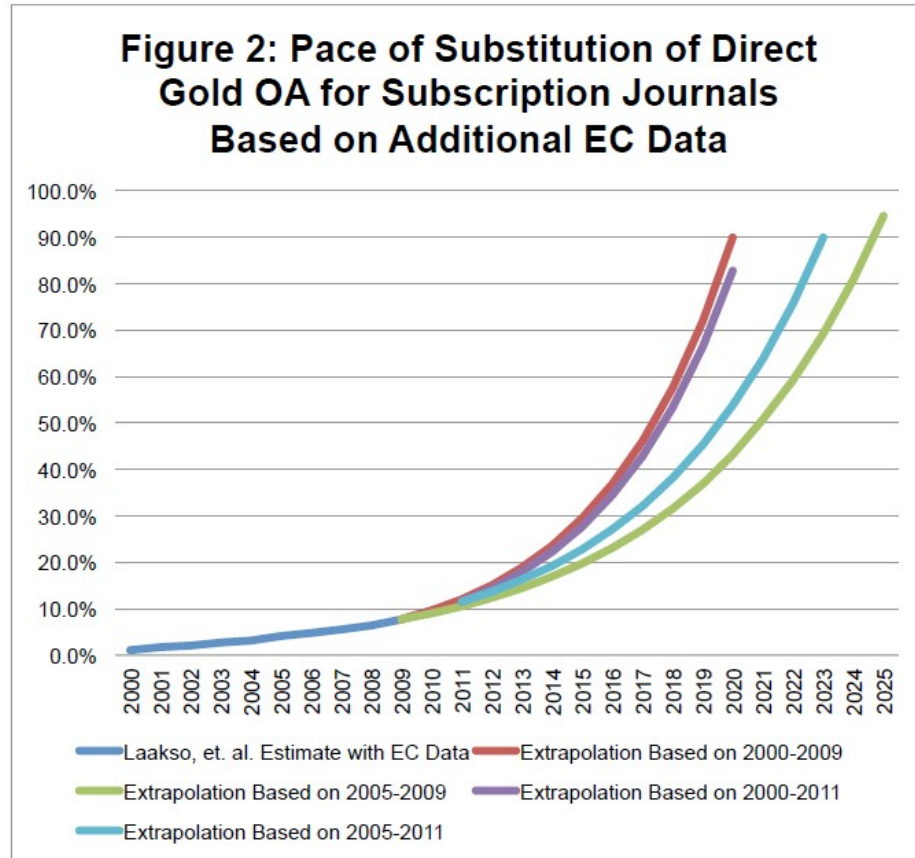
Change?



“We Met Before the Internet.” Used with permission of the artist, Kurt Lightner.

<http://kurtlightnerflavors.me>

Open Access: Inevitable?



“This analysis suggests that Gold OA could account for **50 percent of the scholarly journal articles sometime between 2018 and 2020**, and 90 percent of articles as soon as 2021 and more conservatively by 2024.”

