

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

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Scholarly Communications Librarian  
IUPUI University Library

**10<sup>th</sup> Annual Connecting Campuses with Communities**

**IUPUI Research Academy**

May 11, 2018

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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.





PLAN  
PREPARE  
PRACTICE

August 2009

# Ethics Guide

for Health Care Practitioners  
Working Under Conditions of  
an Influenza Pandemic

[www.bioethics.iu.edu](http://www.bioethics.iu.edu)

[www.statehealth.in.gov](http://www.statehealth.in.gov)

[www.bioethics.iu.edu](http://www.bioethics.iu.edu)

[www.statehealth.in.gov](http://www.statehealth.in.gov)

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

Full participation of community in identifying issues of greatest importance *Increased motivation to participate in research process*

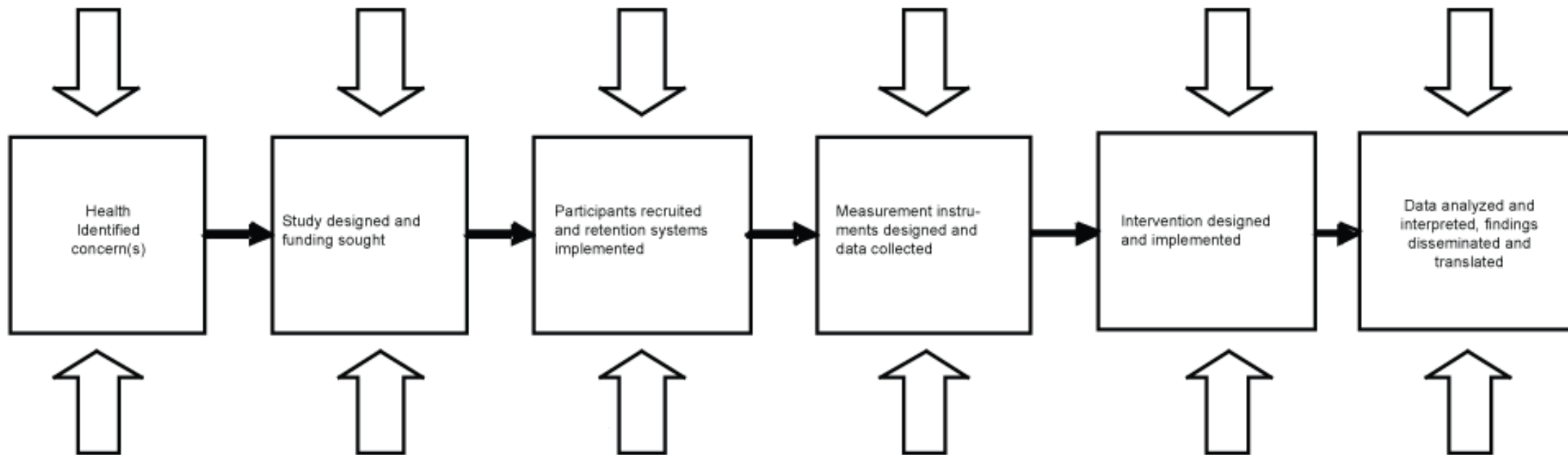
Community representatives involved with study design and proposal submission *Increased acceptability of study approach, include funds for community*

Community representatives provide guidance regarding recruitment and retention strategies *Enhanced recruitment and retention*

Measurement instruments developed with community input and tested in similar population *Potentially sensitive issues handled better and increased reliability and validity of measures*

Community members help guide intervention development *Assures greater cultural and social relevance to the population served, increasing the likelihood of producing positive change*

*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*



Issues identified based on epidemiologic data and funding priorities.

Design based entirely on scientific rigor and feasibility; funding requested primarily for research expenses.

Approaches to recruitment and retention based on scientific issues and "best guesses" regarding reaching community members and keeping them involved in the study.

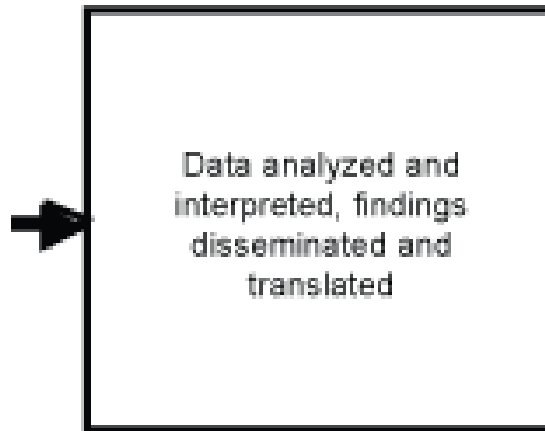
Measurement instruments adopted/adapted from other studies. Tested chiefly with psychometric analytic methods.

Researchers design intervention based on literature and theory.

