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"What Should Libraries do to facilitate researchers adopting OPR (Open Peer Review) journals?"

Ann R. Viera

University of Tennessee, Knoxville, annviera@utk.edu

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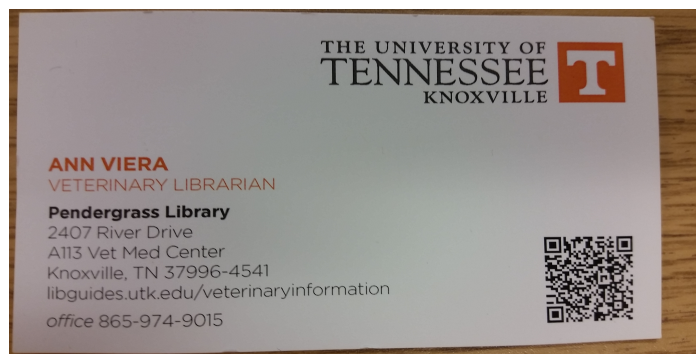
"What should libraries do to facilitate researchers adopting OPR journals?"

Ann Viera MLIS
Pendergrass Library

<https://orcid.org/0000-0003-3718-4803>

Emerging Innovative Models of Scientific
Publishing Workshop May 24, 2016

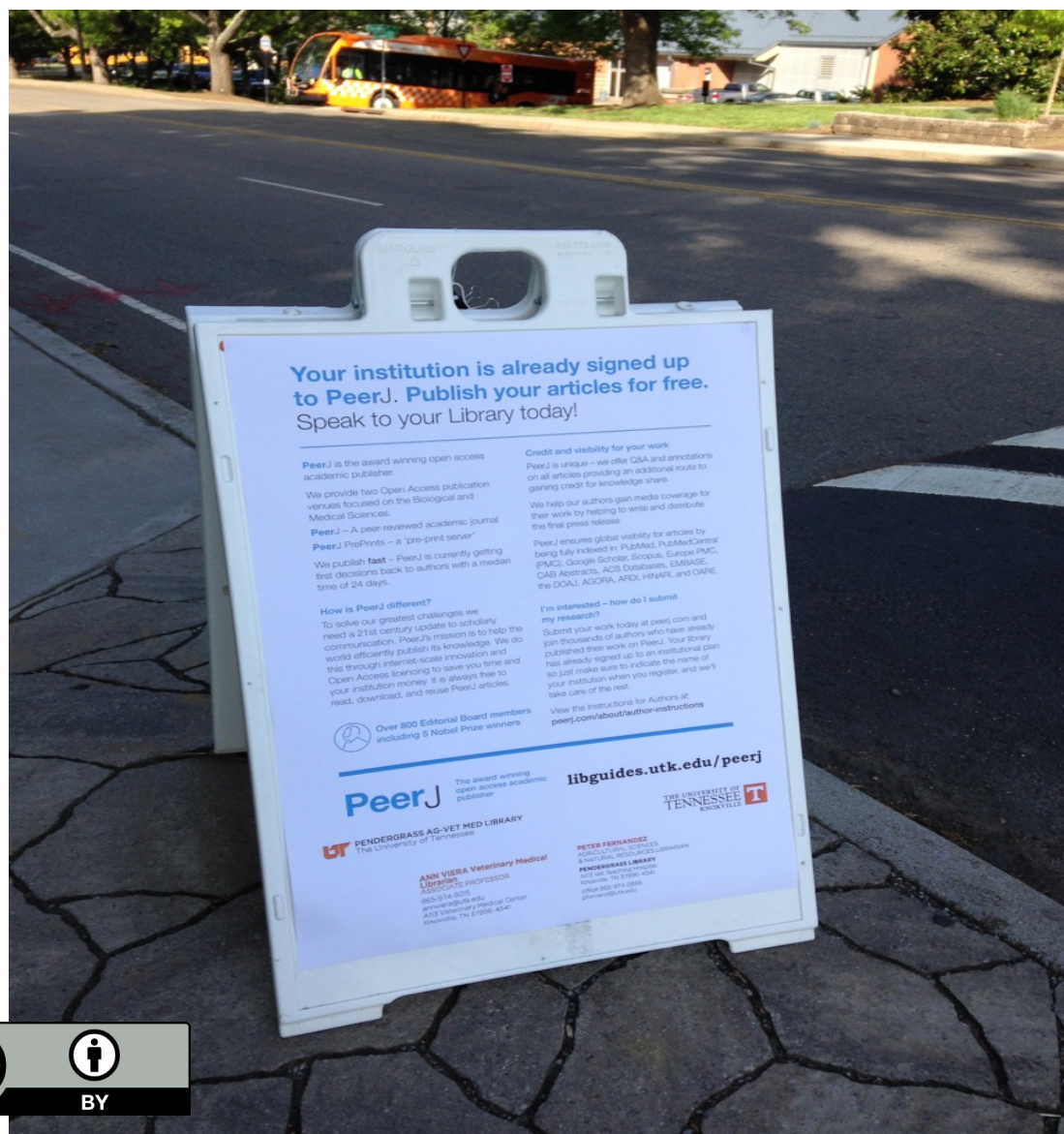

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Best overview: Peter Binfield May 2015 PeerJ Workflow Philosophy

