Library 301: Publishing Pitfalls & Resources for Researchers/Authors

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I, Susan Steelman, do not have (nor does any immediate family member have) a vested interest in or affiliation with any corporate organization of which resources/products are included in this educational activity. Nor do I have any affiliation with an organization whose philosophy could potentially bias my presentation.
OBJECTIVES

Attendees should be able to:

* Describe Players in Scientific Publishing
* Identify Red Flags for Possible Predatory Publishers
* Ascertain Uses of Preprint Servers
* Identify Requirements of NIH PAP Compliance
* List tools & Resources to Identify Quality Publishers
Are ‘predatory’ publishers’ days numbered?
SCIENTIFIC PUBLISHING: THE CAST

- PUBLISHERS
- TECH
- AUTHORS
- FUNDERS
- LIBRARIANS
Dear Dr. Steelman,

I hope you are enjoying the start of the new year. We were in contact a few months ago about your paper entitled "Academic health sciences librarians' contributions to institutional animal care and use committees". I wanted to check-in with you again about the possibility of publishing a followup/update to this paper in one of the next issues of the Medical Research Archives. I still think that such an article could be of much interest to our readers and am hoping that you are in a better position to write something now that the new year is starting. The length of the article and timing of submission are flexible. If there is any way I can assist in making this happen please do not hesitate to ask.

Would you be available to proceed with this in the next 2-3 months?

Sincerely,

Dr. Kateryna Bielka, M.D.
Senior Editor
Medical Research Archives
www.journals.ke-i.org/mra

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Image Problems

Medical Research Archives
[Accessed 1-4-17]
* Sole aim is profit
* Spamming
* Sham peer review
* Ignore criteria for research integrity / transparency
* Produce huge volumes of articles
* Hidden fees
* Lack indexing in quality bib. databases
* Editorial boards – unknowns or hijacked credentials
* Plagiarized articles
* Promise short review & publication periods
* Mimicry of quality journal titles
IS IT REALLY A PROBLEM?

Predatory publishers earned $75 million last year, study finds

By John Bohannon  |  Sep. 30, 2015, 8:00 PM

Who will keep predatory science journals at bay now that Jeffrey Beall’s blog is gone?

January 19, 2017 10:34pm EST
* **Preprints – Definition**

  * “A document in pre-publication status, particularly an article submitted to a journal for publication.”
  
  [DOE Off. Of Scientific & Technical Information]

  * “…any electronic work circulated by the author outside of the traditional publishing environment”
  
  [Am Physical Society]
* Peer-Reviewed Manuscript Awaiting Publication
  In Traditional journal
  Papers submitted for pub – pending decision
  Posted electronically for peer comments
  Docs not submitted to any journal

* Accessible on web = e-print
Preprint Servers: Biggies

arXiv.org

bioRxiv beta

PeerJ PrePrints

ChemRxiv
[coming soon]
Cancer Biology

Sign Up for Subject Area Alerts

How Cancer Genomics Drives Cancer Biology: Does Synthetic Lethality Explain Mutually Exclusive Oncogenic Mutations?
Harold Varmus, Arun M Unni, William W Lockwood
bioRxiv 091173; doi: http://dx.doi.org/10.1101/091173

Chemotherapy weakly contributes to predicted neoantigen expression in ovarian cancer
Timothy O'Donnell, Elizabeth L. Christie, Arun Ahuja, Jacqueline Buros, Bulent Arman Aksoy, David D. L. Bowtell, Alexandra Snyder, Jeffrey Hammerbacher
bioRxiv 090134; doi: http://dx.doi.org/10.1101/090134
WHAT IS IT?

Authors share opinions & information

Authors in PubMed are eligible

English

Journal Club Membership

AGREE TO:

Use real name

Grant other users license

u/ Creative Commons [comments]

Invite only eligible individuals to join

Relevant comments per the article

Disclose COI
Top comments now - more about this

Oocyte, embryo and blastocyst cryopreservation in ART: systematic review and meta-analysis comparing slow-freezing versus vitrification to produce evidence for the development of global guidance.
Rienzi L. Hum Reprod Update. 2016. 1 comment

Amy Donahue 2016 Nov 30 9:20 p.m. (5 days ago) edited 3 of 3 people found this helpful
Using the information in this article for a presentation on assisted reproduction technology, it’s very helpful. Appreciate that it’s open access, too! But as a medical librarian... more
Permalink Share

Combining MEDLINE and publisher data to create parallel corpora for the automatic translation of biomedical text.
Yepes AJ. BMC Bioinformatics. 2013. 1 comment

Aurélie Névèrol 2016 Dec 02 09:57 a.m. (4 days ago) 3 of 3 people found this helpful
Follow-up work relying on the Scielo database led to the release of a large corpus of parallel scie... more
Permalink Share