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

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

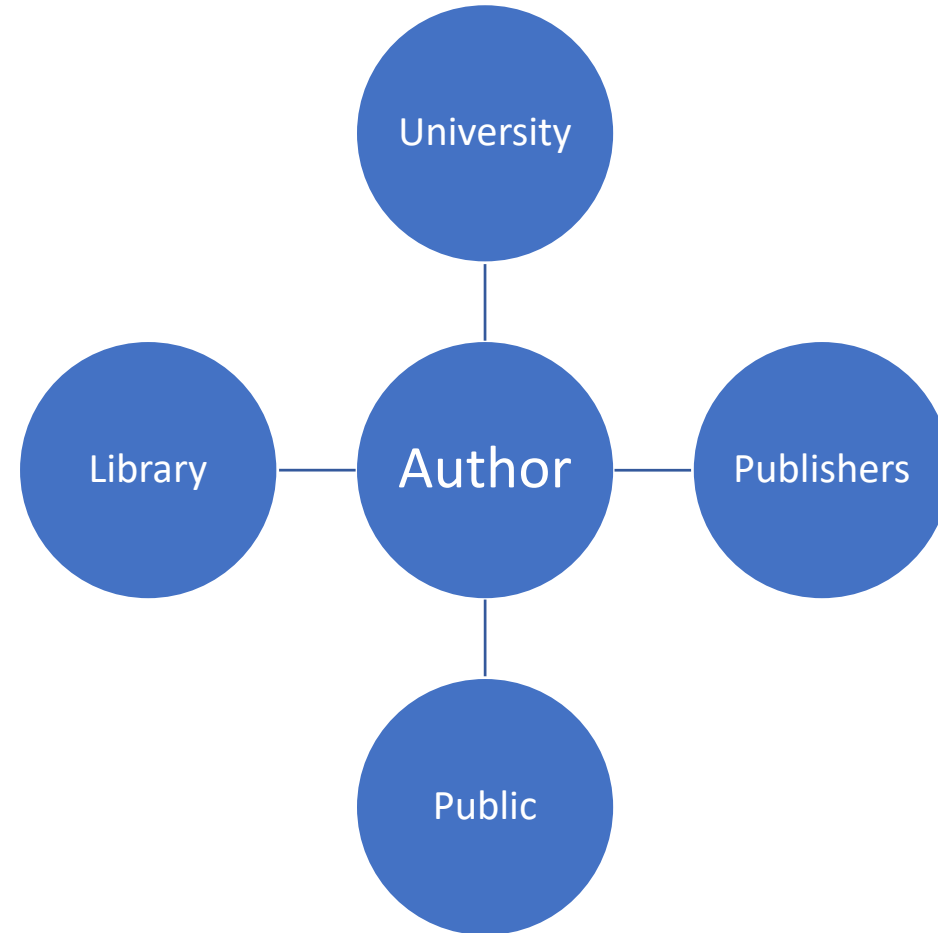
Principles of CBPR:

"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

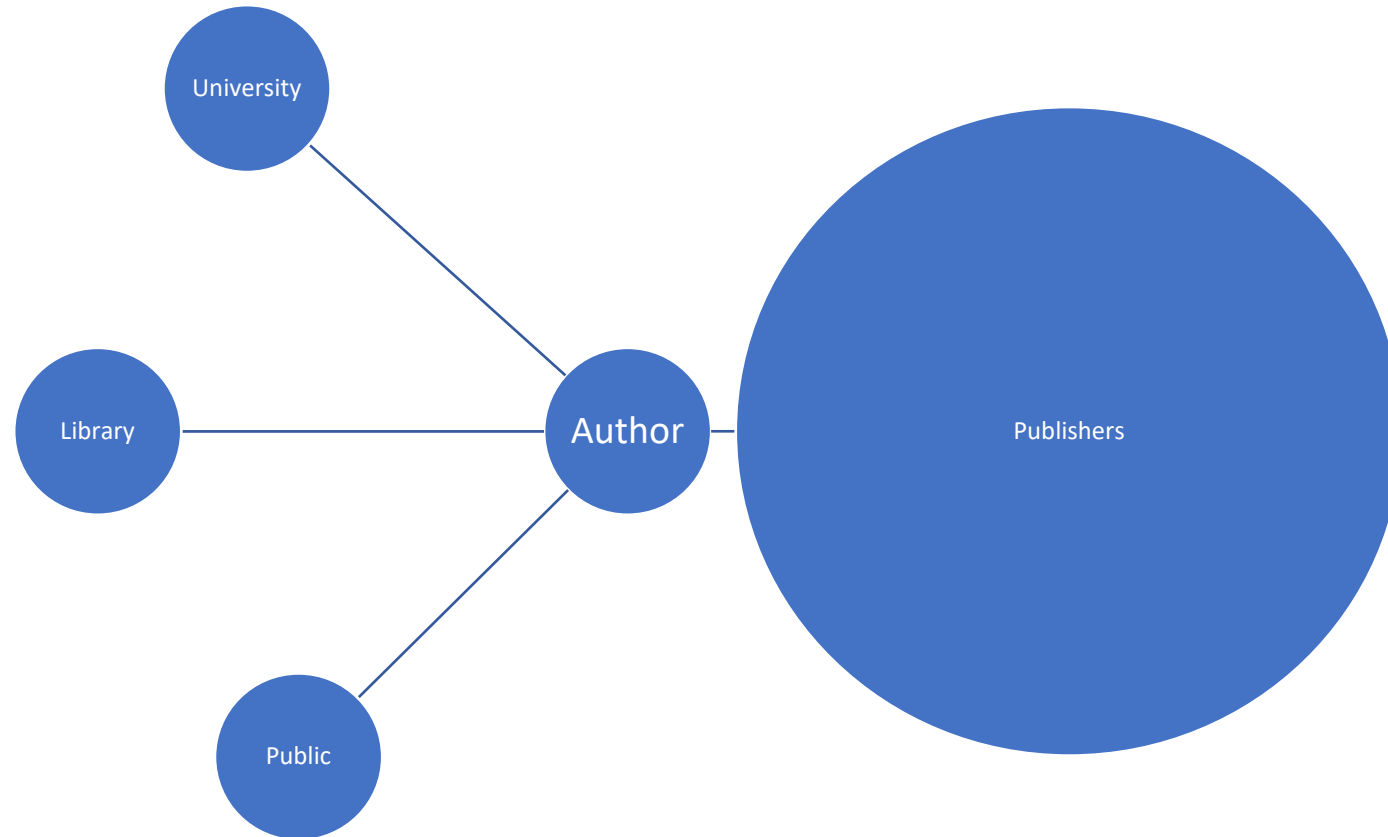
- 88% of the journal share is subscription-based
- Majority owned by 5 very profitable companies  
(*Elsevier, Springer, Wiley, Taylor & Francis, SAGE ...*)
- Profit margins: 30% - 40%  
(*in contrast: Apple, 23%; Eli Lilly, 20%; Berkshire Hathaway, 11%*)
- CEOs of Elsevier, Thomson, Wolters Kluwer: \$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.







