Responsible Publication of Research Findings

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You have..

• Completed your research
• Compiled your data
• Analyzed your results
• What’s next?
You probably want to..

• Write an article
• Publish it quickly
• Bask in the praise!
Is it that easy?
What steps do you need to take to be successful?
Typical Issues to be Resolved

• Who will write?
• Who is an author?
• Who will review/critique/double check internally?
• Where will you publish?
• What is your timeframe?
• Do you want to retain copyright?
• Will you make your data or just your results available publicly?
Where to Publish?
Where to Publish?

- University of Toledo
  http://mulford.meduohio.edu/instr/
- Sherpa/Romeo
  http://www.sherpa.ac.uk/romeo/browse.php
- Check with the Library: Ulrich’s
- Do a search!
- Ask colleagues
Copyright

• What is it?
• Alternatives: Creative Commons, Scientific Commons
• Open Access
• You can negotiate!
Supplemental Materials/Data Sets

• Do you want to include?
• Where archived?
• Okay to include?
• Funder’s policies
• Journal’s policies
How many scientists fabricate and falsify research?
A systematic review and meta-analysis of survey data.

Fanelli D.

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PLOS Author Checklist

- Have you read the license agreement and are you able to sign it on behalf of all the authors?
- Have you included details of the competing interests, financial disclosure and author contributions for the study as well as other essential information in the article file?
- Have you prepared a cover letter explaining why you consider this manuscript suitable for publication in PLoS Medicine?
- Are all authors aware of and do they approve the submission of the manuscript, its content, authorship, and order of authorship? All authors will be e-mailed a request to acknowledge that they are authors on the paper, that the work is original and has not been submitted elsewhere, and that they agree to the publishing and editorial policies of Plos Medicine. In addition, all authors will be asked to specify the nature of their contribution to the submitted work, and whether they have any competing interests.
- Does your study comply with the guidelines of the Declaration of Helsinki?
- Do you have a copy of the statement from the relevant institutional review board or ethics committee indicating their approval of the research reported in the manuscript?
- If your submission contains content that could identify individual patients (such as photos, descriptions, pedigrees), do you have copies of informed consent forms (23 KB PDF) from those patients? Have the patients been informed that under open access this published information can be used for any lawful purpose?
- Have you prepared a statement indicating who funded the study, and the role of the funding agency in conducting the study and in preparing the manuscript? You will be asked to enter this into the relevant section of the submission form.
- Does your paper comply with the Guidelines for Authors?
- Are you ready to enter authors in the correct order in the system and make sure that names, institutions, and e-mail addresses are correct?
- Is the manuscript file in DOC, RTF, or PDF? (Note: At this time we cannot accept for review or revision any documents created in Microsoft Office 2007. Please see the Author Guidelines for more details).
- Do your figures conform to the Guidelines for Figure Preparation?
- Have your original figures been created as EPS or TIFF files in a high enough resolution to provide for adequate review? Please note that individual files should not exceed 10MB.
- Have non-standard abbreviations been listed as well as defined in the text?
- Have you used standard nomenclature?
- Have you used St values?
- If reporting a clinical trial have you provided the registration number, do you have a copy of the protocol that you can upload as supporting information, and are you reporting it according to the CONSORT guidelines? Have you completed and attached the
Is it okay to publish?

My research team sent a nearly identical article to two journals— one a real stretch in terms of prestige and the early stage of our careers— it is accepted to both. Is it okay to publish both articles and add to your CV? Do I have to disclose this information to either journal?
Who’s the author?

I worked with a team of 5 research scientists (3 at GW, 2 at University of Pittsburgh) and 2 full-time research assistants. My department chair used to specialize in my area of research and he insists on reading/commenting on the manuscript. We used the Pitt editorial office for extensive writing support and the GW Biostatistics Center for extensive statistical support. As project coordinator, I am best positioned to answer questions about the research, less able to discuss editorial and statistical issues.

Who is an author of this article?
Author Order

What could go wrong?
What could go wrong?

- Redundant publication
- Plagiarism
- Honest mistakes
- Fabricated data
- Questions of authorship
- Undisclosed financial support/COI
- Reviewer conflict of interest
- Ethical issues neglected
2011 was a bumper year for retractions!
Is there more misconduct?

