Digital scholarship and open access: Sharing research and scholarship in new ways

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10th Annual Connecting Campuses with Communities
IUPUI Research Academy
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Owning Your Community-Engaged Scholarly Work

- Motivations:
  - The personal is professional … the profession becomes personal.
- Open Access for Community Engaged Scholarship
  - A principled case
  - A self-interested case
- How to do it … legally and a low cost.

Ethics guide for health care practitioners: working under conditions of an influenza pandemic. Plan, Prepare, Practice [Pocket version]. http://hdl.handle.net/1805/2011

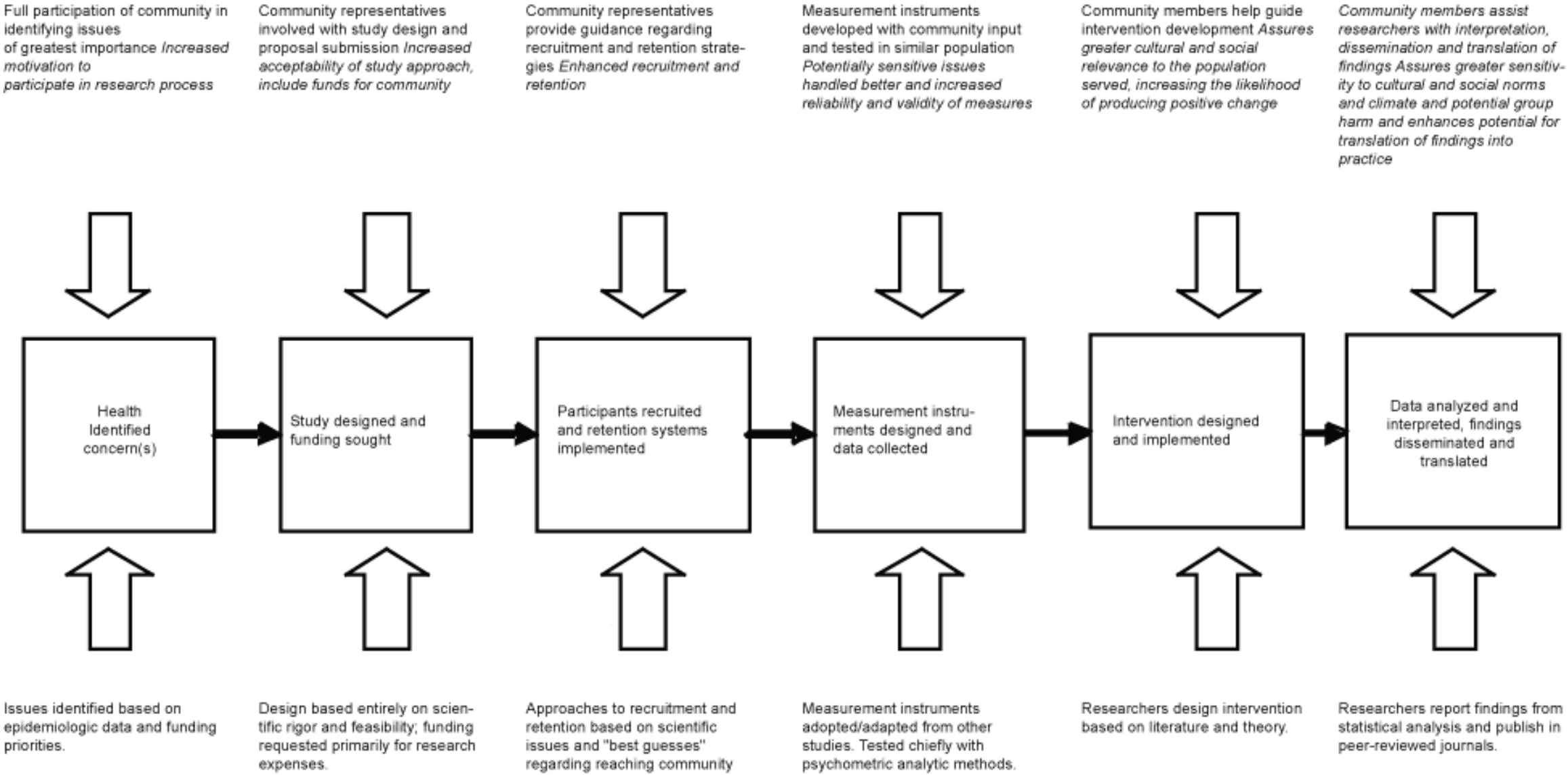
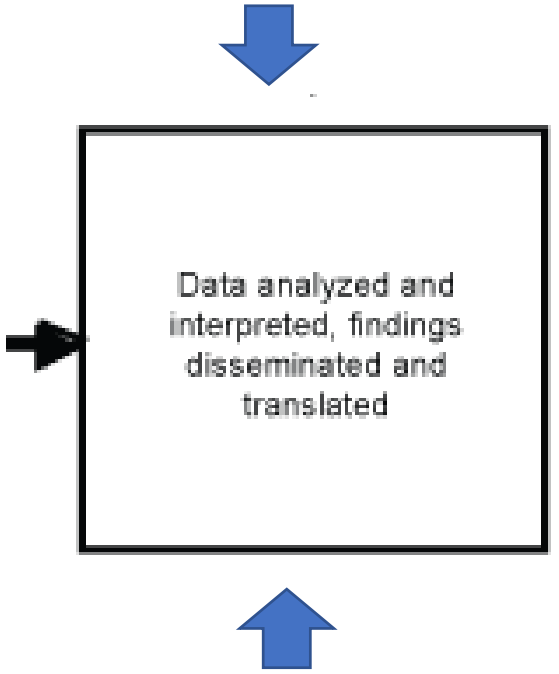


Figure 1.1.1: Comparison of CBPR and Traditional Research: https://depts.washington.edu/ccph/cbpr/u1/u11.php

Community members assist researchers with interpretation, dissemination and translation of findings Assures greater sensitivity to cultural and social norms and climate and potential group harm and enhances potential for translation of findings into practice



Researchers report findings from statistical analysis and publish in peer-reviewed journals.

Family and Community Health
The Journal of Health Promotion & Maintenance

Articles & Issues | Collections | For Authors | Journal Info

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A Church-based Physical Activity Intervention for African American Women

Young, Deborah Rohm PhD; Stewart, Kerry J. EdD

Family & Community Health: April-June 2006 - Volume 29 - Issue 2 - p 103–117
Article

Don’t let your publishing practices serve as a barrier to community-engaged scholarship

Principles of CBPR:

"8. Disseminates findings and knowledge gained **to all partners**" (Barbara A. Israel, et al. 1998.)

