NIH Public Access Policy

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Rudolph Matas Medical Library
July 18, 2008
Changes & Updates Frequently
What is It?

- Policy implements Division G, Title II, Section 218 of PL 110-161 (Consolidated Appropriation Act, 2008)
  
  The Director of the National Institutes of Health shall require that all investigators funded by the NIH submit or have submitted for them to the National Library of Medicine’s PubMed Central an electronic version of their final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication: Provided, That the NIH shall implement the public access policy in a manner consistent with copyright law.

- Public will have access to published results of NIH funded research via PubMed Central

To Put It Simply...

- Awardees (or their representatives) are required to submit peer-reviewed manuscripts/articles arising from NIH-funded research
Goals of Public Access:

- **ARCHIVE:** Central collection of NIH-funded research publications preserves publication findings for years
- **ADVANCE:** Serves as an information resource for scientists to research publications more easily
- **ACCESS:** Makes available to the public research publications resulting from NIH-funded projects
Why?

• Meets the public’s expectation that articles based on NIH funded research are publicly available
• Makes NIH more transparent and accountable
• NIH funded research becomes more prominent, integrated and accessible, making it easier for all scientists to pursue NIH’s research priority areas competitively
Voluntary Policy - 2005

Percent of target articles submitted under the Voluntary Public Access Policy
NIHMS Submission Statistics
## Public Access vs. Open Access

<table>
<thead>
<tr>
<th>Public Access</th>
<th>Open Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Copyright is enforced</td>
<td>• Free to use and distribute</td>
</tr>
<tr>
<td>• Accessible under fair use</td>
<td>• Copyrighted documents under a Creative Commons or similar</td>
</tr>
<tr>
<td>principles</td>
<td>license-type</td>
</tr>
<tr>
<td>• Embargoed for up to one year</td>
<td>• Derivative works with attribution</td>
</tr>
<tr>
<td></td>
<td>• Available immediately after publication</td>
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Manuscript vs. Article

- **Final peer-reviewed manuscript**: The author’s final manuscript of a peer-reviewed article accepted for journal publication, including all modifications from the peer review process.

- **Final published article**: The journal’s authoritative copy of the article, including all modifications from the publishing peer review process, copyediting and stylistic edits, and formatting changes.
Publication Cycle

Manuscript

Journal

Peer-reviewed

Revision

Acceptance

Copy Editing

Published Article
PubMed vs PubMed Central

- **PubMed**: Database providing access to citations from biomedical literature (includes MEDLINE) [http://pubmed.gov](http://pubmed.gov)

- **PubMed Central**: Archive of full-text biomedical journal articles available online without a fee [http://www.pubmedcentral.nih.gov](http://www.pubmedcentral.nih.gov)
Integrated Archive

Comparison of the Anti-Influenza Virus Activity of RWJ-270201 with Those of Oseltamivir and Zanamivir

S. L. Ananth, L. L. Horn, K. Andries, P. Chand, P. L. El-Kattan, T. Lin, T. L. Hutchison, J. A. Montgomery, D. ...
Heart-Surface Reconstruction and ECG Electrodes Localization Using Fluoroscopy, Epipolar Geometry and Stereovision: Application to Noninvasive Imaging of Cardiac Electrical Activity

Raja N. Ghanem, Student Member IEEE, Charulatha Ramanathan, Ping Jia, and Yoram Rudy, IEEE Fellow

R. N. Ghanem is with the Department of Biomedical Engineering, Case Western Reserve University, Cleveland, OH 44106 USA. C. Ramanathan and P. Jia are with the Department of Biomedical Engineering, Case Western Reserve University, Cleveland, OH 44106 USA. Y. Rudy is with the Department of Biomedical Engineering, Case Western Reserve University, 10900 Euclid Ave., Wickenden 504, Cleveland, OH 44106 USA (e-mail: yr@cwru.edu).
DISC VARIANCE OF THE HARKEN MITRAL PROSTHESIS: THE CONTRIBUTION OF ASSOCIATED AORTIC REGURGITATION

Michael D. Yarnoz, M.D., David Hueter, M.D., John R. McCormick, M.D., Harrison Black, M.D., and Robert L. Berger, M.D.