Society for Scholarly Publishing

<https://youtu.be/dkOxE7N-5b8>

PeerJ

- Entirely new business model
 - Which leads to an 'individual centric' mindset
- Traditional single-blind peer-review
 - But with 'Optional' Open Peer Review
- No built-in editorial hierarchy
 - Built in reputation system / Q&A system
- A pre-print server – PeerJ PrePrints
- A completely integrated submission, review and publication system
- User friendly and actually beautiful!

The logo for PeerJ, with 'Peer' in blue and 'J' in black.

Academic Publishing is Evolving...  Society for Scholarly Publishing



New tools and new rules for scholarly comm: “Science is in transition”

- 1) What drives innovation?
and
- 2) How do these innovations change workflows contributing to more open, efficient, and good science?

Bosman/Kramer 2015---present

101 INNOVATIONS IN SCHOLARLY COMMUNICATION

THE CHANGING RESEARCH WORKFLOW

Jeroen Bosman @jeroenbosman
Utrecht University Library

Bianco Kramer @MsPhelps
Utrecht University Library

Science is in transition. This poster gives an impression of the exploratory phase of a project aiming to chart innovation in scholarly information and communication flows from evolutionary and network perspectives.

We intend to address the questions of what drives innovation and how these innovations change research workflows and may contribute to more open, efficient and good science.

101 Innovative tools and sites in 6 research workflow phases (< 2000 - 2015)

Most important developments in 6 research workflow phases

	Discovery	Analysis	Writing	Publication	Outreach	Assessment
Trends	social discovery tools	data-driven & cross-sectional science	collaborative online writing	Open Access & data publication	scholarly social media	article level platforms
Expectations	growing importance of data discovery	more online analysis tools	more integration with publication & assessment tools	more use of "badlink first, judge later"	use of alternatives for monitoring outreach	more open and post-publication peer review
Uncertainties	support for full-text search and text mining	willingness to share in analysis phase	acceptance of collaborative online writing	effect of journal/publisher status	requirements of funders & institutions	who pays for costly qualitative assessment?
Opportunities	discovery based on aggregated OR full-text	open libraries	semantic tagging while writing/editing	reader video paper formatting	using repositories for institutional visibility	using author/publisher and affiliate IDs
Challenges	real curators search & research & related	reproducibility	safety/privacy of online writing	publication of publishing norms standards	making outreach a two-way discussion	quality of measuring tools
Most important long-term development	multidisciplinary + cross-disciplinary databases	collaborative + data-driven	online writing platforms	Open Access	more & better connected researcher profiles	importance of social relevance + non-publication contributions
Potentially most disruptive development	semantic/social recommendations	open science	collaborative writing + integration with publishing	circumventing traditional publishers	public access to research findings, also for agenda setting	moving away from simple quantitative indicators

Typical workflow examples

	Discovery	Analysis	Writing	Publication	Outreach	Assessment
Traditional	Google	SPSS	Research7	Springer	ResearchGate	Scopus
Modern	Google	SPSS	Open Access	Springer	Institutional Repository	Scopus
Innovative	ResearchGate	Open Access	Open Access	Open Access	Open Access	Open Access
Experimental	ResearchGate	Open Access	Open Access	Open Access	Open Access	Open Access
Google	Google	Google	Google	?	Google	Google
NPG/Macmillan	Open Access	Open Access	Open Access	Open Access	Open Access	Open Access

January 2015
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New paradigm: Open Research Open Access

McKiernan et al preprint
April 2016
Figshare

The benefits of open research: How sharing can help researchers succeed

7538
views

345
downloads

Version 5 ▾ 08.04.2016, 11:43 (GMT) by Erin McKiernan, Philip E. Boume, C. Titus Brown, Stuart Buck, Amye Kenall, Jennifer Lin, Damon McDougall, Brian Nosek, Karthik Ram, Courtney Soderberg, Jeffrey R. Spies, Kaitlin Thaney, Andrew Updegrave, Kara Woo, Tal Yarkoni



This is a preprint, which has been submitted for publication in an open access journal.

Open access, open data, open source, and other open scholarship practices are growing in popularity and necessity. However, widespread adoption of these practices has not yet been achieved. One reason is that researchers are uncertain about how sharing their work will affect their careers. We review literature demonstrating that open research is associated with gains in citation rate, media attention, collaboration opportunities, author reputation, funding opportunities, and more. These findings are evidence that open research practices bring significant benefits to researchers, relative to more traditional closed practices.

