



# Open Access to Scholarly Communications

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Open Access Project  
Information Program  
Open Society Institute



# Overview of presentation

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- Background on OSI
- Introduction to Open Access
- Open Access Journals
- Institutional Repositories
- Funding for Open Access



# Open Society Institute

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- Private, grant-making foundation funded by George Soros
- Programmes in civil society, education, public health, legal and economic reform, information
- Network of national foundations in 67 countries.
- OSI Budapest & OSI New York



# Information Program of OSI

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- Internet & Information Policy
- ICT Toolsets
- ICT's for Civil Society
- Intellectual Property Rights
- Open Source
- eIFL (electronic information for libraries)
- Open Access Project



## Definition of open access

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In using the term 'open access', we mean the free availability of peer-reviewed literature on the public internet, permitting any user to read, download, copy, distribute, print, search, or link to the full texts of the articles.



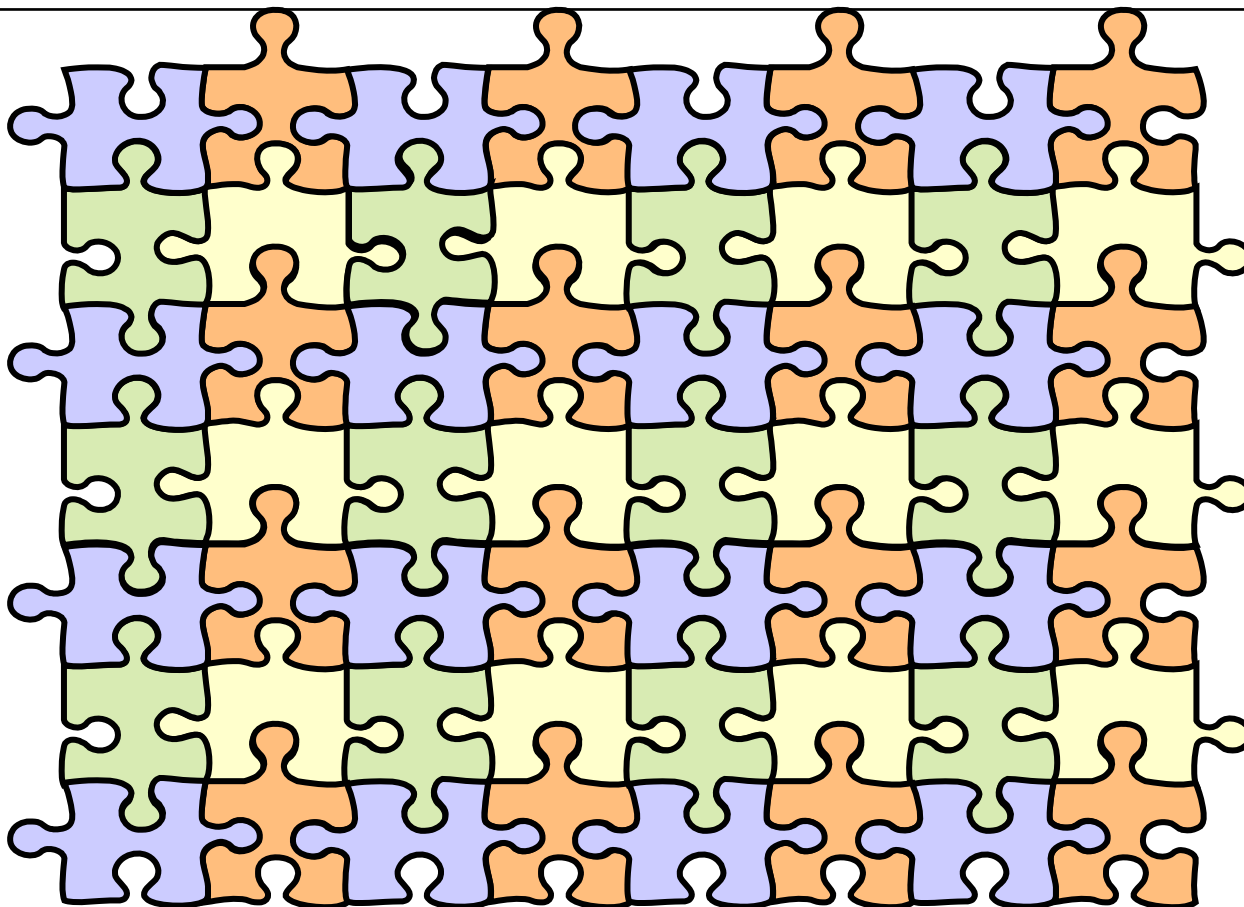
## Driving force behind open access

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- Goal of authors: communication of their scholarly work (all papers in all fields, interconnected and accessible from any researcher's desk worldwide).
- Current status: authors are not being paid for their work, yet the cost of many journals is so high that the authors' institutions cannot afford to purchase the journal in which the article is printed.

Ultimate goal:  
Interconnected, available

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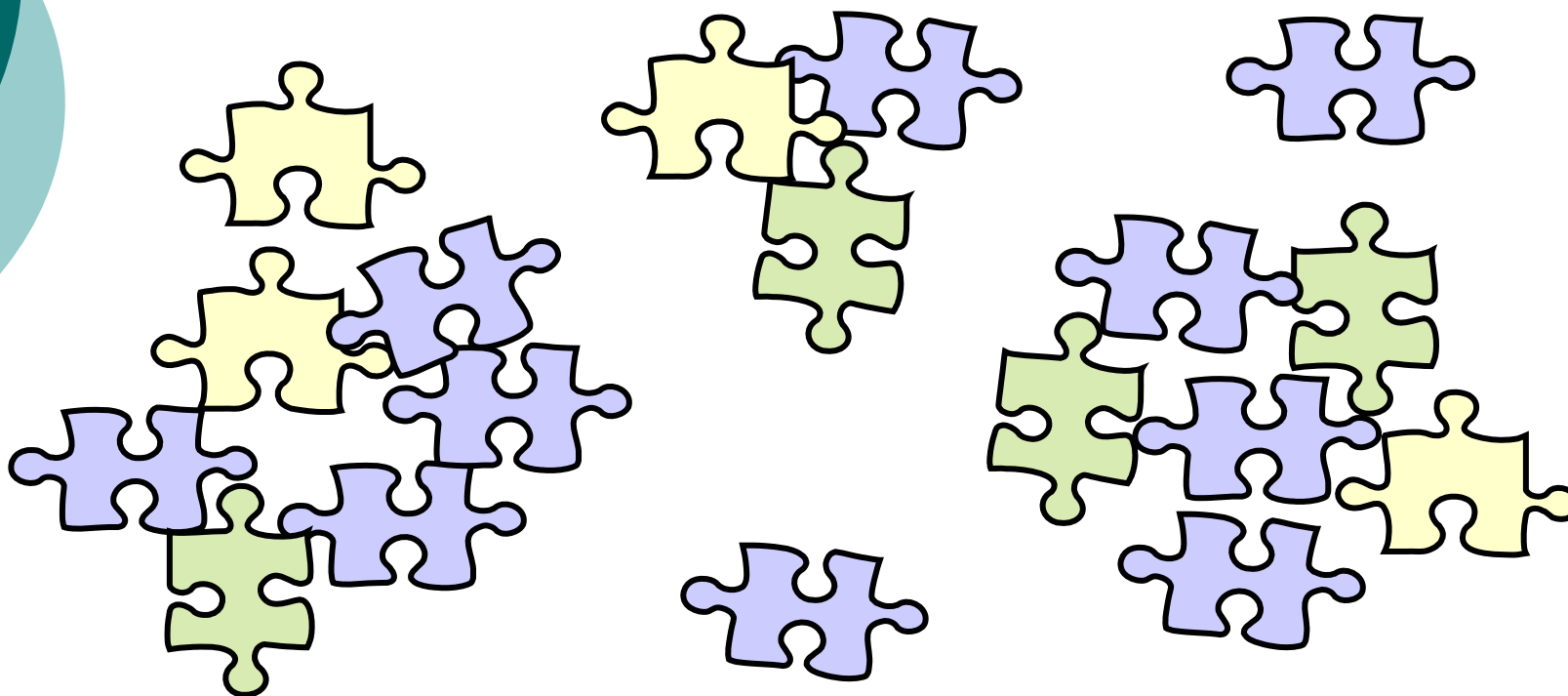


from Les Carr presentation @ ALPSP/OSI meeting



The literature as it is today:  
disjointed, inaccessible for the majority.