Is it easier to detect?
Results: 3

1. **Retraction of Publication** [Publication Type]
   Work consisting of a statement issued by one or more authors of an article or a book, withdrawing or disavowing acknowledgment of their participation in performing research or writing the results of their study. In indexing, the retraction is sent to the editor of the publication in which the article appeared and is published under the rubric "retraction" or in the form of a letter. This publication type designates the author's statement of retraction: it should be differentiated from RETRACTED PUBLICATION which labels the retracted publication.
   Year introduced: 2008(1991)

2. **Retraction of Publication as Topic**
   Authors' withdrawal or disavowal of their participation in performing research or writing the results of their study.

3. **Retracted Publication** [Publication Type]
   Work consisting of the designation of an article or book as retracted in whole or in part by an author or authors or an authorized representative. It identifies a citation previously published and now retracted through a formal issuance from the author, publisher, or other authorized agent, and is distinguished from RETRACTION OF PUBLICATION, which identifies the citation retracting the original published item.
   Year introduced: 2008(1989)
Acute heart failure treatment: traditional and new drugs. [Retraction in Contrib Nephrol. 2010;167:VI; PMID: 20527365]


NLM Journal Name: Contributions to nephrology

Journal available in: Print-Electronic
Citation processed from: Internet

NLM Journal Code: dqv, 7513582

Country of Publication: Switzerland

MeSH Subject Headings:
- Acute Disease
- Angioplasty, Balloon, Coronary
- *Cardiotonic Agents / tu [Therapeutic Use]
- *Fibrinolytic Agents / tu [Therapeutic Use]
- *Heart Failure / dt [Drug Therapy]
- Heart Failure / th [Therapy]
- Humans
- Research Design
Are you ready to publish...?

• Is your article...
  – An accurate account of your research
  – With an objective discussion of the results
  – That places those results in the context of existing research?

• Have you...
  – Made proper disclosures
  – Retained your data for peer review
  – Complied with all relevant laws and standards for research subjects?
“Within the scope of the journal as noted above, manuscripts should represent a substantial advance in medical science or medical practice in terms of:

• Originality
• Importance to researchers or practitioners in the field
• Interest for researchers or practitioners outside the field
• Rigorous methodology with conclusions justified by the evidence presented
• Adherence to the highest ethical standards”

http://www.plosmedicine.org/static/guidelines.action#crite ria
Additional Materials

• Clinical trials: CONSORT checklist
  http://www.consort-statement.org/consort-statement/overview0/#checklist

• Systematic Reviews/Meta-analyses: PRISMA CHECKLIST
  http://www.prisma-statement.org/statement.htm
Resources

• Himmelfarb’s Research Portal—Writing and Publishing
  http://www.gwumc.edu/library/portals/research/writingpublishing.cfm
• Committee on Publication Ethics
  http://publicationethics.org/
• Instructions to authors in the health sciences (University of Toledo)
  http://mulford.meduohio.edu/instr/
• Uniform requirements for manuscripts submitted to biomedical journals
  http://www.icmje.org/
• International Committee of Medical Journal Editors
  http://www.icmje.org/
### Authorship Guidelines

- **Authorship in MEDLINE**
- **Good Publication Practice (GPP2) Guidelines**
  - Good Publication Practice (GPP2) guidelines were created by the International Society for Medical Publication Professionals to ensure that clinical trials sponsored by pharmaceutical companies are published in a responsible and ethical manner.
- **ICMJE Uniform Requirements for Manuscripts Submitted to Biomedical Journals**
- **Instructions to Authors in the Health Sciences (Mulford Library)**
- **Publishing Your Research 101**

### How to Select a Journal for Publication

- **Ask Jane**
  - Have you recently written a paper, but you're not sure to which journal you should submit it? Or maybe you want to find relevant articles to cite in your paper? Are you an editor, and do you need to find reviewers for a particular paper? Jane can help!
- **Factors to Consider in Selecting a Journal for Publication**

### Citation Styles

- **AMA Manual of Style, 10th edition**
  - Electronic full text. Access restricted to WUJ.
- **Citing Medicine, 2nd edition: The NLM Style Guide for Authors, Editors, and Publishers**

### WUSM Resources

- **Office of Faculty Affairs: Biomedical Publishing Resources**
- **Office of Faculty Affairs: Curriculum Vitae (CV) WUSM Format**
- **Program for the Ethical and Responsible Conduct of Science and Scholarship (PERCSS)**
- **WU Intellectual Property & Research Policies**
- **WU Policy for Authorship on Scientific and Scholarly Publications**

### Publishers
Questions?

Thank you!