# 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?**



Are you submitting your research to a trusted journal?  
Is it the right journal for your work?

**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?**

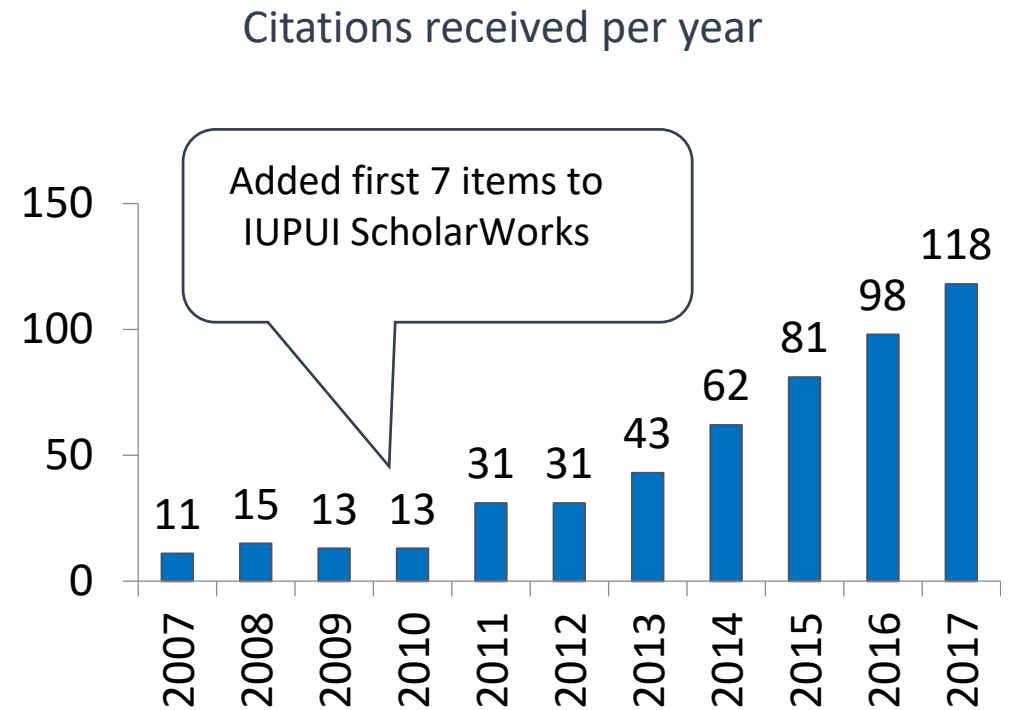
(Do you own the work? Do you share in the profits?)

