

# Open Access: Where will it take us? (Can we even get off the bus!)

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## Disclosures

- Member, Editorial Board, Frontiers in Radiation Oncology
- Member, Governing Board, American Institute of Physics
- Member, Board of Directors, AAPM

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## Open Access

- What is "Open Access"
- Open Access Acceptance
- Open Access Institutional Policies
- <http://www.doi.org>
- Open Access Article Processing Charges (APCs)
- Open Access Author Acceptance

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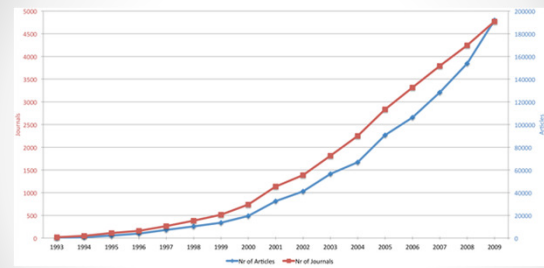
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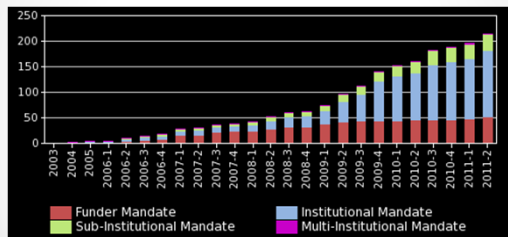
Figure 2. The development of open access publishing 1993–2009.



Laakso M, Welling P, Bukvova H, Nyman L, et al. (2011) The Development of Open Access Journal Publishing from 1993 to 2009. PLoS ONE 6(6): e20961. doi:10.1371/journal.pone.0020961  
<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0020961>

PLoS one

## Open Access Mandates



English: ROARMAP growth curve for green open access mandates, Aug 1 2011

1 August 2011

Own work

Harald

## Tufts University

### SCHOLARLY COMMUNICATION at Tufts

#### Provost's Open Access Fund

##### About the fund

Established by former Provost Janebed Shanche in 2000, the Provost's Open Access Fund is intended to provide support for enabling open access to scholarship, educational resources, and research collections created by Tufts faculty. After a successful pilot in 2011, funding has been allocated for 2012.

##### Eligible Projects

Funds can be expended for two purposes:

- Author pays Open Access Publishing: Funds may be used to support payment of fees required by the publisher to make an article open access.
- Digitization of Research Collections for Open Access: Funds may be used to support digitization of research materials owned by faculty with the stipulation that the resulting digital collection be made freely accessible for teaching and research use.

#### SCT NEWS

The Provost's Open Access Fund, a new initiative of the Provost's Office, will provide financial support to faculty members who want to provide open access to their scholarship and research collections. Learn more about the research of previous Open Access Fund recipients.

#### SCT'S READING LIST

View our reading list

[http://sites.tufts.edu/scholarlycommunication/?page\\_id=340](http://sites.tufts.edu/scholarlycommunication/?page_id=340)

**SCHOLARLY COMMUNICATION at Tufts**

HOME ABOUT AUTHOR'S RIGHTS COPYRIGHT

### Open Access

**What is it?**

One of the most significant initiatives aimed at addressing the crisis in scholarly communication is the open access movement. If an article is "Open Access" it means that it can be freely accessed through the Internet. The potential readership of open access articles is far greater than that of articles published in subscription-based journals. Open access does not affect peer-review; articles are peer-reviewed and published in journals in the normal way.

**What you can do**

**Publish in open access journals**

Scholars around the world have started open access publishing initiatives that provide free access to their content. Open access journals are usually peer-reviewed. The [Directory of Open Access Journals](#) lists scholarly journals in which you might want to publish.