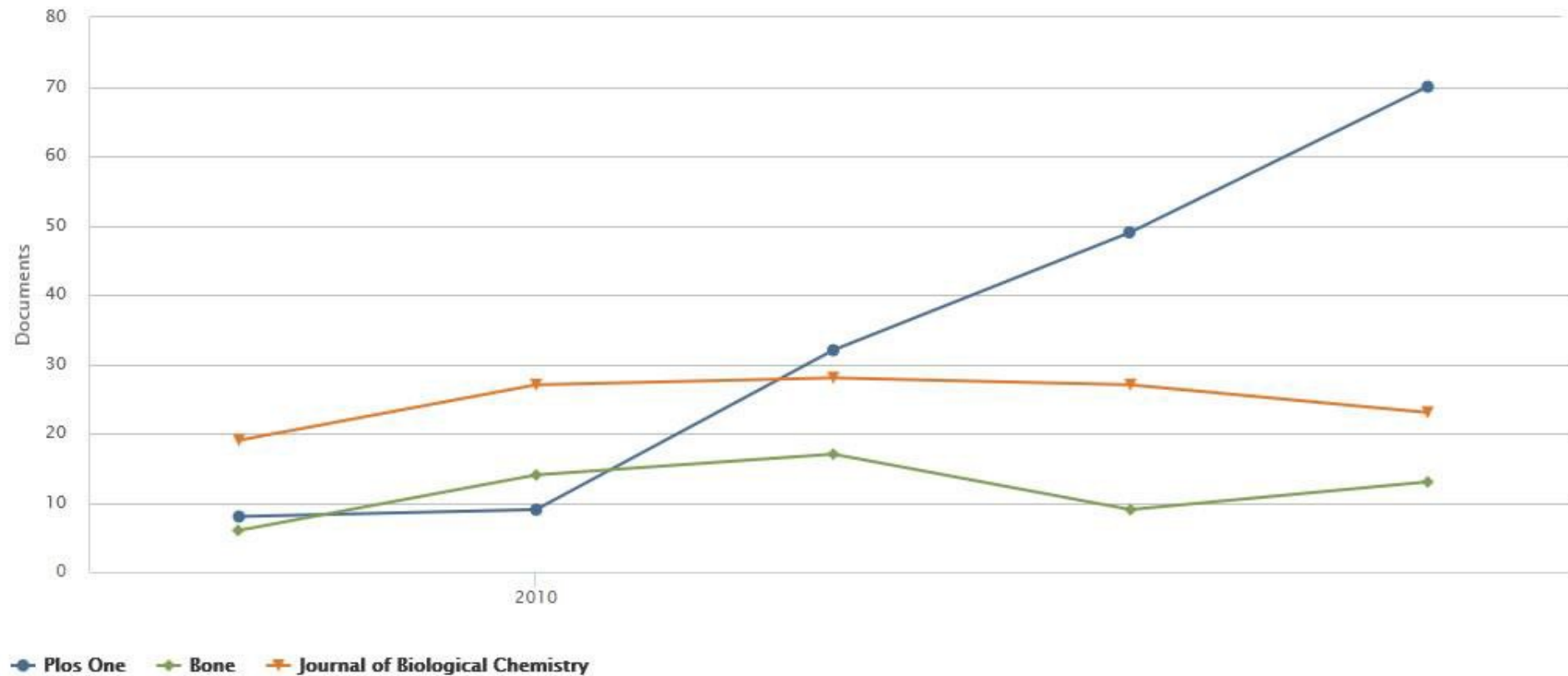
Lewis, D. W. (2013). The Inevitability of Open Access: Update One (Working Paper). Available from: <http://hdl.handle.net/1805/3471>

Lewis, D. W. (2012). The Inevitability of Open Access. *College & Research Libraries*, 73(5), 493–506. Available from: <http://hdl.handle.net/1805/2929>

IUPUI Authored Articles per Year (2009-2013)

PLOS ONE Leads all other Journals

Documents per year by source



Green OA: Annual Growth Rate

Annual growth rate for all articles published per year: 3%

(Jinha, 2010. doi:10.1087/20100308)

Green Open Access

- OA Repositories (OpenDOAR): 11%
- Articles "free to read" (BASE): 29%
- NIH Public Access (PMC): 14%
- arXiv: 11%
- SSRN: 16%
- Open Access Policies (ROARMAP): 16%

Morrison, H. (2014, October 1). Dramatic Growth of Open Access September 30, 2014: some useful numbers for open access week. *The Imaginary Journal of Poetic Economics*. Retrieved from <http://poeticeconomics.blogspot.com/2014/10/dramatic-growth-of-open-access.html>

<http://www.opendoar.org/>
www.base-search.net
<http://www.ncbi.nlm.nih.gov/pmc/>
<http://arxiv.org/>
<http://www.ssrn.com/en/>
<http://roarmap.eprints.org/>

Large publishers are getting in the game ...

SCIENCEINSIDER

Breaking news and analysis from the world of science policy

AAAS Launches Open-Access Journal

12 February 2014 4:00 pm

ScienceAdvances AAAS



Royal Society of Chemistry flagship journal goes Gold open access

15 July 2014

FOR IMMEDIATE RELEASE | November 01, 2013

American Chemical Society extends new open access program designed to assist authors

ACS
central
science



Opening up communications

Nature Communications 5, Article number: 5523 | doi:10.1038/ncomms6523

Published 20 October 2014

 Springer Open



ELSEVIER

Wiley Open Access

SAGE open

... and some bottom feeders too.

NATURE | NEWS FEATURE



Investigating journals: The dark side of publishing

The explosion in open-access publishing has fuelled the rise of questionable operators.

[Declan Butler](#)

27 March 2013

Science 4 October 2013:
Vol. 342 no. 6154 pp. 60-65
DOI: 10.1126/science.342.6154.60

NEWS

Who's Afraid of Peer Review?

[John Bohannon](#)

A spoof paper concocted by *Science* reveals little or no scrutiny at many open-access journals.

The New York Times

Scientific Articles Accepted (Personal Checks, Too)

By [GINA KOLATA](#)

Published: April 7, 2013 | [316 Comments](#)

Suggested reading (pay-walled):

Xia, J., Harmon, J. L., Connolly, K. G., Donnelly, R. M., Anderson, M. R., & Howard, H. A. (2014). Who publishes in “predatory” journals? *Journal of the Association for Information Science and Technology*. doi:10.1002/asi.23265

WHERE?