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from Les Carr presentation @ ALPSP/OSI meeting



## Background to the Open Access Project

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To work towards a solution to the problems affecting access to scholarly journals, OSI held a meeting in Budapest in 2001 of leaders who are exploring alternative publishing models in the field of scholarly communications.



## Background to the Open Access Program

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The participants concluded that open access was the goal and agreed on two main strategies for achieving it:

1. self-archiving (development of institutional repositories);
2. alternative (open access) journals.



# Background to the Open Access Project

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These conclusions form the basis of the Budapest Open Access Initiative (BOAI). OSI's Open Access Project is based upon the principles of the BOAI.



## Open access journals

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A journal which is freely available online worldwide and does not rely upon the traditional subscription based business model to generate revenue.



## Open access journals

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- If they do not charge a subscription fee, how do they generate the funds necessary to publish the journal?
- Open access journals employ a combination of new business models, among them:



## Open access journals

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- Article processing fee: when a paper is accepted for publication in an open access journal, a fee is charged to the author's institution/research grant, which covers the cost of peer review, online publication, etc.



# Open access journals

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- Institutional membership:
  - Researchers from member institutions have the right to publish an unlimited number of research articles in the journal without paying the article processing fee.
  - BioMed Central pioneered this model: Harvard, Columbia, Czech Academy of Sciences, Debrecen University, & UK.



# Open access journals

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- Hybrid model (Walker/Prosser): for conversion of subscription-based journal to open access. Authors would be presented with two options:
  - To pay an article processing fee – the paper is then made open access on publication.
  - Not to pay an article processing fee – the paper is only available to subscribers.