Definition of “public scholarship”

Publicly engaged academic work ... encompasses **different forms of making knowledge** about, for, and with diverse publics and communities. ...[I]t **contributes to the public good and yields artifacts** of public and intellectual value. (Ellison, J., & Eatman, T. K. 2008).

How do your publishing activities benefit the research ecosystem?

Subscription Journal Market

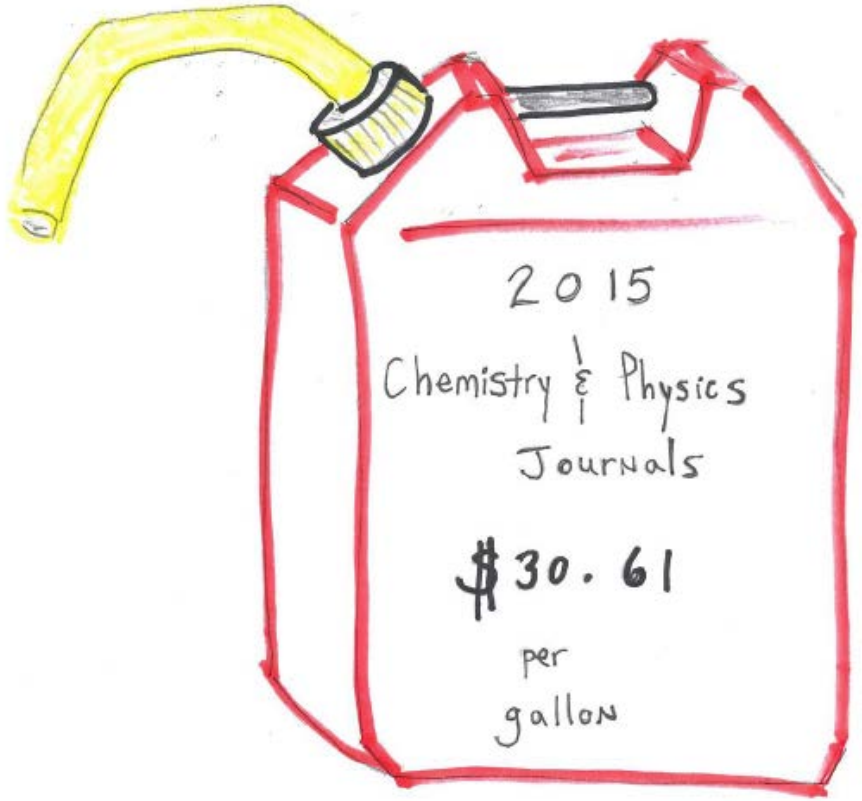
- 88% of the journal share is subscription-based
- Majority owned by 5 very profitable companies (*Elsevier, Springer, Wiley, Taylor & Francis, SAGE* …)

- Profit margins: 30% - 40% (*in contrast: Apple, 23%; Eli Lilly, 20%; Berkshire Hathaway, 11%*)
- CEOs of Elsevier, Thomson, Wolters Kluwer: $13+ mil. salaries (*in contrast: Jeff Bezos, Amazon $1.7 mil*.)
- Subscription prices increase by 6% - 7% per year

Larivière, et al. 2015; Sola, 2016.; Tivnan, 2017.

Image: Flaticon

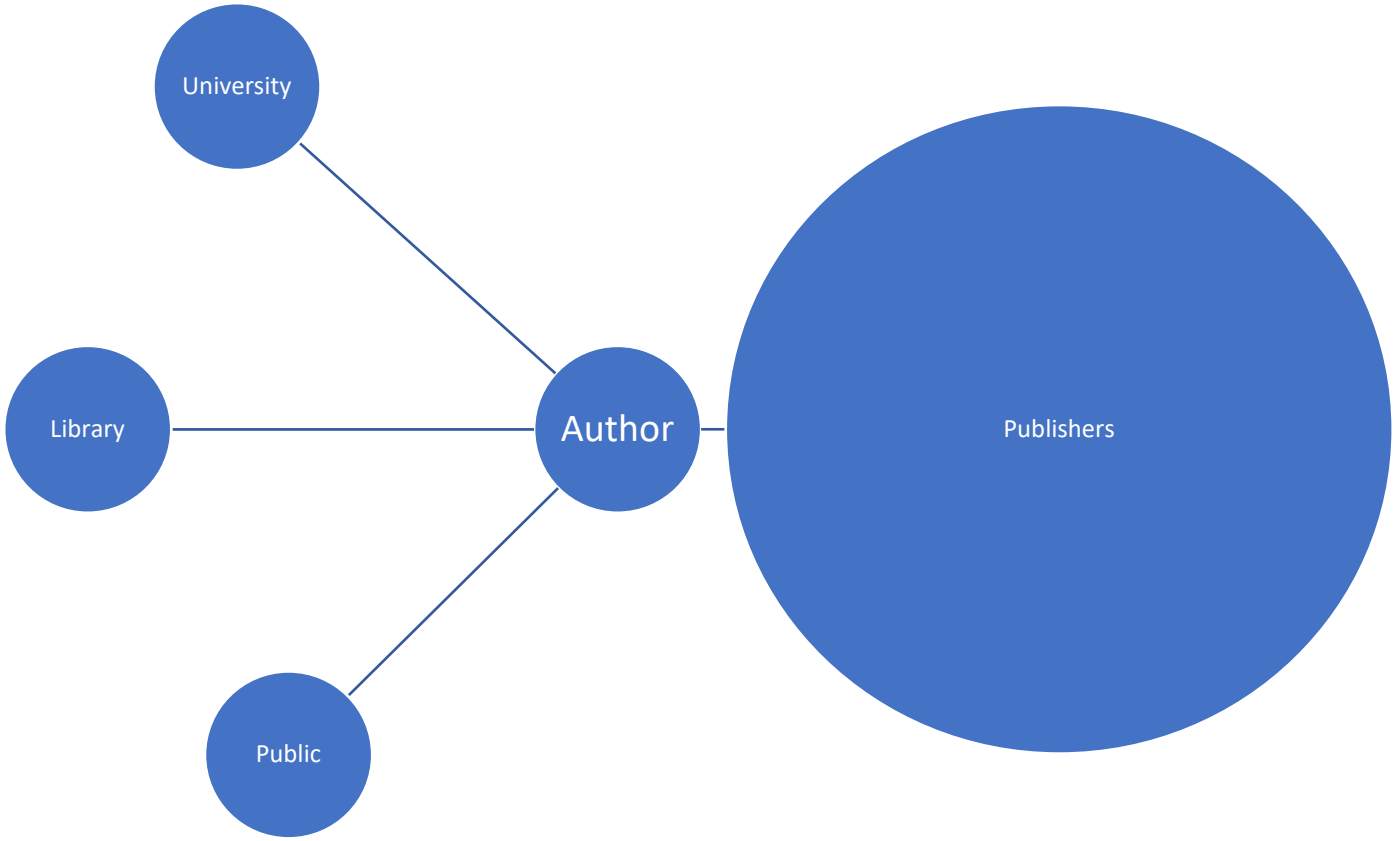
If gasoline prices kept pace with journal prices …