Preventing the ends from justifying the means: withholding results to address publication bias in peer-review.
Button KS. BMC Psychol. 2016. 1 comment

Erick H Turner 2016 Dec 03 09:08 a.m. (2 days ago) 1 of 1 people found this helpful
Please see... Turner EH. Publication bias, with a focus on psychiatry: causes and solutions. CNS Drugs 2013;27:457–68. doi:10.1007/s40263-013-0067-9... which cited earlier propo... more
Permalink Share

Selected recent comments - more about this

Genetic Background Limits Generalizability of Genotype-Phenotype Relationships.
Sittig LJ. Neuron. 2016. 1 comment

Andreas Papasotirioupolous 2016 Dec 05 09:30 a.m. (1 hour ago)
Congratulations on an extremely important piece of work, especially within the context of drug discovery in neuropsychiatry. This is indeed a major challenge to the status quo and calls for cautious interpretation of existing data.
Permalink Share
* Funding Amount
* UAMS Share
* Tax Payer’s $$ at Work
NIH Public Access Policy

- Mandatory since 2008
- P Is (not authors) held responsible for compliance
* July 1, 2013 Enforcement Begins
* Delay processing of
  * Non-competing continuation grant awards
* Compliance must be met for articles attached to those awards before award will be processed
Know Your Numbers

* PMID Number
  Assigned
  to all citations in PubMed.

* NIHMSID Number
  Assigned
  to manuscripts in process in the NIH Manuscript Submission System. This can be used on reports and grant applications for only 3 months following publication.

* PMCID Number
  Assigned
  to manuscripts once process of submission to NIH Manuscript Submission System is complete and article is available or will be available after embargo in PubMed Central.
Example of Method C Submission – Author Submission
Customized Report Example

NIH Public Access Policy - Non-Compliance Report

Researcher:

Note: For those pending final approval we have already requested that NIH resend those messages.

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<thead>
<tr>
<th>PMID</th>
<th>PMCID</th>
<th>NIHMSID</th>
<th>Grant Number</th>
<th>PI Name</th>
<th>Publication Date</th>
<th>NIHMS file deposited</th>
<th>NIHMS initial approval</th>
<th>NIHMS tagging complete</th>
<th>NIHMS final approval</th>
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These articles had begun the submission process to PubMed Central but are still incomplete and remain noncompliant.

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Below are the citations for these articles from PubMed... PLEASE NOTE: SOME PUBMED ID'S HAVE MORE THAN ONE GRANT NUMBER ASSOCIATED WITH IT.
## Federal Agencies Public Access Policies

In February 2013, The Office of Science and Technology Policy (OSTP) issued a statement that all federal agencies with $100 million or more in research and development funding needed to create public access policies and enforce them.

The table below lists the federal agencies with public access policies and their data management and article repository requirements.

The Bill and Melinda Gates Foundation is also creating a public access policy.

If you have any questions, please contact the UAMS Library Reference Dept.: 501-686-6734, LibraryReferenceDesk@uams.edu

<table>
<thead>
<tr>
<th>Agency</th>
<th>Start Date</th>
<th>Data Repository</th>
<th>Journal Repository</th>
<th>Article Embargo Time Allowed</th>
<th>Website for More Information</th>
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<tbody>
<tr>
<td>Agency for Healthcare Research &amp; Quality (AHRQ)</td>
<td>10/1/2015</td>
<td>AHRQ Data Center</td>
<td>PubMed Central (PMC)</td>
<td>12 months</td>
<td><a href="http://www.ahrq.gov/funding/policies/publicaccess/index.html">http://www.ahrq.gov/funding/policies/publicaccess/index.html</a></td>
</tr>
</tbody>
</table>
NIH PAP: What Can You Do?

- Know your copyright agreement!
- Know your numbers: PMID, PMCID & NIHMSID
- Review article submission requirements at Library’s website
- Watch for/Request Library customized monthly department Non-Compliance Reports
- Schedule a presentation to your department
- Start the conversation w/ subgrant awardees
* Sample the journal’s articles
* Check out journal’s web site & policies
* Fees?
* Contact other authors
* Check Indexing in PubMed or Ulrich’s
* Request a Search from UAMS Librarians
* Non-profit
* UK based
* 9400+ journals from 128 countries [as of 2-21-17]
* COI for DOAJ team members
* **Principles of Transparency and Best Practice in Scholarly Publishing**  [https://doaj.org/bestpractice](https://doaj.org/bestpractice)
Ulrich’s Web: Global Serials Directory
http://ulrichsweb.serialssolutions.com/

UAMS Library’s Tutorial
http://www.youtube.com/watch?v=bpynB_16tAs
It’s Your Intellectual Property

Protect It!

AUTHORS
HOW TO RESEARCH JOURNALS

Reference  686-6734
LibraryInformationDesk@uams.edu

Susan  Sheila  Louise  Alice  Lindsay