**Deposit your work in repositories**

- **Discipline-specific repositories:** Many disciplines now have repositories in which scholars can deposit their materials, including preprints, datasets, and previously published journal articles. OpenDOAR is a directory of repositories around the world.
- **Institutional repositories:** Tufts University has a digital repository in which faculty can deposit their materials. If you would like to deposit your materials for distribution via the Tufts Digital Library, contact Digital Collections and Archives (DCA).
- **NIH-funded research:** If your research is funded by NIH, you are required to deposit your publications in PubMed Central.

• [http://sites.tufts.edu/scholarlycommunication/?page\\_id=12](http://sites.tufts.edu/scholarlycommunication/?page_id=12) •

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**Harvard University**

### Open Access Policies

**"The goal of university research is the creation, dissemination, and preservation of knowledge. At Harvard, where so much of our research is of global significance, we have an essential responsibility to distribute the fruits of our scholarship as widely as possible."**

**Steven E. Hyman**  
*Provost of Harvard University*

• <http://osc.hul.harvard.edu/policies> •

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**Harvard University**

### Open Access Policy

**Complying with the Policy**

In order to comply with Harvard's Open Access Policy, faculty authors should

- **Always deposit each article** in DASH.

If possible, you should deposit the **author's final manuscript** of your article in the DASH repository whether or not you included the addendum or the publisher accepted it. Even if you had the license **waived**, you should still deposit the article; it can be made available immediately or after a delay or kept "dark" depending on the publication agreement.

To avoid a conflicting transfer of copyright to the publisher and to protect yourself from breach of contract, we recommend that you

- Use the **addendum generator** to prepare an "author addendum" to attach to the agreement with a publisher.

If the publisher will not accept the addendum or will not publish the article if it is subject to the Open Access License, you can always

- **Request a waiver** of the Open Access Policy.

• [http://osc.hul.harvard.edu/authors/policy\\_guide](http://osc.hul.harvard.edu/authors/policy_guide) •

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**DOAJ** DIRECTORY OF OPEN ACCESS JOURNALS

Free, full text, quality controlled scientific and scholarly journals, covering all subjects and many languages

English

**Open Access info**

**What is Open Access?**

- Open Access Overview by Peter Suber
- The Budapest Open Access Initiative
- Bethesda Statement on Open Access Publishing
- Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities
- The Open Access Bibliography
- For other Open Access resources, please visit the [Open Access Directory](#)

**Open Access publishing for journal owners**

- Online Guide to Open Access Journals Publishing
- Open Access Scholarly Publishers Association
- Flipping a Journal to Open Access by Peter Suber
- For copyright matters, we recommend that you visit [Creative Commons](#)
- Open-access Journal Publishing Resource Index

**Publishing systems**

- Open Journal
- Open Journal Systems
- Scholarly Exchange

**Open Access publishing for authors**

- Publisher copyright policies and self archiving

<http://www.doaj.org/doaj?func=loadTempl&templ=links&uiLanguage=en>

## Frontiers in Radiation Oncology

Article Type	Article Processing Fees						
<ul style="list-style-type: none"> <li>Mini Review Article</li> <li>Perspective Article</li> <li>CPC<sup>(1)</sup></li> </ul>	€ 575						
<ul style="list-style-type: none"> <li>Original Research Article</li> <li>Clinical Case Study<sup>(2)</sup></li> <li>Hypothesis and Theory Article</li> <li>Method Article</li> <li>Review Article</li> </ul>	<table border="1"> <thead> <tr> <th>When Research Topic Submission</th> <th>When Regular submission</th> </tr> </thead> <tbody> <tr> <td>           If Corresponding Author is a Frontiers Associate or Chief Editor            € 770         </td> <td>           If Corresponding Author is a Frontiers Associate or Chief Editor            € 1,280         </td> </tr> <tr> <td>€ 960 For ALL other cases</td> <td>€ 1,600 For ALL other cases</td> </tr> </tbody> </table>	When Research Topic Submission	When Regular submission	If Corresponding Author is a Frontiers Associate or Chief Editor € 770	If Corresponding Author is a Frontiers Associate or Chief Editor € 1,280	€ 960 For ALL other cases	€ 1,600 For ALL other cases
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€ 960 For ALL other cases	€ 1,600 For ALL other cases						
<ul style="list-style-type: none"> <li>Editorial</li> <li>Book Review</li> <li>General Commentary</li> <li>Opinion Article</li> </ul>	FREE						
<ul style="list-style-type: none"> <li>Clinical Trial Article<sup>(2)</sup></li> <li>Technology Report</li> </ul>	€ 2,000						

(1) Available only for Neurology Education.  
(2) Available only for Clinical specialties.