$4,276

Average price for a subscription to a Chemistry or Physics journal in 2015

Odell, 2016. The Lewis …. http://hdl.handle.net/1805/8684


University
Library
Author
Publishers
Public

Be a Responsible Citizen of the Scholarly Ecosystem

Will publishing in this venue result in a return on your community's investment?
(Does the university lose resources? Do researchers and students share the profits?)

Will publishing in this venue contribute to your credibility as a scholar?

Will publishing in this venue permit low-cost or no-cost dissemination to academic and community readers?

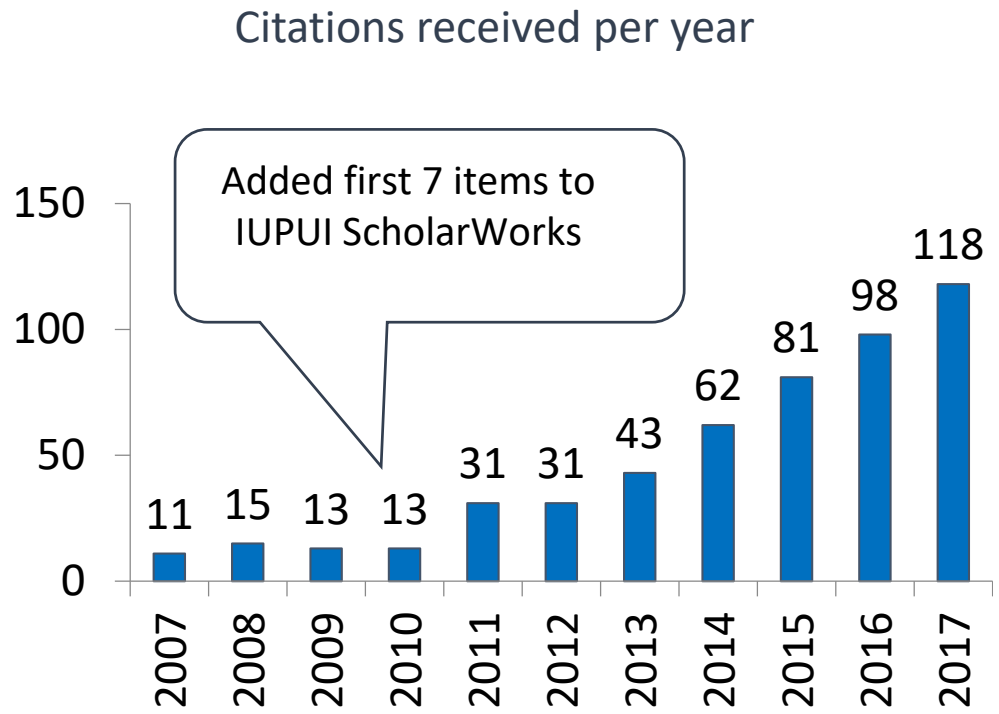
Will publishing in this venue result in a return on your investment?
(Do you own the work? Do you share in the profits?)

https://thinkchecksubmit.org/

Self-Interest: OA … What's In It for You?

- Readers, readers, readers …
- Increased citation rate (18% or more)

Peter H. Schwartz, MD, PhD
Bioethicist
Depts. of Medicine & Philosophy
Items in ScholarWorks: 28
Downloads: **4,371**
(Jan 1, 2010 to the present)



Self-Interest: OA … What's In It for You?

- Translation without condescension
- Supplemental metrics

The Washington Post
Democracy Dies in Darkness

Economy

Charities fear tax bill could turn philanthropy into a pursuit only for the rich

By Todd C. Frankel December 23, 2017

The source of concern is how the tax bill is expected to sharply reduce the number of taxpayers who qualify for the charitable tax deduction — a big driver of gifts to nonprofits. One study predicts that donations will fall by at least $13 billion, about 4.5 percent, next year. That decline is expected to be concentrated among gifts from the middle of the income scale. The richest Americans will mostly keep their ability to take the tax break.

OA report published on IUPUI ScholarWorks; cited by *The Washington Post*.
Over 3,000 downloads in Dec. 2017 from: http://hdl.handle.net/1805/12599

What can you do about it?

In four points

1) Own Your Professional “About” Page
2) Seek open and alternative publishing approaches
3) Report item-level impact and other metrics
4) Support “Open” in Your Organization

1. Own your professional “about” page

- Why? You need a home page to tell the story of your community-engaged work.
- What? Google Scholar + 1
- How? The more that you own the site, the better. Don’t give your data away to a for-profit.
  - Recommended Tools:
    - ORCID: http://orcid.org/
    - Your campus website; e.g., pages.iu.edu
    - https://reclaimhosting.com/
    - WordPress.com

Google Scholar Profile

Google Scholar

SIGN IN

Jere Odell

FOLLOW

GET MY OWN PROFILE

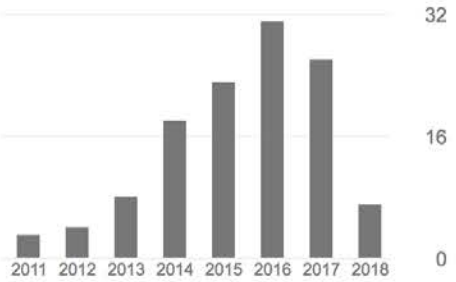
Scholarly Communications Librarian
Verified email at iupui.edu - Homepage

Open Access Scholarly Communications Ethics Community Engagement

TITLE	CITED BY	YEAR
Perspective: Is It Time for Advocacy Training in Medical Education? D Croft, SJ Jay, EM Meslin, MM Gaffney, JD Odell Academic Medicine 87 (9), 1165-1170	34	2012
The interdisciplinary influence of library and information science 1996–2004: A journal-to-journal citation analysis J Odell, R Gabbard College & Research Libraries 69 (6), 546-565	34	2008
Giving patients granular control of personal health information: Using an ethics 'Points to Consider' to inform informatics system designers EM Meslin, SA Alpert, AE Carroll, JD Odell, WM Tierney, PH Schwartz International journal of medical informatics	24	2013
Promotion and Tenure for Community-Engaged Research: An Examination of Promotion and Tenure Support for Community-Engaged Research at Three Universiti... DG Marrero, EJ Hardwick, LK Staten, DA Savaiano, JD Odell, KF Comer, ... Clinical and translational science 6 (3), 204-208	12	2013
Rewarding open access scholarship in promotion and tenure Driving institutional change J Odell, H Coates, K Palmer	5	2016