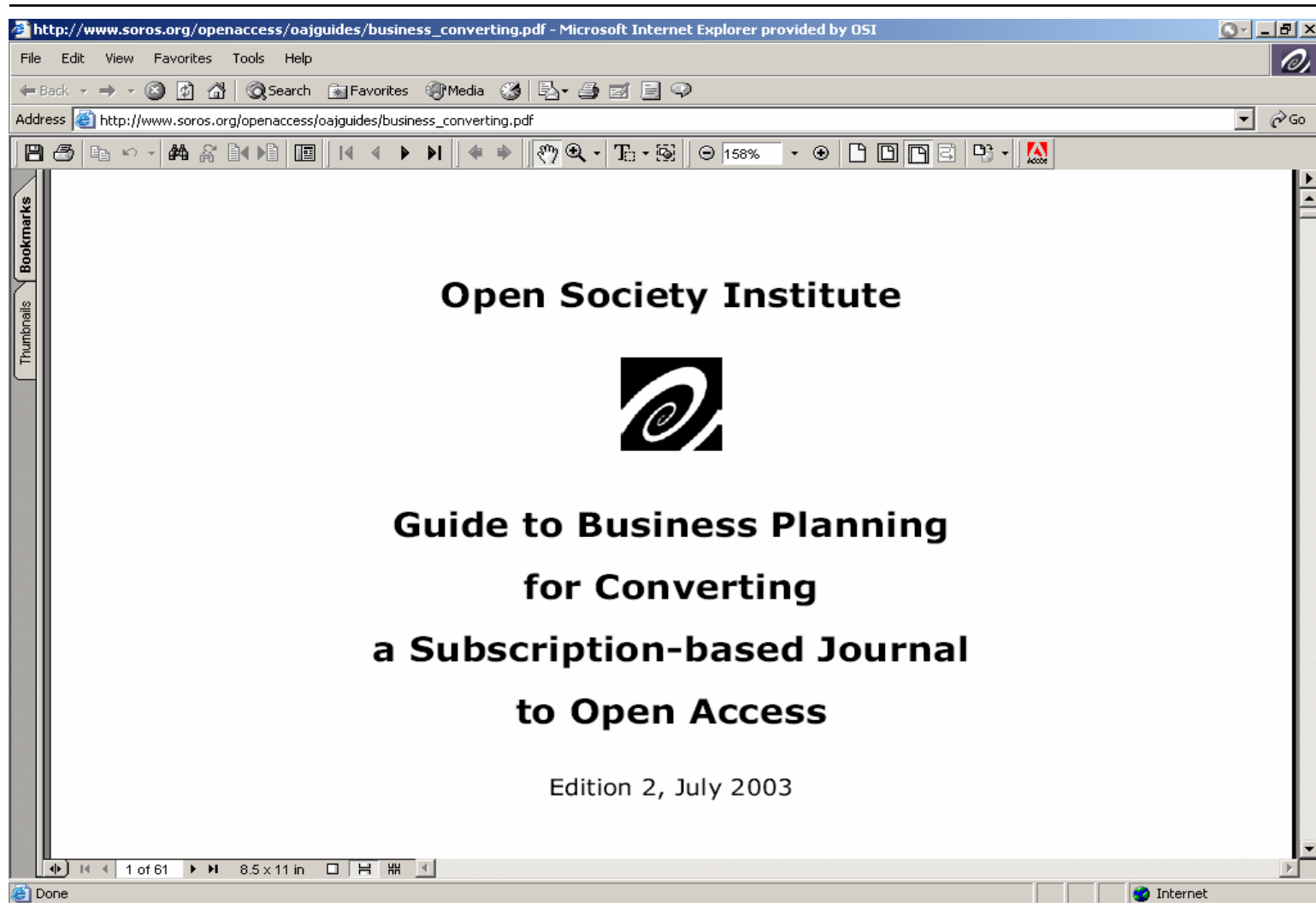


# Open access journals

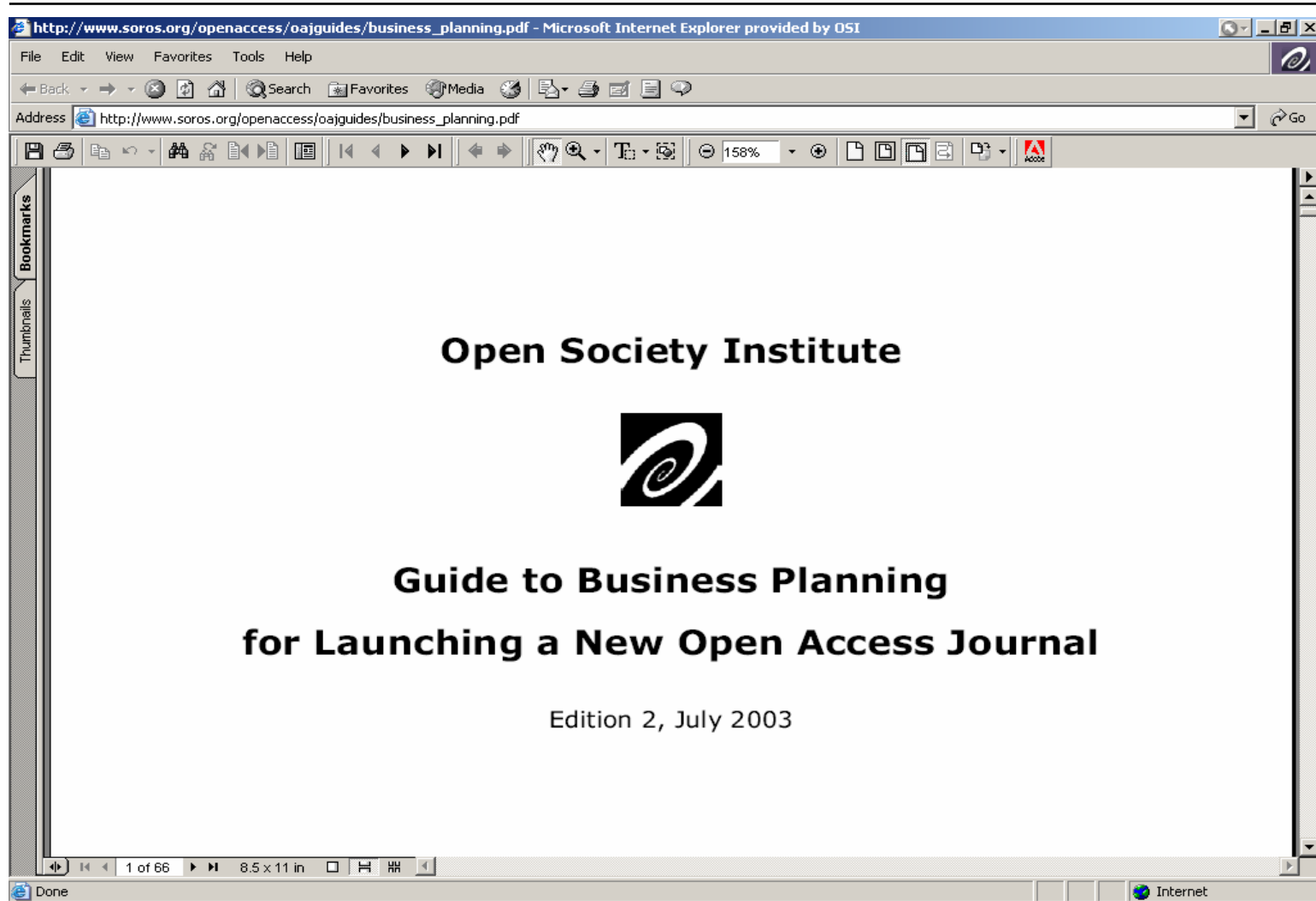
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- Advertising: works best when journal's audience is highly specialized (i.e. medical journals)

