

Open Access Resources: An Introduction to Public Library of Science and BioMed Central

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Rick Peterson

Duke University Medical Center Library

Topics

- Headquarters
- Web address
- Tax status
- History and funding
- Open access criteria
- Copyright
- Products

Topics (continued)

- Open access titles
- ISI impact factor
- Where archived
- Print availability
- Where indexed
- Pricing model

Headquarters

- PLoS – San Francisco, CA
- BMC – London, England

Web Addresses

Public Library of Science

<http://www.plos.org>

BioMed Central

<http://www.biomedcentral.com>

Tax Status

- PLoS – not for profit
- BMC – commercial publisher, for profit

History and Funding - PLoS

- Co-founded by Harold Varmus, Patrick Brown, and Michael Eisen in 2000
- 9 million dollar grant from Moore Foundation for first 4 years
- Additional external funding
- Goal is to become self sustaining

History and Funding - BMC

- Funding provided in part by BMC entrepreneur Vitek Tracz, Chairman of the Current Science Group and BioMed Central
- Currently not breaking even

Do PLoS and BMC Meet Open Access Criteria?

- PLoS – Bethesda Statement on Open Access Publishing
- BMC – Similar principles
- Freely accessible
- Archived in an established repository
- Can be used for variety of purposes with attribution to author

Copyright

- PLoS and BMC – author maintains copyright ownership
- PLoS – apply Creative Commons
- BMC – similar to Creative Commons
- Anyone is free to:
 - Copy, distribute, and display work
 - To make derivative works
 - To make commercial use of work
- Attribution – author given credit

Products -PLOS

- Open Access Journals

Open Access Journals - PLoS

Presently 2 titles

- Biology – October 2003
- Medicine – October 2004

Additional 3 titles forthcoming

- Computational Biology – June 2005
- Genetics – July 2005
- Pathogens – September 2005

PLoS Biology

- Within the first eight hours of the journal's launch, traffic on the site spiked to more than half a million hits
- Second issue contained article by Duke author about brain implants in monkeys that enable them to control a robotic arm with their thoughts.

Products - BMC

- Open access and subscription based journals with open access to research articles
- Faculty of 1000
- Current Controlled Trials
- Images.MD
- Open Repository

Open Access Journals - BMC

- 130 titles
- <http://www.biomedcentral.com/browse/journals/>

Open Access Journals - BMC

The research articles in all journals published by BioMed Central are 'Open Access'. They are immediately and permanently available online without charge. A number of journals require an institutional or a personal subscription to view other content, such as reviews or paper reports.

ISI Impact Factor

- PLoS – not available until later in 2005

ISI Impact Factor - BMC

- Respiratory Research - 5.537, 2 of 31
- Arthritis Research Therapy – 5.036, 2 of 21
- Breast Cancer Research – 2.93, 43 of 120
Oncology titles
- Cell Biology – 2.618, 69 or 156
- Critical Care – 1.91, 6 of 16

[http://www.biomedcentral.com/info/about/faq?
name=impactfactor](http://www.biomedcentral.com/info/about/faq?name=impactfactor)

Where Archived

- Both PLoS and BMC archived to PubMedCentral

Where Indexed – PLoS Biology

- Medline
- PubMed
- All of the ISI indexes (Web of Science, BIOSIS, Current Contents, the Science Citation Index), Cambridge Abstracts
- EBSCO
- Lexis-Nexis
- *PLoS Biology* allows full-text crawling of all the major online search engines, such as Google.

Where Indexed - BMC

All BioMed Central research journals are indexed by:

- PubMed
- Scirus
- Google
- Citebase
- OAlster
- Scopus

Where Indexed - BMC

A selection of BioMed research journals are indexed by:

- Medline
- ISI - Web of Science, Science Citation Index and Current Contents
- BIOSIS
- EMBASE
- CAS
- CABI

Availability in Print - PLoS

- Yes, Biology and Medicine
- Print subscription price per title for 2005 is \$160 for institutions and \$160 for individuals

Availability in Print - BMC

- Many titles only in electronic form with printed archival editions available at the end of each calendar year
- Some titles, including Arthritis Research & Therapy, Breast Cancer Research, Critical Care, Genome Biology and Journal of Biology have a print edition.

Pricing Model – PLoS

- Author pay model
- Charge to author \$ 1,500/article, discounted if affiliated with Institutional Membership
- Fees may be waived or discounted if author is unable to pay
- Institutional Memberships available for \$2,000 - \$ 100,000/year, 10 – 75% discount on author fee
- 132 institutional members in 10 countries

Pricing Model - BMC

- Author pay model
- Charge to author \$ 635 - \$ 1,605/article
- Fees may be waived or discounted if author is unable to pay
- Researchers from institutions that are members of BioMed Central do not have to pay the article-processing charge

Pricing Model - BMC

- 2005 - Institutional memberships charges based on FTE model, range from \$ 1,725 - \$8,625/year
- 512 members in 40 countries
- 2006 – Institutional membership charges will be based on number of articles published by the institution during the previous year.
- BMC seeking funding from institutional contract/grants office and funding bodies such as NIH.

Questions?

Rick Peterson

rick.peterson@duke.edu