# 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



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



Jere Odell

Scholarly Communications Librarian  
Verified email at iupui.edu - [Homepage](#)

[Open Access](#) [Scholarly Communications](#) [Ethics](#) [Community Engagement](#)

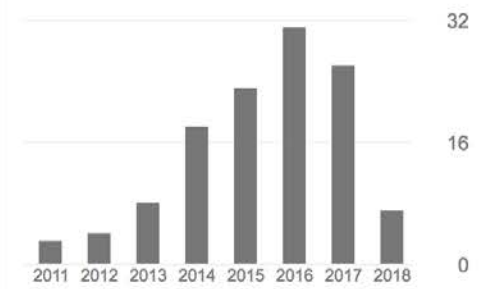
FOLLOW

GET MY OWN PROFILE

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

## Jere D Odell

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[orcid.org/0000-0001-5455-1471](http://orcid.org/0000-0001-5455-1471)

Also known as  
Jere Odell

Keywords  
Open access, digital libraries, ethics

Websites  
Center for Digital Scholarship, IUPUI  
I ULIB

Other IDs  
ResearcherID: J-3647-2013  
Scopus Author ID: 25927509700

## 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>

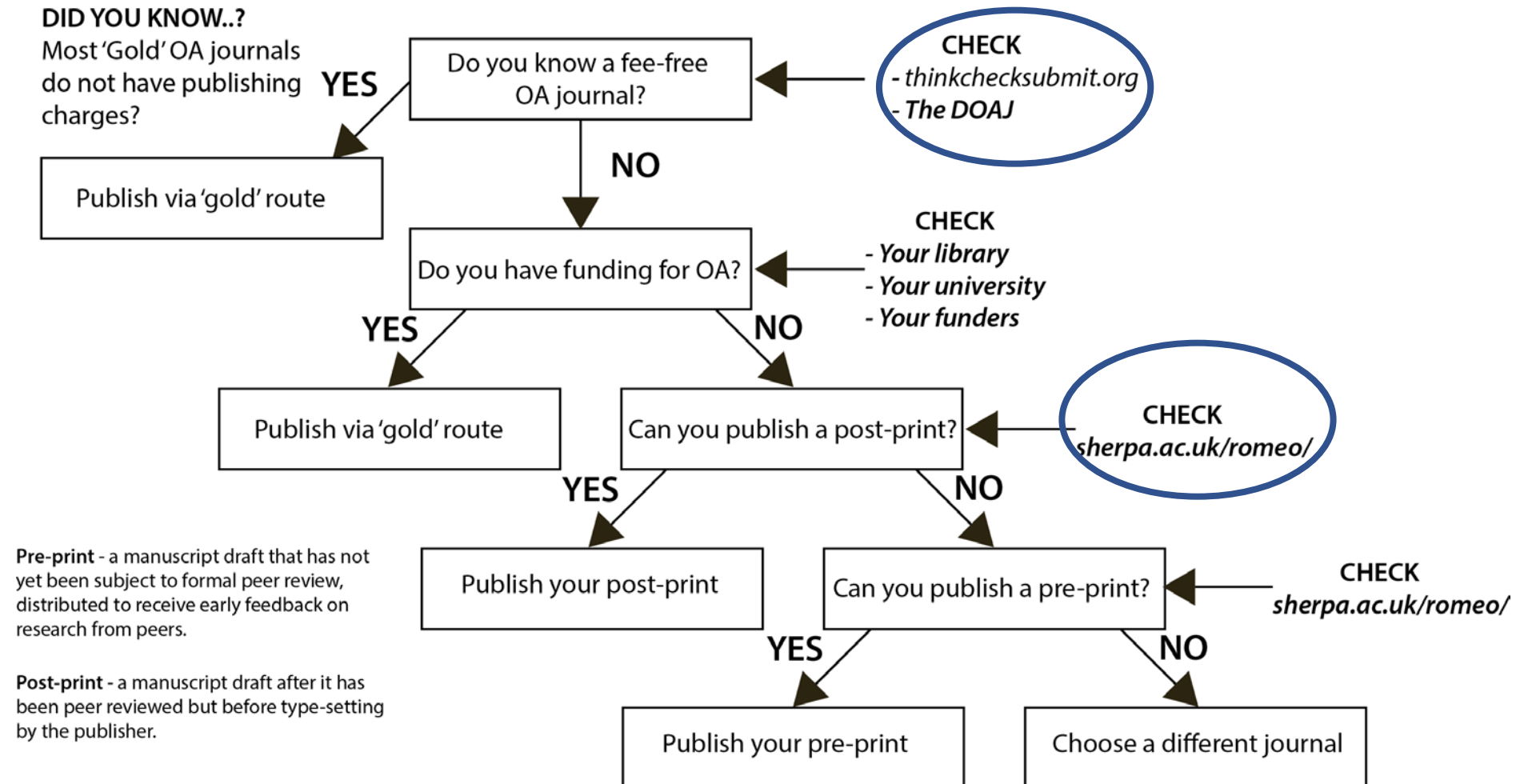
Source: Jere D Odell

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



# 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



The screenshot shows the SHERPA/ROMEO website. At the top, there is a green header with the SHERPA/ROMEO logo and the tagline "... opening access to research". Below the header, there is a navigation menu with links for Home, Search, Journals, Publishers, FAQ, Suggest, and About. The main content area is titled "Publisher copyright policies & self-archiving" and includes a search form with options for "Journal titles or ISSNs" and "Publisher names", and a "Search" button. There are also sections for "RoMEO News" and "Special RoMEO Pages" with links to various news items and resources.