CATEGORIES

• Science Policy

TAGS

open access

open data

open science

open source

open research

research

REFERENCES

• <https://osf.io/sqr3m/>

FUNDING

LICENCE

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What Pendergrass librarians have done to facilitate researchers' awareness of PeerJ (OPR is optional)

Ann & Peter

June 2014: established Institutional Plan

The logo for PeerJ, with 'Peer' in blue and 'J' in black.

PeerJ keeps innovating
as we continue to promote the
Institutional Plan

19 authors funded

Results so far

Established PeerJ Institutional Plan June 2014



PeerJ keeps innovating as we promote Institutional Plan to resesarchers

What we believe

Publishing scholarly research should not cost more than the research project itself, especially in the Internet era.

Keep Innovating

We are developing a scholarly communication venue for the 21st Century. We are committed to improving scholarly communications in every way possible.

Remember Whom We Serve

Academics are our customers. We treat authors, reviewers and editors with the utmost respect. We work in the service of academia, not the other way round.

Pass on the Savings

We want to drive the costs for authors down to zero while simultaneously delivering outstanding levels of quality and integrity, and providing cutting edge technical tools and services.

<https://peerj.com/about/beliefs/>

What Pendergrass librarians have done to facilitate researchers' awareness of PeerJ (OPR is optional)

CSV Karen Tobias (ktobias@utk.edu)	Basic	May 22, 2014	Accepted view profile
CSV Rachel Seibert (rseiber2@utk.edu)	Basic	May 22, 2014	Accepted view profile
CSV Karl Snyder (ksnyder1@utk.edu)	Basic	May 22, 2014	Accepted view profile
CSV Rebecca Mullis (rcostell@utk.edu)	Basic	October 10, 2014	Accepted view profile
CSV Angela Witzel (tusby@utk.edu)	Basic	January 29, 2015	Accepted view profile
CSV Joshua Price (jprice5@utk.edu)	Basic	October 13, 2014	Accepted view profile
CSV Valeria Tanco (vtanco@utk.edu)	Basic	January 29, 2015	Accepted view profile
CSV Brian Whitlock (bwhitloc@utk.edu)	Basic	May 21, 2015	Accepted view profile
CSV Lisa Amelse (lameise@utk.edu)	Basic	February 11, 2015	Accepted view profile
CSV Neal Schrick (fschrick@utk.edu)	Basic	August 14, 2015	Accepted view profile
CSV Kelly Chameroy (kchamero@utk.edu)	Basic	March 12, 2015	Accepted view profile
CSV Henry Adair (sadair@utk.edu)	Basic	May 19, 2015	Accepted view profile
CSV Audris Mockus (audris@utk.edu)	Basic	August 5, 2015	Accepted view profile
CSV Susan Wynn (wynndvm@gmail.com)	Basic	October 11, 2015	Accepted view profile
CSV Brian O'Meara (bomeara@utk.edu)	Basic	December 10, 2015	Accepted view profile
CSV Orlando Schwery (oschwery@utk.edu)	Basic	December 10, 2015	Accepted view profile
CSV Vladimir Dinets (dinets@gmail.com)	Basic	December 16, 2015	Accepted view profile
CSV Claudia Kirk (ckirk4@utk.edu)	Basic	February 15, 2016	Accepted view profile
CSV Tamberlyn Moyers (tmoyers@utk.edu)	Basic	February 17, 2016	Accepted view profile

Results so far: 19 authors funded
\$1800 out of \$5000 remaining in the Institutional Plan

All articles, preprints, authors and editors on one page:

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PeerJ

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📍 Pendergrass AG-VET MED Library
🌐 libguides.utk.edu/veterinaryinfo...
📅 Joined March 2009

TWEETS 1,15

Twe



PeerJ is a success: <https://peerj.com/benefits/>

Milestones at 2 years: : <https://youtu.be/KLsn0OzDfVs>

Overview	
Indexed	Cited
Fast	Scholarly
Credit	Open
Support	Tools

Start your submission ↗

PeerJ Benefits

A modern scholarly publishing experience

When you publish, review, or work as an editor in *PeerJ*, *PeerJ Computer Science*, or *PeerJ Preprints* then you've given us your trust. We hope to earn that trust over and over again by providing you with an outstanding experience and list of benefits fit for the 21st Century.

In Summary

PeerJ team is author-centric. So are librarians.

PeerJ offers a best practice model for open PeerJ review in a way that is supportive and “not dogmatic”.

PeerJ gives librarians in bioscience and computer science an affordable and innovative journal whose business model is congruent with the land-grant research mission.