What about IUPUI?

(What are we trying to do to meet the change?)



IUPUI Open Access Fund

(Aug. 2013 – July 2015)

18 articles supported, to date.

Average fee: \$1,224.00

<http://www.ulib.iupui.edu/digitalscholarship/oafund>

Including:

Kechavarzi & Janga, 2014:

<http://dx.doi.org/10.1186/gb-2014-15-1-r14>

Research

Highly accessed

Open Access

Dissecting the expression landscape of RNA-binding proteins in human cancers

Bobak Kechavarzi¹ and Sarath Chandra Janga^{1,2,3}*

* Corresponding author: Sarath C Janga scjanga@iupui.edu

▼ Author Affiliations

¹ Department of Biohealth Informatics, School of Informatics and Computing, Indiana University – Purdue University, 719 Indiana Ave Ste 319, Walker Plaza Building, Indianapolis, IN 46202, USA

² Center for Computational Biology and Bioinformatics, Indiana University School of Medicine, 5021 Health Information and Translational Sciences (HITS), 410 West 10th Street, Indianapolis, IN 46202, USA

³ Department of Medical and Molecular Genetics, Indiana University School of Medicine, Medical Research and Library Building, 975 West Walnut Street, Indianapolis, IN 46202, USA

For all author emails, please [log on](#).

Genome Biology 2014, **15**:R14

doi:10.1186/gb-2014-15-1-r14

IUPUI Open Access Journals

- Complete peer review system (OJS)
- 12 titles
- (5+ new titles in 2014)
- 17,000+ articles
- 25,000 downloads per month



Proceedings of the Indiana Academy of Science

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Mammals of the Goose Pond Fish and Wildlife Area, Greene County, Indiana						PDF
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<i>Kacie A. Ehrenberger, John B. Dunning, Jr.</i>						158-169

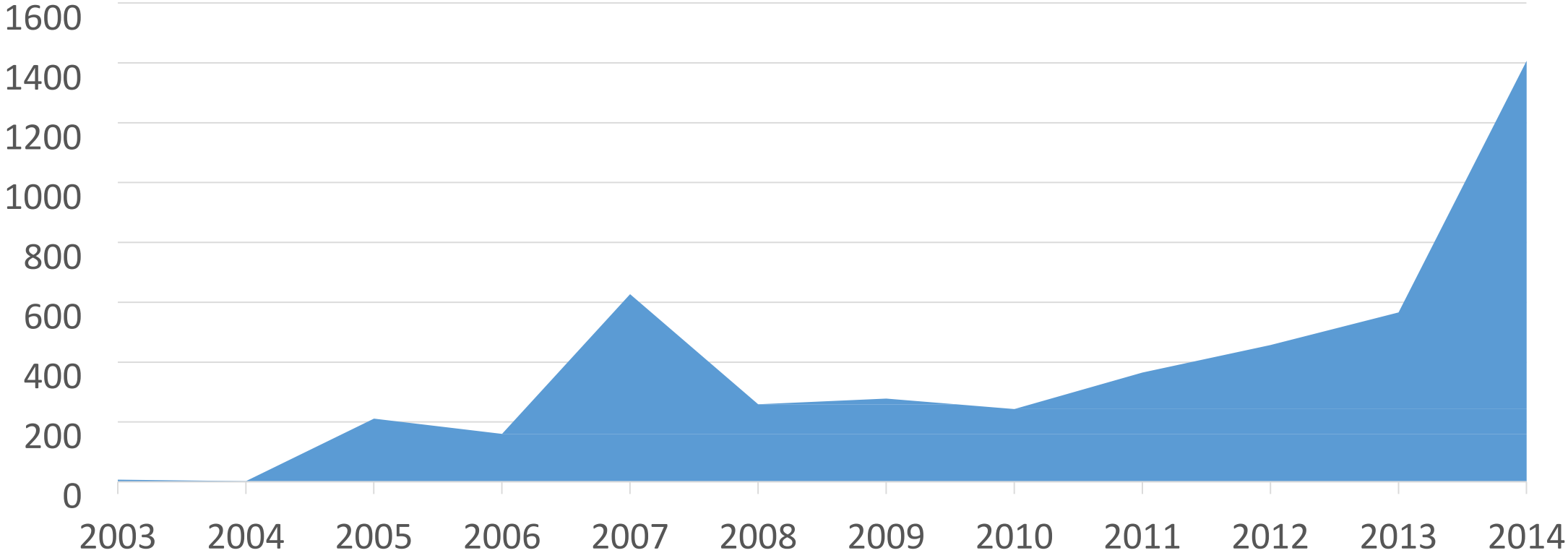
<https://journals.iupui.edu/index.php/ias/index>