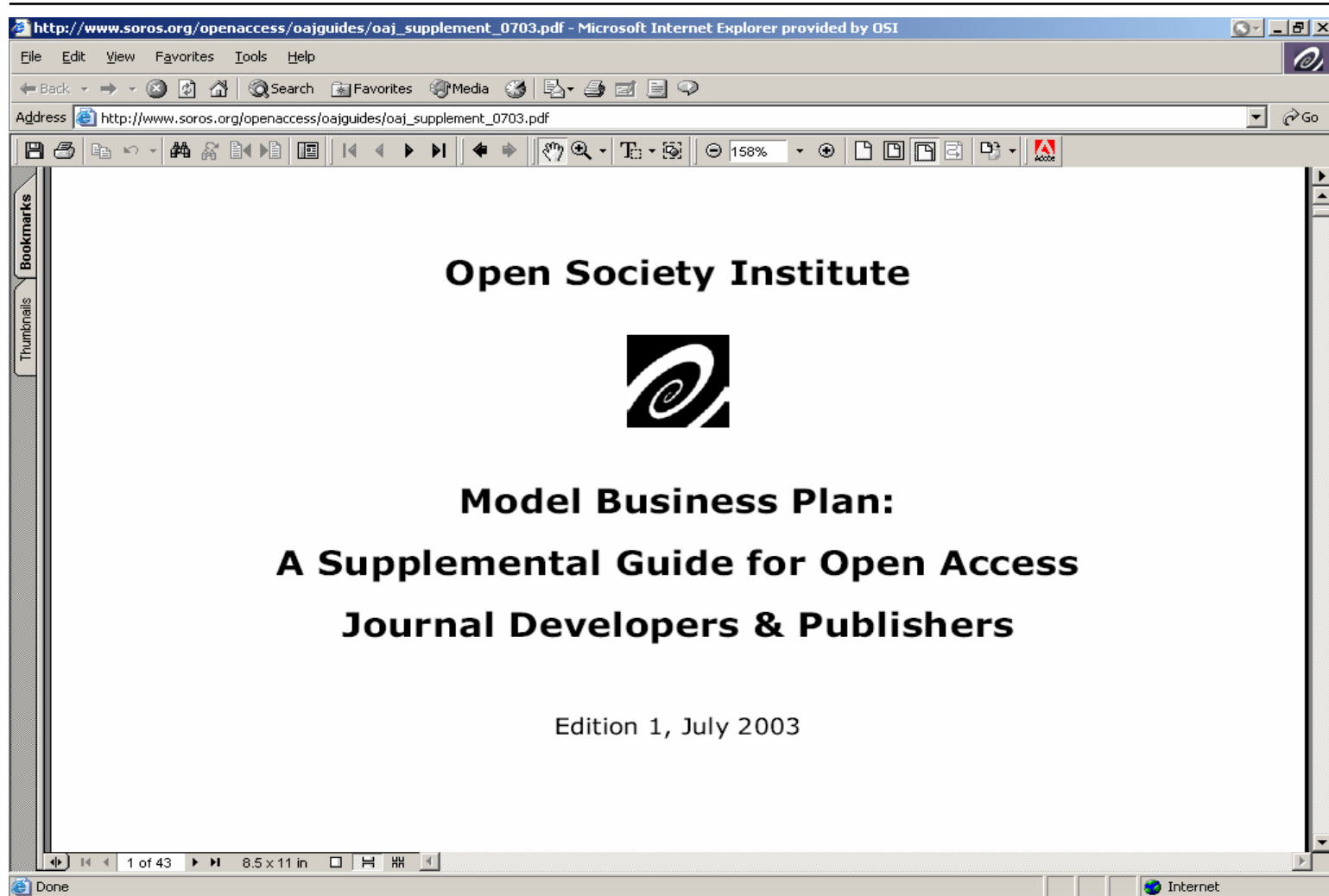
# Business guides for open access journals