Cited by VIEW ALL

	All	Since 2013
Citations	128	114
h-index	5	5
i10-index	4	4



Co-authors VIEW ALL

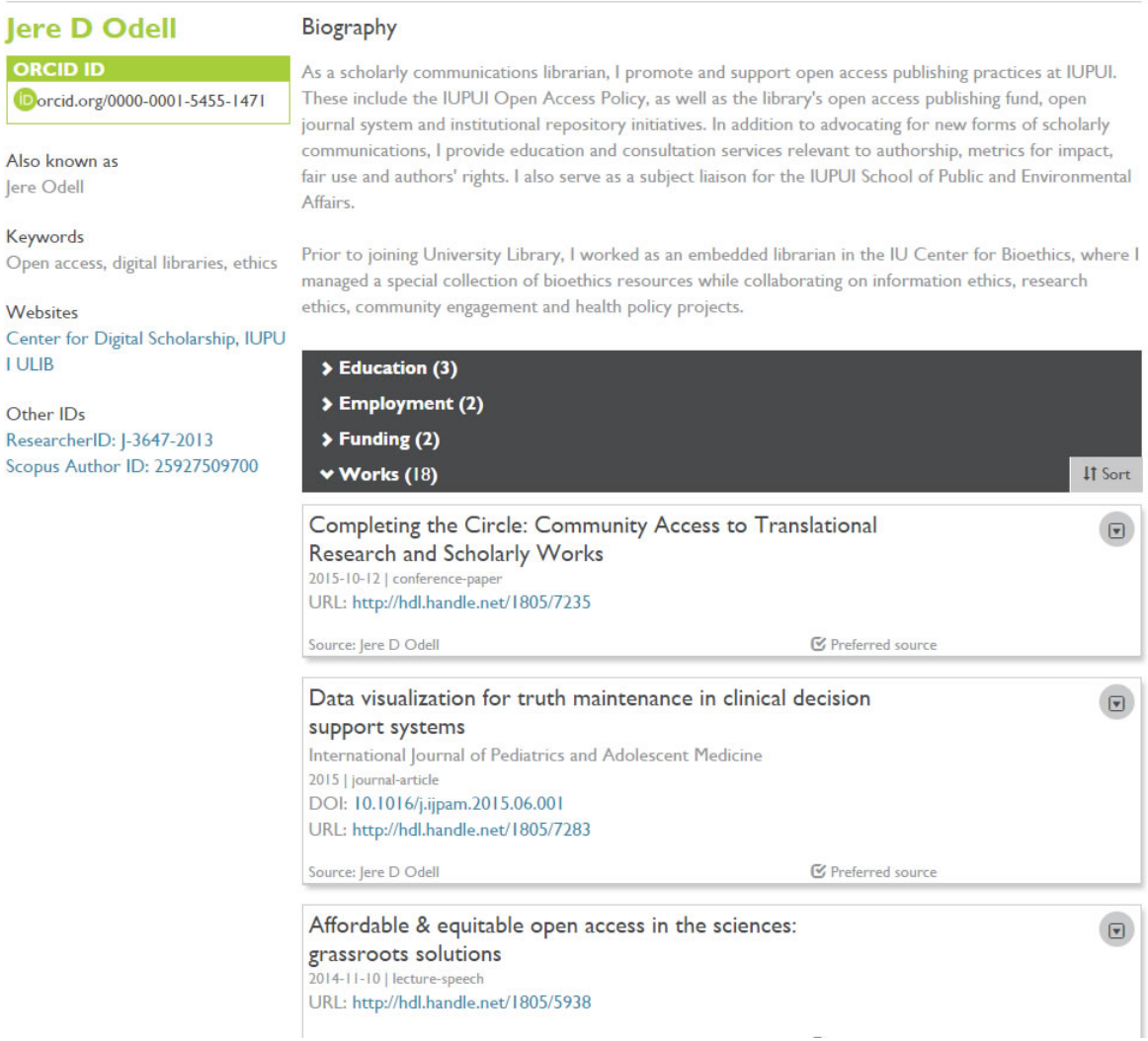
Eric M. Meslin
Professor of Bioethics, Indiana U...

ORCID

- Open Researcher and Contributor ID
- non-profit, community-driven
- registry of unique researcher identifiers
- 16-digit numbers for scholarly authors
- a complete bio page; free.

http://orcid.org/0000-0001-5455-1471

http://orcid.org/



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Open access, digital libraries, ethics

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Biography

As a scholarly communications librarian, I promote and support open access publishing practices at IUPUI. These include the IUPUI Open Access Policy, as well as the library's open access publishing fund, open journal system and institutional repository initiatives. In addition to advocating for new forms of scholarly communications, I provide education and consultation services relevant to authorship, metrics for impact, fair use and authors' rights. I also serve as a subject liaison for the IUPUI School of Public and Environmental Affairs.

Prior to joining University Library, I worked as an embedded librarian in the IU Center for Bioethics, where I managed a special collection of bioethics resources while collaborating on information ethics, research ethics, community engagement and health policy projects.

› Education (3)

› Employment (2)

› Funding (2)

⌄ Works (18)

Sort

Completing the Circle: Community Access to Translational Research and Scholarly Works