IUPUI ScholarWorks

(4,528 and counting)

<https://scholarworks.iupui.edu/>

Items Archived per Year





IUPUI
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Open Access

Circular 2014-10

FULL POLICY CONTENTS

[Scope](#)
[Policy Statement](#)
[Reason for Policy](#)
[FAQs](#)
[Definitions](#)

Effective: *October 7, 2014, by the IUPUI Faculty Council*

Last Updated:

Faculty Council Committee:

Library Affairs

Policy Contact:

Angela Bruzzaniti, Chair

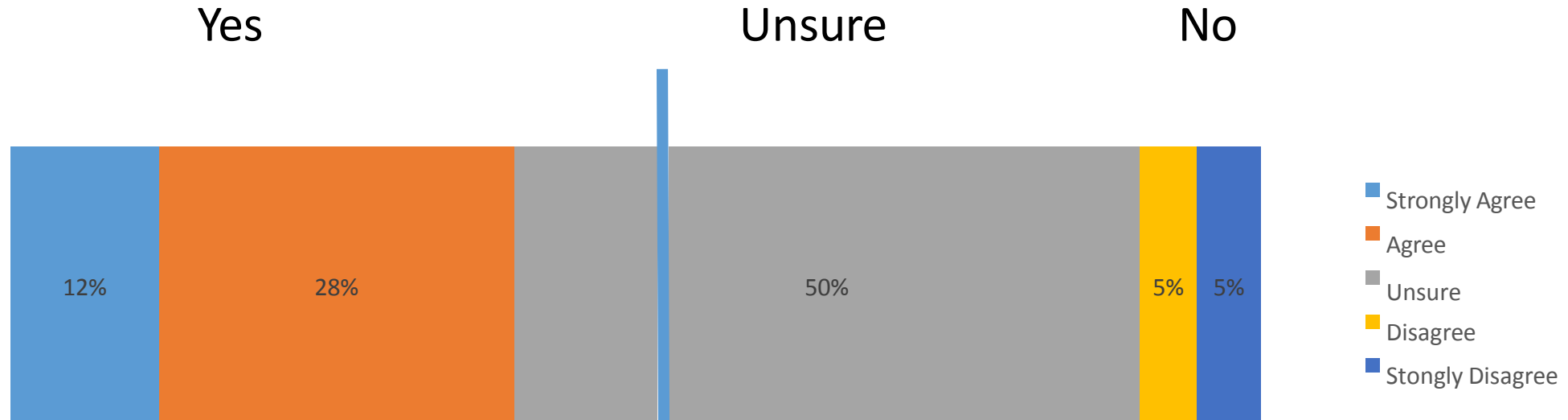
abruzzan@iupui.edu

IUPUI Open Access Policy, adopted Oct. 7, 2014:

http://www.iupui.edu/~fcouncil/committees/library_affairs/open_access_policy_2014-10.pdf

Faculty Survey, 2013

(Should IUPUI adopt an open access policy?)



Spring 2015

What about Taylor University?

Become the 3rd university in Indiana to adopt an open access policy -

<https://osc.hul.harvard.edu/modelpolicy>

- **DePauw University, April 2014:**

<http://www.depauw.edu/handbooks/academic/genpol/open-access-policy/>

- **IUPUI, October 2014:**

http://www.iupui.edu/~fcouncil/committees/library_affairs/open_access_policy_2014-10.pdf

- **Taylor University, ?:**

What about Taylor University?

Go Green: “Self” Archive

Don't worry about software; just load files on a Taylor webpage.

Demonstrate capacity & interest first—try software later

(e.g. see: *Inklings Forever* : http://library.taylor.edu/cslewis/inklings_forever/)

Google Scholar search: "taylor university" ("upland, indiana" OR "upland, in" OR "46989" OR "taylor.edu")

limited to 2012

- **58 Results**
- Discarded: 41 (books, in text mentions, other false-positives)
- Kept: 17 items
- Archiving not permitted for 3 items:
 - FASEB Journal (2 conference abstracts)
 - Journal of Chemical Education (1 article)
- Archive-able: **14 items**

What about Taylor University?