# Business guides for open access journals



# Business guides for open access journals





## Publishers convert to open access

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- Oxford University Press
- Company of Biologists
- TheScientificWorld

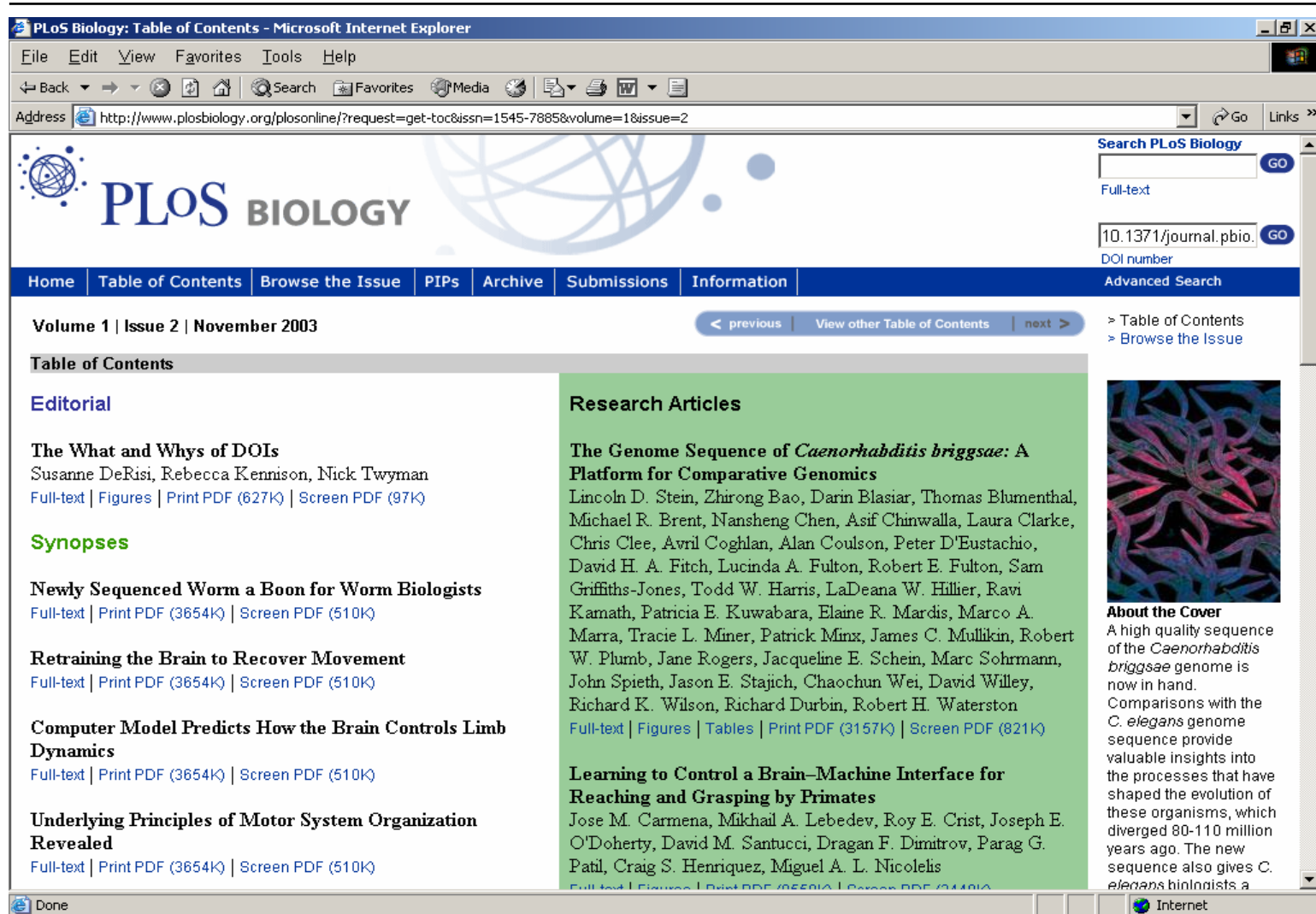


## New open access journals

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- BMC: over 100 titles
- PLoS: \$9 million grant to launch two new journals:
  - PLoS Biology – Launched 13 Oct. 2003
  - PLoS Medicine – To be launched Spring 2004

# Open access journals: PLoS



**PLoS BIOLOGY**

Home | Table of Contents | Browse the Issue | PIPs | Archive | Submissions | Information

Volume 1 | Issue 2 | November 2003

Table of Contents

**Editorial**

**The What and Whys of DOIs**  
Susanne DeRisi, Rebecca Kennison, Nick Twyman  
[Full-text](#) | [Figures](#) | [Print PDF \(627K\)](#) | [Screen PDF \(97K\)](#)

**Synopses**

**Newly Sequenced Worm a Boon for Worm Biologists**  
[Full-text](#) | [Print PDF \(3654K\)](#) | [Screen PDF \(510K\)](#)

**Retraining the Brain to Recover Movement**  
[Full-text](#) | [Print PDF \(3654K\)](#) | [Screen PDF \(510K\)](#)

**Computer Model Predicts How the Brain Controls Limb Dynamics**  
[Full-text](#) | [Print PDF \(3654K\)](#) | [Screen PDF \(510K\)](#)

**Underlying Principles of Motor System Organization Revealed**  
[Full-text](#) | [Print PDF \(3654K\)](#) | [Screen PDF \(510K\)](#)