2015-10-12 | conference-paper

URL: http://hdl.handle.net/1805/7235

Source: Jere D Odell Preferred source

Data visualization for truth maintenance in clinical decision support systems

International Journal of Pediatrics and Adolescent Medicine

2015 | journal-article

DOI: 10.1016/j.ijpam.2015.06.001

URL: http://hdl.handle.net/1805/7283

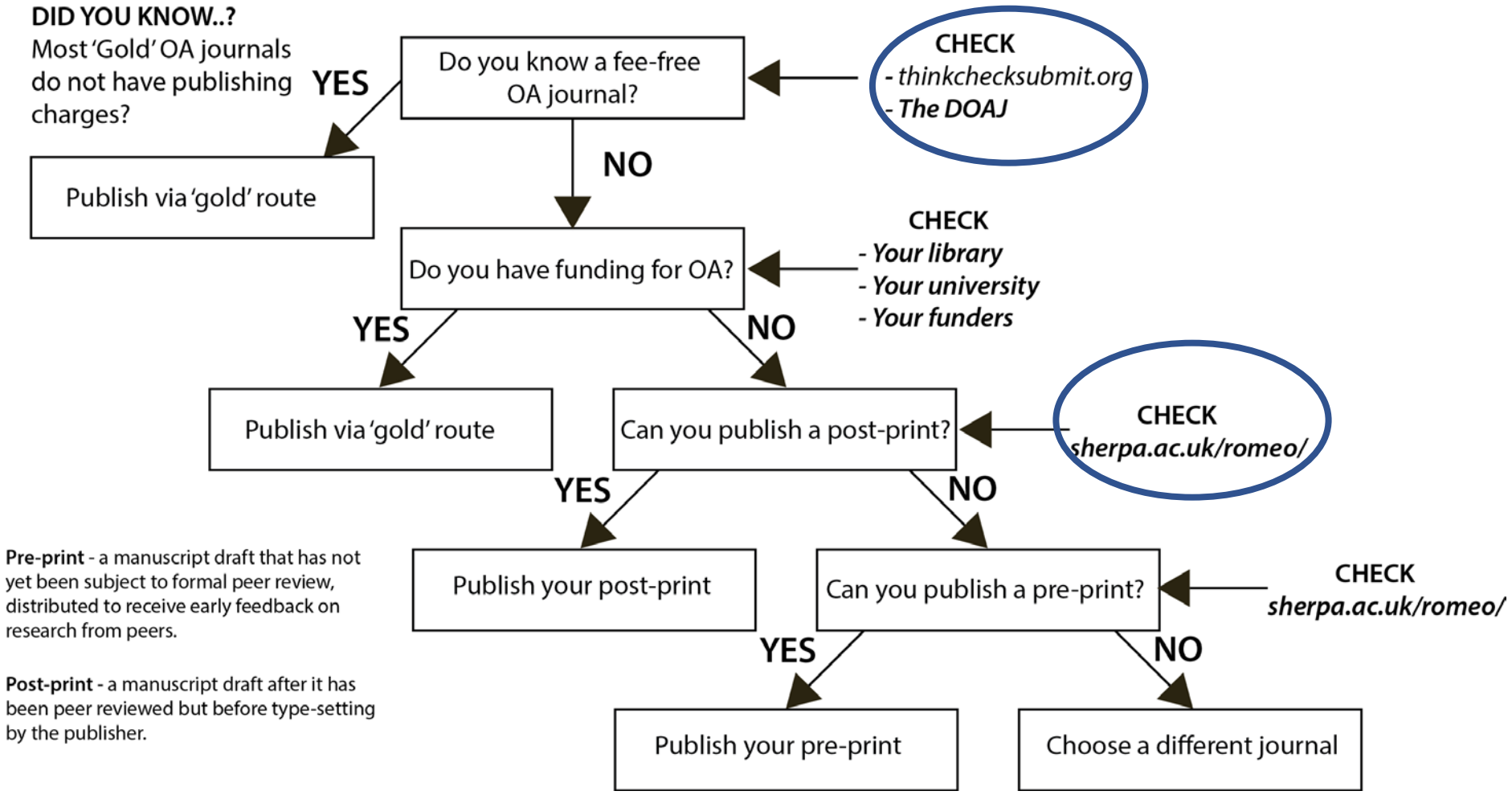
Source: Jere D Odell Preferred source

Affordable & equitable open access in the sciences: grassroots solutions

2014-11-10 | lecture-speech

URL: http://hdl.handle.net/1805/5938

2. Seek open and alternative publishing approaches



Jon Tennant, Got Open Access? http://fossilsandshit.com/got-oa/ (CC BY)

Seek alternatives for work that is not a good fit for journal publishing

- Use your IR for gray literature.
- Keep a blog or build a website.
- Seek new models of peer review for non-journal works.
- Examples of peer review:
  - CES4Health: http://ces4health.info/
  - MERLOT: https://www.merlot.org
  - MedEd Portal: https://www.mededportal.org/

Know and maximize your rights

http://www.sherpa.ac.uk/romeo/index.php

creative commons

https://creativecommons.org/

Scholar's Copyright Addendum Engine

science commons

The Scholar's Copyright Addendum Engine will help you generate a PDF form that you can attach to a journal publisher's copyright agreement to ensure that you retain certain rights.

http://scholars.sciencecommons.org/

Fair Use Evaluator

http://librarycopyright.net/resources/fairuse/

Solicit peer reviews for a web-based projects

- Recommendations for soliciting peer review:
  - CCPH, "Solicit Peer Review of Applied Products" https://ccph.memberclicks.net/ces-toolkit-unit1-section1-3
  - Collect both quantitative and qualitative comments.
  - Ask your library for help. Many academic libraries now offer peer reviewed publishing software and services.
- See for example: *Educating Harlem* - http://educatingharlem.cdrs.columbia.edu/omeka/review