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

## Scholar's Copyright Addendum Engine



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/>



<https://creativecommons.org/>



<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.cdrcs.columbia.edu/omeka/review>



<a href="#">About ▶</a>	<a href="#">Collections</a>	<a href="#">Exhibits</a>	<a href="#">Exhibit Under Review</a>	<a href="#">Blog</a>	<a href="#">Resources</a>	<a href="#">Youth Historians</a>
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[Home](#) > [Exhibit Under Review](#)

## 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/>)



## ScholarWorks

IUPUIScholarWorks Repository → Center for Translating Research Into Practice (TRIP)

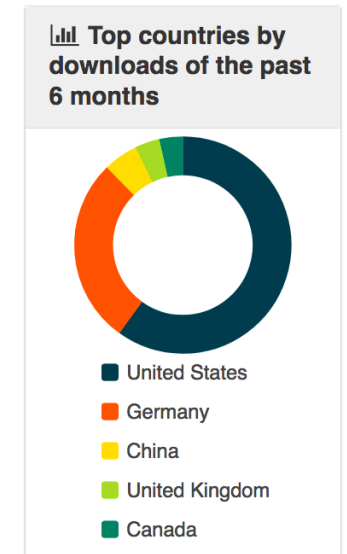
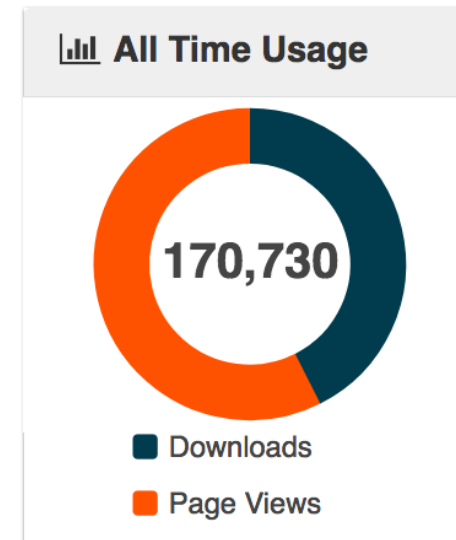
### Center for Translating Research Into Practice (TRIP)

**Browse by**

- [By Issue Date](#)
- [Authors](#)
- [Titles](#)
- [Subjects](#)
- [By Submit Date](#)

Search within this community and its collections:

The IUPUI Center for Translating Research Into Practice illustrates and fosters interdisciplinary and cross-disciplinary research targeting goals which work toward the betterment of people's lives across communities, our state, and beyond.



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

# Use the IR to document and support CE on your campus

**SCHOLARWORKS @UMassAmherst**

Home About FAQ My Account

Home > ENGAGEMENT

**Community Engagement**

Community Engagement in higher education is defined by the Carnegie Foundation for the Advancement of Teaching as "collaboration between higher education institutions and their larger communities for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity."

At UMass Amherst, Engagement creates unique opportunities for scholars to pursue teaching, research, creative or professional activity and service in ways that benefit their discipline, our institution and our community partners. These opportunities, and associated challenges, were explored by a broad cross-section of the campus community and its partners during a day-long symposium, September 12, 2013.

Read the documents and related information from the 9/12/13 symposium [here](#).

**Browse the Community Engagement Collections:**

- Crabtree Station
- Design Engagement Studios
- Ludlow Master Plan

**Follow**

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

**Digital Commons @UNO**

Home > CRISS LIBRARY > SLCE

**BARBARA A. HOLLAND COLLECTION FOR SERVICE LEARNING AND COMMUNITY ENGAGEMENT (SLCE)**

The Barbara A. Holland Collection for Service Learning and Community Engagement (SLCE) is both uniquely retrospective and comprehensive, offering the world's largest physical collection in the field. This internationally important collection features digital derivatives of materials originally collected by the National Service Learning Clearinghouse (NSLC) including: engagement research in higher education, K-12 schools, the community-based organization sector and Tribal Nations.

**Follow**

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

**Linfield College**

Home About My Account

**Digital Commons @Linfield**  
Where scholarship meets community

Home > LCN

**LINFIELD CENTER FOR THE NORTHWEST**

**Mission Statement**

The Linfield Center for the Northwest (LCN) enhances undergraduate education through the active cultivation of a collaborative and experiential learning community. Regionally relevant partnerships yield rich opportunities for training, research, service learning, and cultural/artistic exchanges that promote undergraduate learning, student engagement, and produce real-world change.

For more information, please see the [LCN Objectives](#), [LCN Advisory Board Members](#), and [LCN website pages](#).

LCN research partnership projects include [Launching through the Surf: The Dori Fleet of Pacific City](#).