Go Green: “Self”-Archive 2012

- Bowell, D. J. (2012). A Case for Vibrant Library Consortia and for the Academic Libraries of Indiana (ALI): As Much and More. *Indiana Libraries*, 31(1), 41–45.
- Chechowich, F. E. (2012). Intergenerational Ministry: A Review of Selected Publications Since 2001. *Christian Education Journal*, 9(1), 182–193.
- Cramer, J., & Toll, B. (2012). Beyond Competency: A Context-driven CSO Course. In *Proceedings of the 43rd ACM Technical Symposium on Computer Science Education* (pp. 469–474). New York, NY, USA: ACM. doi:10.1145/2157136.2157272
- Gutierrez-Sanchez, G., King, D., Kemp, G., & Bergmann, C. (2012). SPR and differential proteolysis/MS provide further insight into the interaction between PGIP2 and EPGs. *Fungal Biology*, 116(7), 737–746. doi:10.1016/j.funbio.2012.04.010
- Kiers, K. (2012a). CP violation in hadronic tau decays. Retrieved from <http://arxiv.org/abs/1212.6921>
- Kiers, K. (2012b). Synchronization and Encryption with a Pair of Simple Chaotic Circuits. Presented at the 2012 Conference on Laboratory Instruction Beyond the First Year of College, University of Pennsylvania and Drexel University. Retrieved from <http://advlabs.aapt.org/bfy/Detail.cfm?id=4827>
- Labavitch, J., Powell, A. L. T., Bennett, A., King, D., & Booth, R. (2012). Optimizing Grape Rootstock Production and Export of Inhibitors of Xylella fastidiosa Polygalacturonase Activity. Retrieved from http://files.piercesdisease.org/reports/2012/03/19/Progress_Report_CDFA_project_08-0171.pdf
- Nicholas, T., Chen, S.-E., & Boyajian, D. (2012). Mode I Fatigue of the Carbon Fiber-Reinforced Plastic–Concrete Interface Bond. *Experimental Techniques*, 36(4), 67–73. doi:10.1111/j.1747-1567.2011.00739.x
- Phillips, S. A. (2012). Human germline genetic enhancement and C. S. Lewis’s *The Abolition of Man*. *Ethics & Medicine: An International Journal of Bioethics*, 28(2), 115+.
- Poucher, D. (2012). A Best Practice with an Integrated, Semester-Long Group Project-Corporate Finance. *Christian Business Academy Review*, Spring 2012, 61–68.
- Rogowski, A., & Farlow, J. (2013). Relative abundance of vertebrate microfossils of the Pipe Creek Sinkhole (Late Neogene, Grant County, IN). In *Geosciences Faculty Presentations*. Retrieved from http://opus.ipfw.edu/geosci_facpres/82
- Severe, M. (2012). The Powers of Evaluation in Youth Ministry Communities. Presented at the Association of Youth Ministry Educators. Retrieved from <http://www.aymeducators.org/wp-content/uploads/The-Powers-of-Evaluation-in-Youth-Ministry-Communities-by-Michael-Severe.pdf>
- Smith, R. G. (2012). Untamable Texts: Literary Studies and Narrative Theory in the Books of Samuel (review). *Hebrew Studies*, 53(1), 377–385. doi:10.1353/hbr.2012.0015
- Spiegel, J. S. (2012). Open-mindedness and intellectual humility. *Theory and Research in Education*, 10(1), 27–38. doi:10.1177/1477878512437472

https://www.zotero.org/groups/tu_self_archiving_idea_2012

Authors' Manuscript

A Comparison of Two Analytic Methods for the Identification of Neighborhoods as Intervention and Control Sites for Community-Based Programs

By: Patricia O'Campo, Margaret O'Brien Caughy, Robert Aronson and Xiaonan Xue

O'Campo P, Caughy M, [Aronson R](#), Xue X. (1997). A comparison of two analytic methods for the identification of neighborhoods as intervention and control sites for community-based programs. Evaluation and Program Planning, 20(4): 405-414.

Made available courtesy of Elsevier: [http://dx.doi.org/10.1016/S0149-7189\(97\)00034-7](http://dx.doi.org/10.1016/S0149-7189(97)00034-7)

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Abstract:

Study Objective: Interest in community as the focus of public health interventions is growing. However, choosing intervention and comparison neighborhoods when designing community based programs poses a challenge to program planners. Ideally, intervention neighborhoods should be chosen based upon risk profiles and demonstrated

O'Campo P, O'Brien Caughy M, Aronson R, Xue X. 1997.

NC Docks, author's manuscript uploaded 2010: <http://libres.uncg.edu/ir/uncg/listing.aspx?id=4420>

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- Well-educated graduates will want access to scholarship
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<http://www.righttoresearch.org/>

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Jere Odell

jdodell@iupui.edu

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