EDUCATING HARLEM

TEACHERS COLLEGE COLUMBIA UNIVERSITY

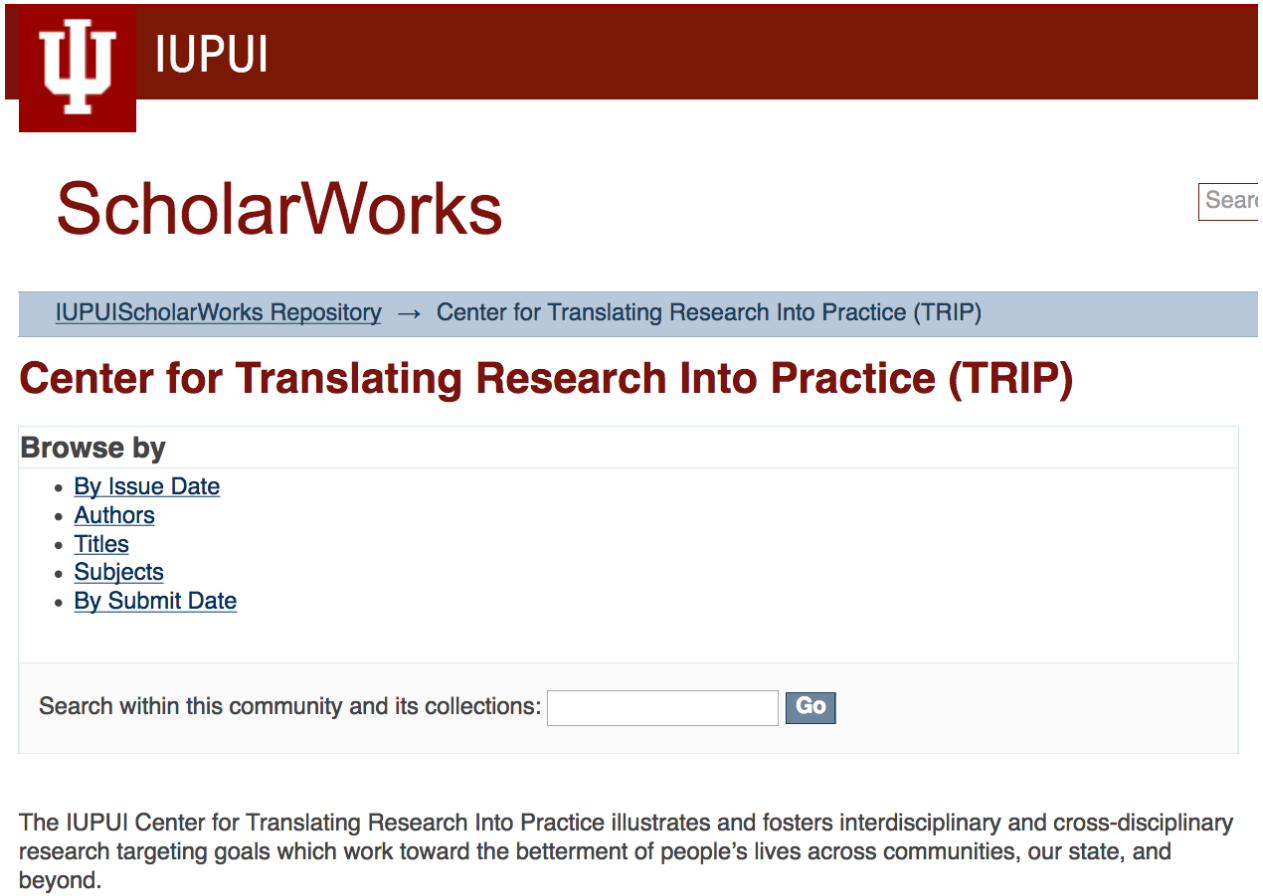
EXHIBIT UNDER REVIEW

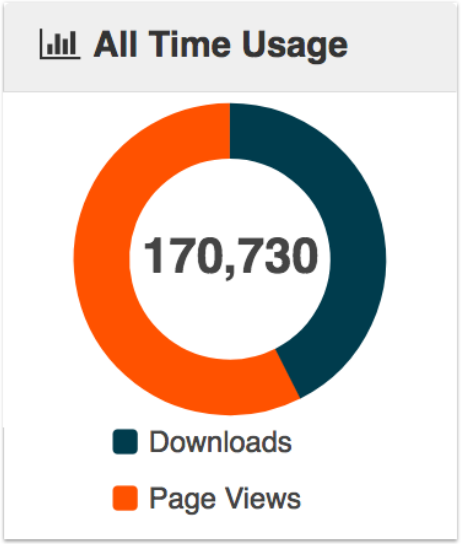
Drawing on other examples of open review in scholarly publishing, we use an open review process for our interpretive exhibits on the history of education in Harlem. After an initial round of review by our editorial team, we make an exhibit public but "under review," for comment by both invited peer reviewers and all other interested readers.

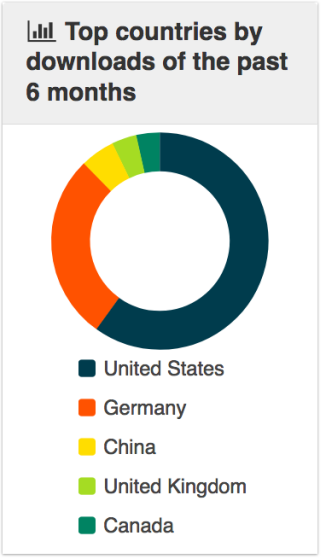
Our most recent exhibit will be under review for a period of 30 days before the exhibit is revised and published in its final form. Please let us know what you think about this work-in-progress on Harlem's educational history, and help us to build and share a robust, accurate, and meaningful history of education in Harlem.

Be as open as possible: use your IR

Institutional repositories: library-supported, non-profit, open access, discoverable and stable
(No IR on your campus? Use OSF Preprints: https://osf.io/preprints/)

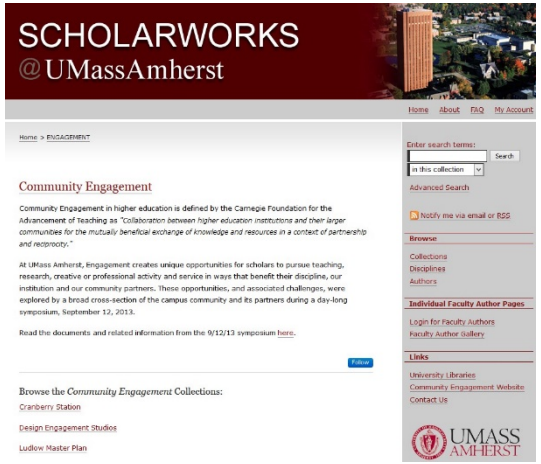




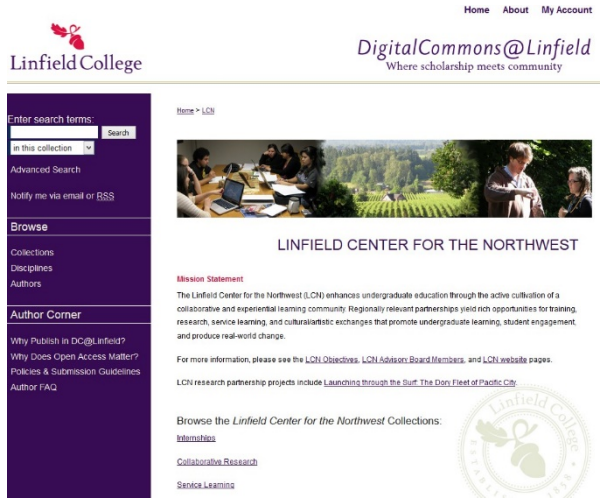


https://scholarworks.iupui.edu/handle/1805/6599

Use the IR to document and support CE on your campus

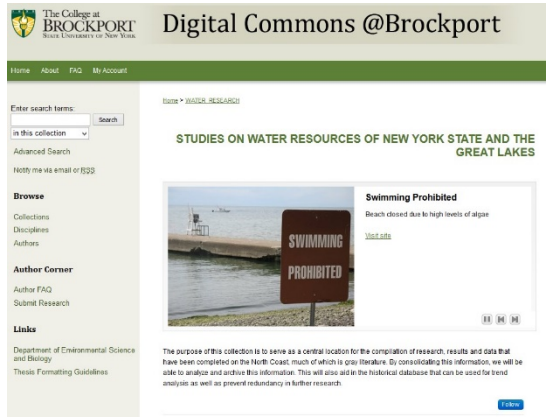


http://scholarworks.umass.edu/engagement/



http://digitalcommons.linfield.edu/lcn/

http://digitalcommons.unomaha.edu/slce/



http://digitalcommons.brockport.edu/water_research/

3. Report item-level impact and other metrics

… “Use it or lose it”