**Browse the Linfield Center for the Northwest Collections:**

- Internships
- Collaborative Research
- Service Learning

**Follow**

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

**The College at Brockport**

Home About FAQ My Account

**Digital Commons @Brockport**

Home > WATER RESEARCH

**STUDIES ON WATER RESOURCES OF NEW YORK STATE AND THE GREAT LAKES**

**Swimming Prohibited**

Beach closed due to high levels of algae

[View data](#)

The purpose of this collection is to serve as a central location for the compilation, results and data that have been completed on the North Coast, much of which is open literature. By consolidating this information, we will be able to analyze and archive this information. This will also add to the historical database that can be used for trend analysis as well as prevent redundancy on further research.

**Follow**

[http://digitalcommons.brockport.edu/water\\_research/](http://digitalcommons.brockport.edu/water_research/)



# 3. Report item-level impact and other metrics

... “Use it or lose it”

- Citations
- Downloads
- Uses
- Comments

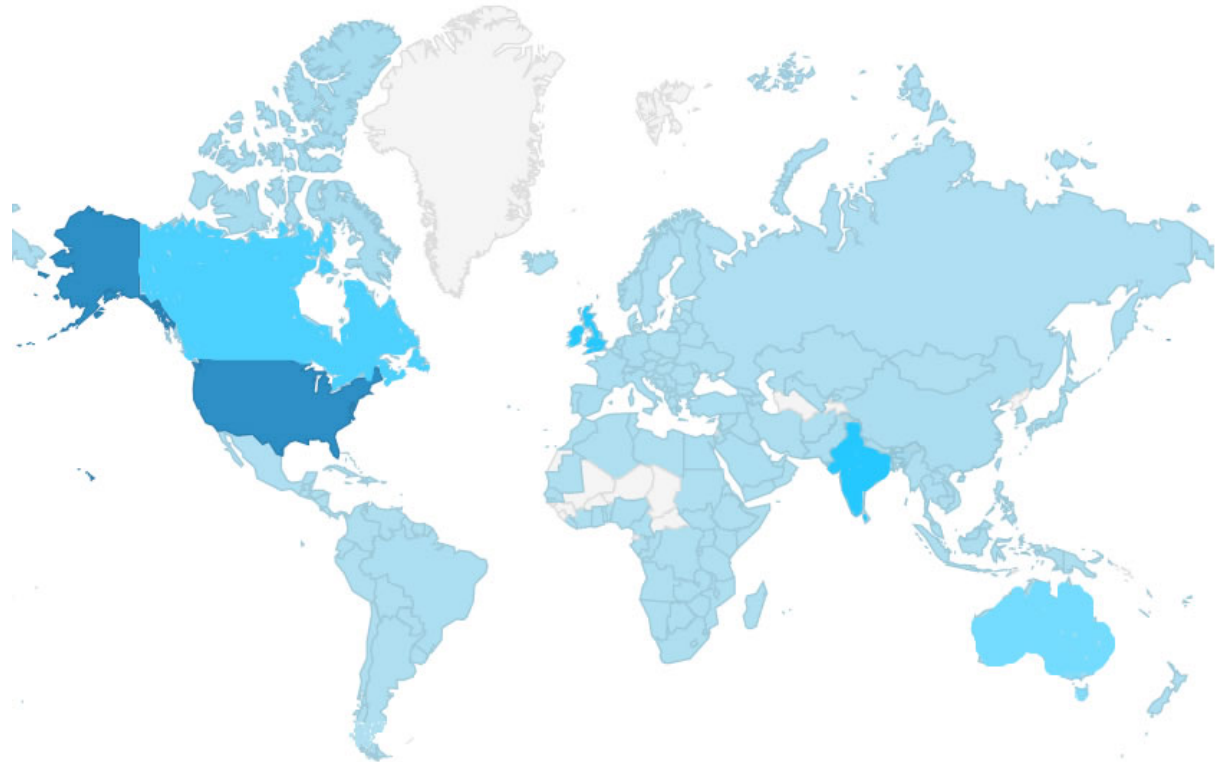
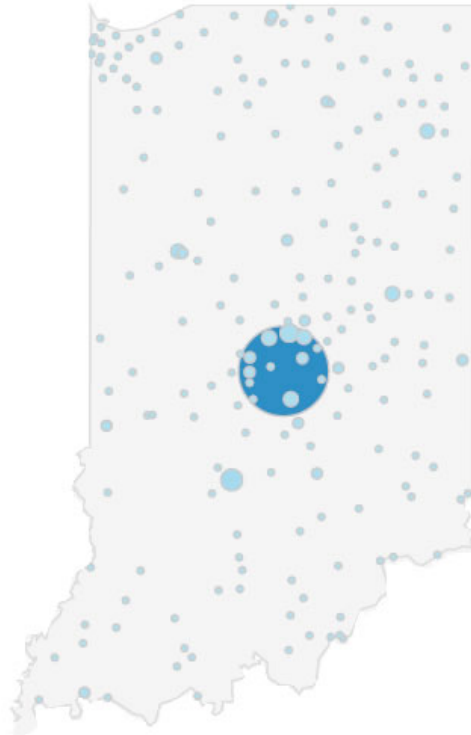


Created by Alexander Gruzdev  
from Noun Project

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

The screenshot shows a web browser window with several tabs open, including 'Altmetric'. The main content is a PubMed article page for the paper 'Prediction of manifest Huntington's disease with clinical and imaging measures: a prospective observational study'. The altmetrics overlay on the right side of the page displays a circular gauge with the number 26 in the center. Below the gauge, the following data is shown: 'Picked up by 1 news outlets', 'Tweeted by 25', and 'On 3 Facebook pages'. A link 'Click for more details' is provided. The article abstract is visible on the left, detailing the study's background, methods, findings, and interpretation.