[http://www.frontiersin.org/Radiation\\_Oncology/fees](http://www.frontiersin.org/Radiation_Oncology/fees)

## Open Access

### Physics in Medicine and Biology

**What is IOP's policy on open access publication?**

IOP enables authors and their funding agencies to make the final published versions of their research papers freely available online on payment of a publication fee. The fee covers all publication costs, from the management of peer review to the online hosting, dissemination and long-term archiving of the published paper. 34 journals published by IOP offer this option. This includes seven pure open access journals and 27 'hybrid' subscription journals. Articles are made freely available immediately on publication. This form of publishing is known as gold open access.

**What does it cost to make my article open access in a subscription journal?**

The article processing charge will be standard across most of our journals and in 2012 the cost is:

£1700; \$2700; €1950 excluding VAT where applicable.

Charges on full open access titles and partner titles may vary. Please refer to the relevant journal homepage for more information.

<http://iopscience.iop.org/info/page/openaccess>

## Publication Fees in Open Access Publishing: Sources of Funding and Factors Influencing Choice of Journal

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## Salomon & Bjork

Open access (OA) journals distribute their content at no charge and use other means of funding the publication process. Publication fees or article processing charges (APC)s have become the predominant means for funding professional OA publishing. We surveyed 1,038 authors who recently published articles in 74 OA journals that charge APCs stratified into seven discipline categories. Authors were asked about the source of funding for the APC, factors influencing their choice of a journal and past history publishing in OA and subscription journals. Additional information about the journal and the authors' country were obtained from the journal website. A total of 429 (41%) authors from 69 journals completed the survey.

## Salomon & Bjork

Table 2 Article Processing Charges by Discipline Categories

	APC Category				Number <sup>2</sup>
	< 500	501 - 1000	1001-2000	2001-3000	
Agriculture and Forestry	71%	29%			7
Business and Economics	71%	29%			7
Chemistry, Earth Sciences, Physics and Astronomy	10%	50%	40%		10
Education, Social Sciences, Law and Political Science	13%	67%	20%		15
Health Sciences, Biology and Life Sciences	7%	14%	50%	29%	14
History and Archaeology, Arts and Architecture, Languages and Literatures			100.0%		1
Technology, Engineering, Mathematic and Statistics, Computer Science	27%	53%	20%		15

APC categories are in US Dollars (USD).

Based on the 69 journals in which the responding authors published.

Statistical significance (Fisher's exact)  $p < 0.0001$ .

The percentages in each cell are for the number (given in the last column) of authors who published articles in that discipline category.

## Conclusions

- Open Access allows unrestricted access to information content.
- Content is generally considered to be
  - "Green" (via institutional or other archives) or
  - "Gold" (via a fully Open Access Journal)
- Some intermediate Open Access content (limited article set) can be found:
  - Medical Physics
  - Physics in Medicine and Biology
- The movement to Open Access is growing at a rapid, accelerating rate.
- Article Processing Charges are commonly associated with Open Access Journals, but not necessarily widely accepted by authors where alternatives exist.

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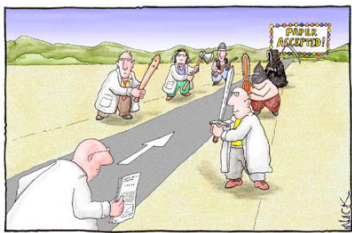
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## Thank you



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

• <https://intechweb.wordpress.com/2010/10/14/open-access-peer-review-which-one-any-one/> •

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