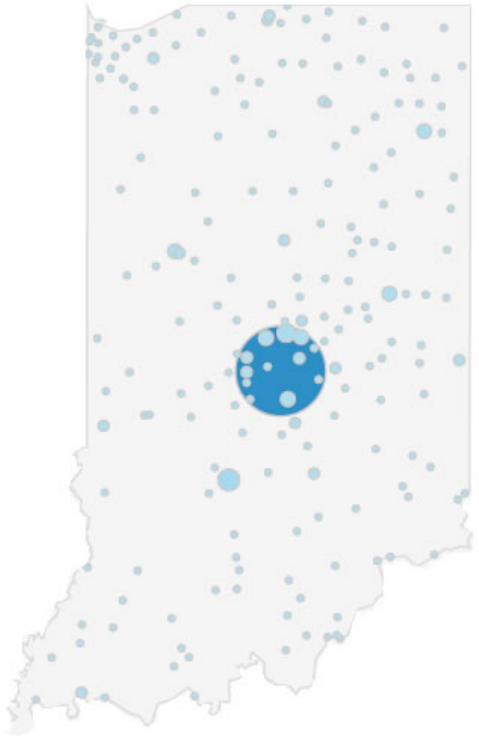
- Citations
- Downloads
- Uses
- Comments

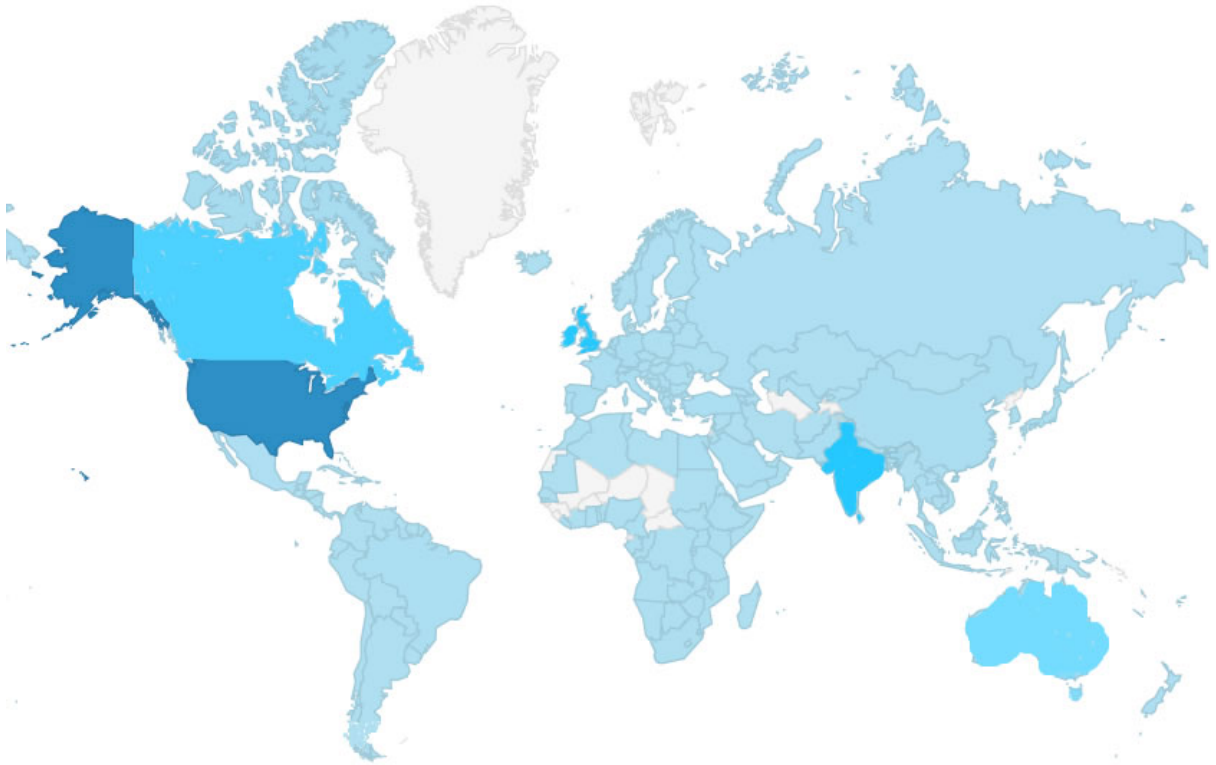
Created by Alexander Gruzdev
from Noun Project

Caution: ResearchGate and Academia.edu are closed, for-profit systems that do a poor job of data sharing about how your work is used.

Show your reach

IUPUI ScholarWorks 6.4 Million Visits
Local and Global Communities
Indianapolis, all Indiana counties and 192 countries