Abstract

[Lancet Neurol](#). 2014 Dec; 13(12):1193-201. doi: 10.1016/S1474-4422(14)70238-8. Epub 2014 Nov 3.

### Prediction of manifest Huntington's disease with clinical and imaging measures: a prospective observational study.

Paulsen JS<sup>1</sup>, Long JD<sup>2</sup>, Ross CA<sup>3</sup>, Harrington DL<sup>4</sup>, Erwin CJ<sup>5</sup>, Williams JK<sup>6</sup>, Westervelt HJ<sup>7</sup>, Johnson HJ<sup>8</sup>, Aylward EH<sup>9</sup>, Zhang Y<sup>10</sup>, Bockholt HJ<sup>11</sup>, Barker RA<sup>12</sup>, PREDICT-HD investigators and Coordinators of the Huntington Study Group.

Collaborators (95)

Author information

**Abstract**

**BACKGROUND:** Although the association between cytosine-adenine-guanine (CAG) repeat length and age at onset of Huntington's disease is well known, improved prediction of onset would be advantageous for clinical trial design and prognostic counselling. We compared various measures for tracking progression and predicting conversion to manifest Huntington's disease.

**METHODS:** In this prospective observational study, we assessed the ability of 40 measures in five domains (motor, cognitive, psychiatric, functional, and imaging) to predict time to motor diagnosis of Huntington's disease, accounting for CAG repeat length, age, and the interaction of CAG repeat length and age. Eligible participants were individuals from the PREDICT-HD study (from 33 centres in six countries [USA, Canada, Germany, Australia, Spain, UK]) with the gene mutation for Huntington's disease but without a motor diagnosis (a rating below 4 on the diagnostic confidence level from the 15-item motor assessment of the Unified Huntington's Disease Rating Scale). Participants were followed up between September, 2002, and July, 2014. We used joint modelling of longitudinal and survival data to examine the extent to which baseline and change of measures analysed separately was predictive of CAG-adjusted age at motor diagnosis.

**FINDINGS:** 1078 individuals with a CAG expansion were included in this analysis. Participants were followed up for a mean of 5.1 years (SD 3.3, range 0.0-12.0). 225 (21%) of these participants received a motor diagnosis of Huntington's disease during the study. 37 of 40 cross-sectional and longitudinal clinical and imaging measures were significant predictors of motor diagnosis beyond CAG repeat length and age. The strongest predictors were in the motor, imaging, and cognitive domains: an increase of one SD in total motor score (motor domain) increased the risk of a motor diagnosis by 3.07 times (95% CI 2.26-4.16), a reduction of one SD in putamen volume (imaging domain) increased risk by 3.32 times (2.37-4.65), and a reduction of one SD in Stroop word score (cognitive domain) increased risk by 2.32 times (1.88-2.87).

**INTERPRETATION:** Prediction of diagnosis of Huntington's disease can be improved beyond that obtained by CAG repeat length and age alone. Such knowledge about potential predictors of manifest Huntington's disease should inform discussions about guidelines for diagnosis, prognosis, and counselling, and might be useful in guiding the selection of participants and outcome measures for clinical trials.

**FUNDING:** US National Institutes of Health, US National Institute of Neurological Disorders and Stroke, and CHDI Foundation.

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Full text link

THE LANCET Neurology

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Related citations in PubMed

Predictors of phenotypic progression and disease onset in premanifest [Lancet Neurol. 2013]

Potential endpoints for clinical trials in premanifest and early Hun [Lancet Neurol. 2012]

Preparing for preventive clinical trials: the Predict-HD study. [Arch Neurol. 2006]

Review [Is Huntington's disease a neurological or psychiatric disorder? ca [Psychiatr Pol. 2012]

Review Exploring the correlates of intermediate CAG repeats in Huntington [Postgrad Med. 2011]

See reviews...

See all...