Departments of Cardiothoracic Surgery and Cardiology, Boston University Medical Center and St. Elizabeth's Hospital, Boston, Massachusetts.

Abstract

Four cases of severe mitral regurgitation due to disc variance of the Harken disc prosthesis in the mitral position are described.
What? - Requirements

1. Submit peer-reviewed manuscripts or articles arising from NIH-funded research into PubMed Central
   
   **Not covered:**
   
   - Book chapters
   - Editorials
   - Conference proceedings

2. When citing a paper in NIH applications, proposals or reports, include the PubMed Central (PMC) ID
Scope of the Policy - Submission

You must deposit into PMC any manuscript that:

1. Is peer-reviewed;  AND

2. Is accepted for publication in a journal on or after April 7, 2008;  AND

3. Arises from:
   ▫ Research funded by an NIH grant or cooperative agreement active in NIH Fiscal Year 2008;  OR
   ▫ Research directly funded by a contract signed on or after April 7, 2008; OR
   ▫ Research directly funded by the NIH Intramural Program; OR
   ▫ If NIH pays your salary
Scope of the Policy - Cite PMC ID

- As of May 25, 2008 PMC ID numbers must be cited when referencing NIH-funded articles for progress reports and renewal or creation of grant applications.
Scope of the Policy - Cite PMC ID

- As of May 25, 2008 PMC ID numbers must be cited when referencing NIH-funded articles for progress reports and renewal or creation of grant applications.

1. Predicting Survival within the Lung Cancer Histopathological Hierarchy Using a Multi-Scale Genomic Model of Development
   Hongye Liu, Alvin T Kho, Isaac S Kohane, and Yao Sun
   PMCID: PMC1483910
   [Abstract] [Full Text] [PDF—447K] [Supplementary Material]

2. BRAIN TUMOURS: CLASSIFICATION AND GENES
   V Collins
   PMCID: PMC1765661
   [Summary] [PDF—373K]
Who is Responsible?

- All principal investigators and their institutions
- This includes the submission of articles that arise directly from their awards, even if they are not an author or co-author
How to Comply: Submitting the Manuscript
Copyright

- Authors own original copyright – however...
- Authors often transfer some rights to the publisher when the journal agrees to publish the article
  - Ensure that the copyright transfer allows the article to be submitted to NIH
  - Some journals automatically submit articles to PubMed central
- Federal employees’ works are not subject to copyright protection
Submit the Article/Manuscript

- Publish in a journal that automatically deposits final published articles in PubMed Central
  [http://publicaccess.nih.gov/submit_process_journals.htm](http://publicaccess.nih.gov/submit_process_journals.htm)
  OR
- Arrange to have publishers submit published article for you for a fee
  OR
- Submit peer-reviewed manuscripts via NIH Manuscript Submission (NIHMS) system
Journals Submitting Manuscripts

• Some journals deposit peer-reviewed manuscript files on behalf of their authors through the NIHMS
• Authors still have to provide the associated award information, and review and approve the PMC-formatted manuscript
• The NIHMS will contact authors via email to ask them to approve the PMC-formatted manuscript
Using the NIHMS System

http://www.nihms.nih.gov/

1. Log in to NIHMS
2. Enter basic information
3. Upload a copy of the accepted peer-reviewed manuscript files(s)
4. The author approves the submission

Last thoughts

• If you don’t comply:
  ▫ You could lose current and future NIH funding
  ▫ Your institution could lose current and future funding
For more information:

- NIH Public Access Policy
- NIH Manuscript Submission System (NIHMS)
- PubMed Central:
- SPARC

[http://publicaccess.nih.gov/contact.htm](http://publicaccess.nih.gov/contact.htm)
Thank You!

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