Use altmetrics tools to find and report discussions of your work

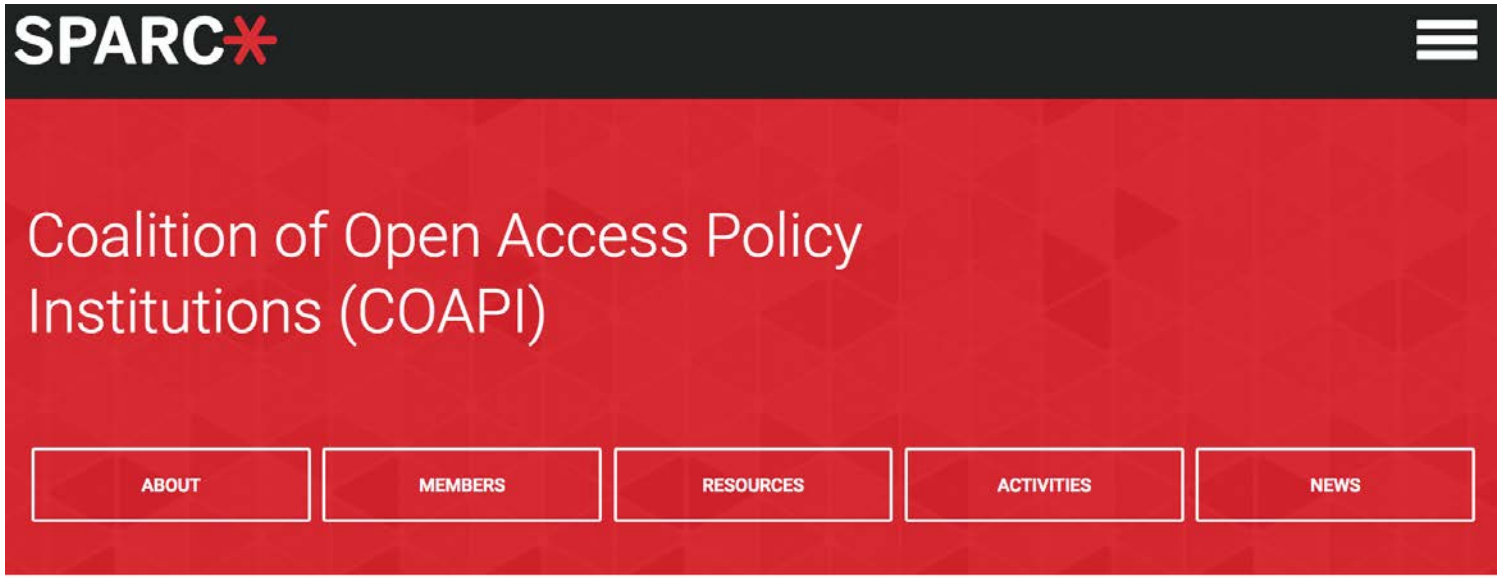
Collect and share qualitative comments

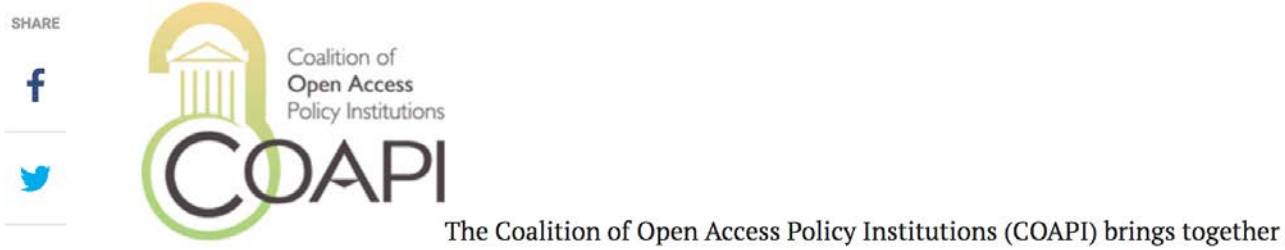
About the value of the "Indianapolis Motor Speedway Collection" to the Indianapolis community and the IMS:

"We were in a race against time to save our photos ... what we ended up with was telling our story in a rich way, with more assets than we thought we had and I would say the impact today is that we capture our assets intentionally.“

https://www.youtube.com/watch?v=1PQ2BtvLBbU

4. Support “Open” in Your Organization





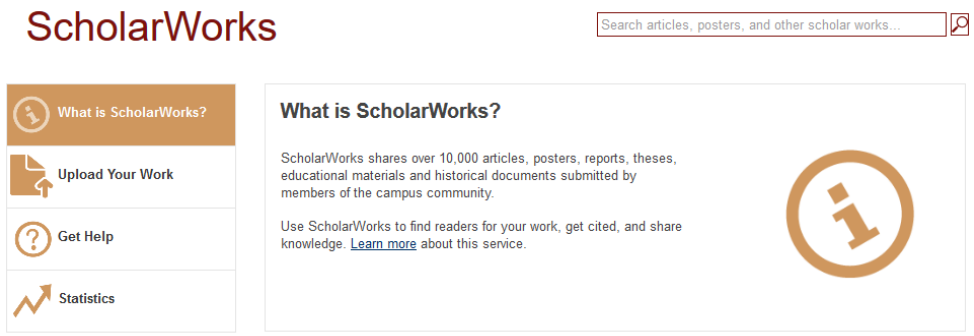
75 Universities working to adopt or implement open access policies

https://sparcopen.org/coapi/members/

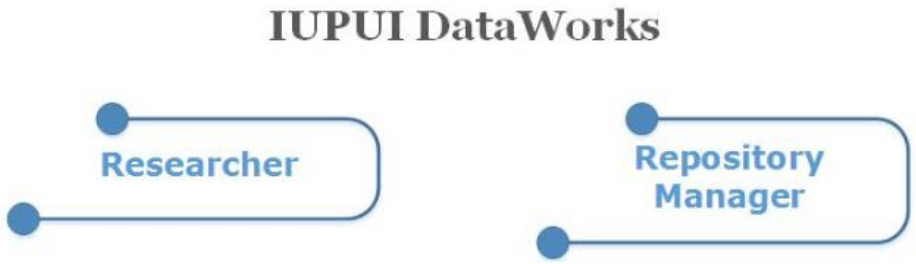
Supporting “Open” at IUPUI

https://ulib.iupui.edu/digitalscholarship/openaccess/oafund

https://openaccess.iupui.edu/



https://scholarworks.iupui.edu/



https://dataworks.iupui.edu/

Promotion and Tenure: Supporting “Open” and “Engaged” Scholarship at IUPUI

“Use it or lose it”

IUPUI

Office of **Academic Affairs**

Home / IUPUI Promotion & Tenure Guidelines

IUPUI PROMOTION & TENURE GUIDELINES

Open access supports many of IUPUI’s Institutional Values including: Civic Engagement; Collaboration; Diversity, Equity and Inclusion; Economic Development; Interdisciplinary Work and Publication; International Work and Publication; Public Scholarship; and Translational Research. (pg. 34)

The nature of public scholarship is diverse and the evidence used to support it may differ from traditional forms of scholarship. Non-traditional dissemination outlets and alternative metrics should be acknowledged as acceptable forms of documentation. (pg. 34)

https://academicaffairs.iupui.edu/PromotionTenure/IUPUI-Guidelines

Make a difference: get started

- Take a step to make a work free for the community to read.
- Find your university repository and upload your conference presentation.
- Ask a librarian for help.

Jere Odell
jdodell@iupui.edu

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UNIVERSITY LIBRARY
CENTER FOR DIGITAL SCHOLARSHIP
Indiana University–Purdue University Indianapolis

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