Related information

Related Citations

Articles frequently viewed together

MedGen

# Collect and share qualitative comments

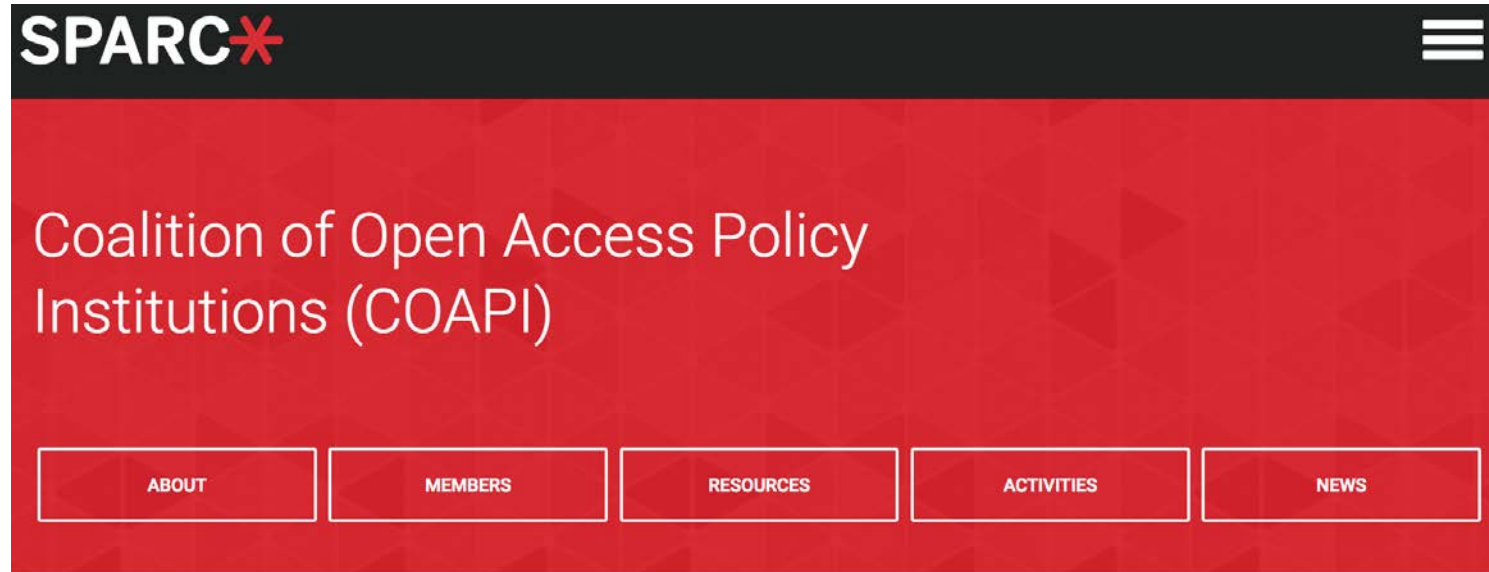


About the value of the "Indianapolis Motor Speedway Collection" to the Indianapolis community and the IMS:

"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



SHARE



The Coalition of Open Access Policy Institutions (COAPI) brings together

75 Universities working to adopt or implement open access policies

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

# Supporting “Open” at IUPUI

## IUPUI Open Access Fund

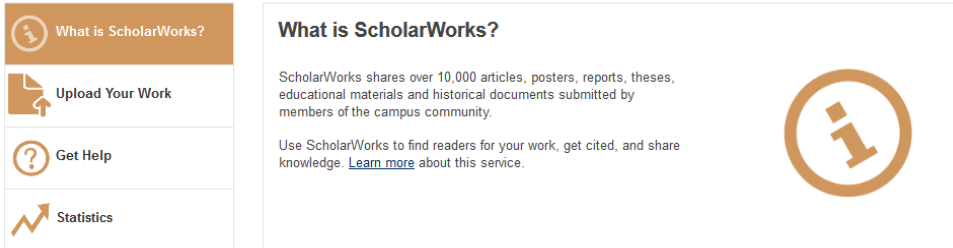
The IUPUI Open Access Fund underwrites reasonable publication charges for articles published in fee-based, peer-reviewed journals that are openly accessible. This fund addresses changes in scholarly communications while increasing the impact of and access to scholarship created by IUPUI authors. Financial support for the fund is provided by key stakeholders on the campus.

[Application Form](#)

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

## ScholarWorks

Search articles, posters, and other scholar works...



The screenshot shows the ScholarWorks website. On the left is a navigation menu with four items: 'What is ScholarWorks?' (selected), 'Upload Your Work', 'Get Help', and 'Statistics'. The main content area has a heading 'What is ScholarWorks?' followed by a paragraph: 'ScholarWorks shares over 10,000 articles, posters, reports, theses, educational materials and historical documents submitted by members of the campus community.' Below this is another paragraph: 'Use ScholarWorks to find readers for your work, get cited, and share knowledge. [Learn more](#) about this service.' To the right of the text is a large orange circular icon containing a white lowercase letter 'i'.

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

## Open Access @ IUPUI

### IUPUI Open Access Policy

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

## IUPUI DataWorks



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

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

“Use it or lose it”



## 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](mailto:jdodell@iupui.edu)



**UNIVERSITY LIBRARY**

**CENTER FOR DIGITAL SCHOLARSHIP**

Indiana University–Purdue University  
Indianapolis



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