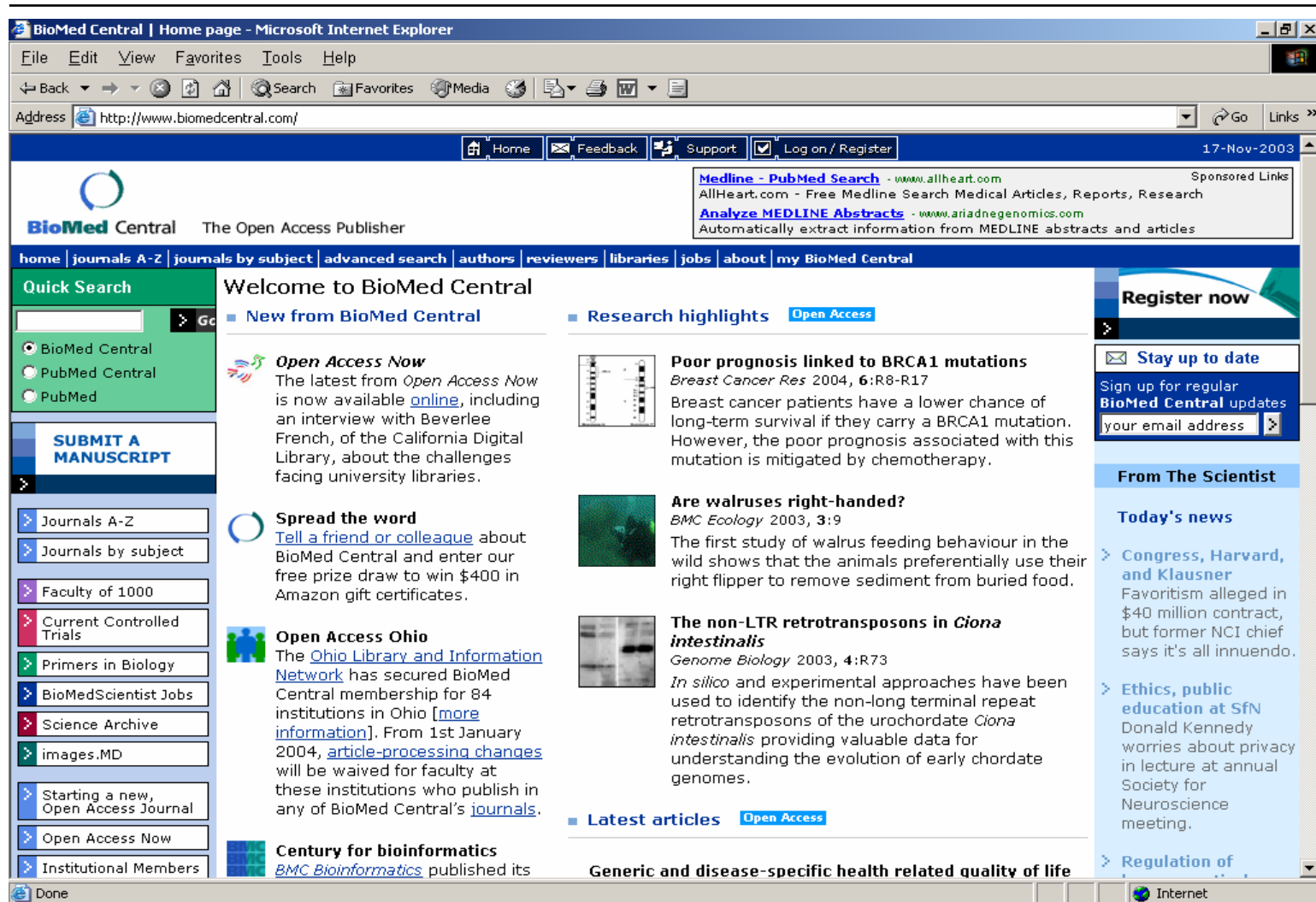
**Research Articles**

**The Genome Sequence of *Caenorhabditis briggsae*: A Platform for Comparative Genomics**  
Lincoln D. Stein, Zhirong Bao, Darin Blasiar, Thomas Blumenthal, Michael R. Brent, Nansheng Chen, Asif Chinwalla, Laura Clarke, Chris Clee, Avril Coghlan, Alan Coulson, Peter D'Eustachio, David H. A. Fitch, Lucinda A. Fulton, Robert E. Fulton, Sam Griffiths-Jones, Todd W. Harris, LaDeana W. Hillier, Ravi Kamath, Patricia E. Kuwabara, Elaine R. Mardis, Marco A. Marra, Tracie L. Miner, Patrick Minx, James C. Mullikin, Robert W. Plumb, Jane Rogers, Jacqueline E. Schein, Marc Sohrmann, John Spieth, Jason E. Stajich, Chaochun Wei, David Willey, Richard K. Wilson, Richard Durbin, Robert H. Waterston  
[Full-text](#) | [Figures](#) | [Tables](#) | [Print PDF \(3157K\)](#) | [Screen PDF \(821K\)](#)

**Learning to Control a Brain-Machine Interface for Reaching and Grasping by Primates**  
Jose M. Carmena, Mikhail A. Lebedev, Roy E. Crist, Joseph E. O'Doherty, David M. Santucci, Dragan F. Dimitrov, Parag G. Patil, Craig S. Henriquez, Miguel A. L. Nicolelis  
[Full-text](#) | [Figures](#) | [Print PDF \(6559K\)](#) | [Screen PDF \(2449K\)](#)

**About the Cover**  
A high quality sequence of the *Caenorhabditis briggsae* genome is now in hand. Comparisons with the *C. elegans* genome sequence provide valuable insights into the processes that have shaped the evolution of these organisms, which diverged 80-110 million years ago. The new sequence also gives *C. elegans* binologists a

# Open access journals: BMC



The screenshot shows the BioMed Central website as it appeared in late 2003. The browser window title is "BioMed Central | Home page - Microsoft Internet Explorer". The address bar shows "http://www.biomedcentral.com/". The website header includes the BioMed Central logo and the tagline "The Open Access Publisher". A navigation menu at the top contains links for "home", "journals A-Z", "journals by subject", "advanced search", "authors", "reviewers", "libraries", "jobs", "about", and "my BioMed Central".

The main content area is divided into several sections:

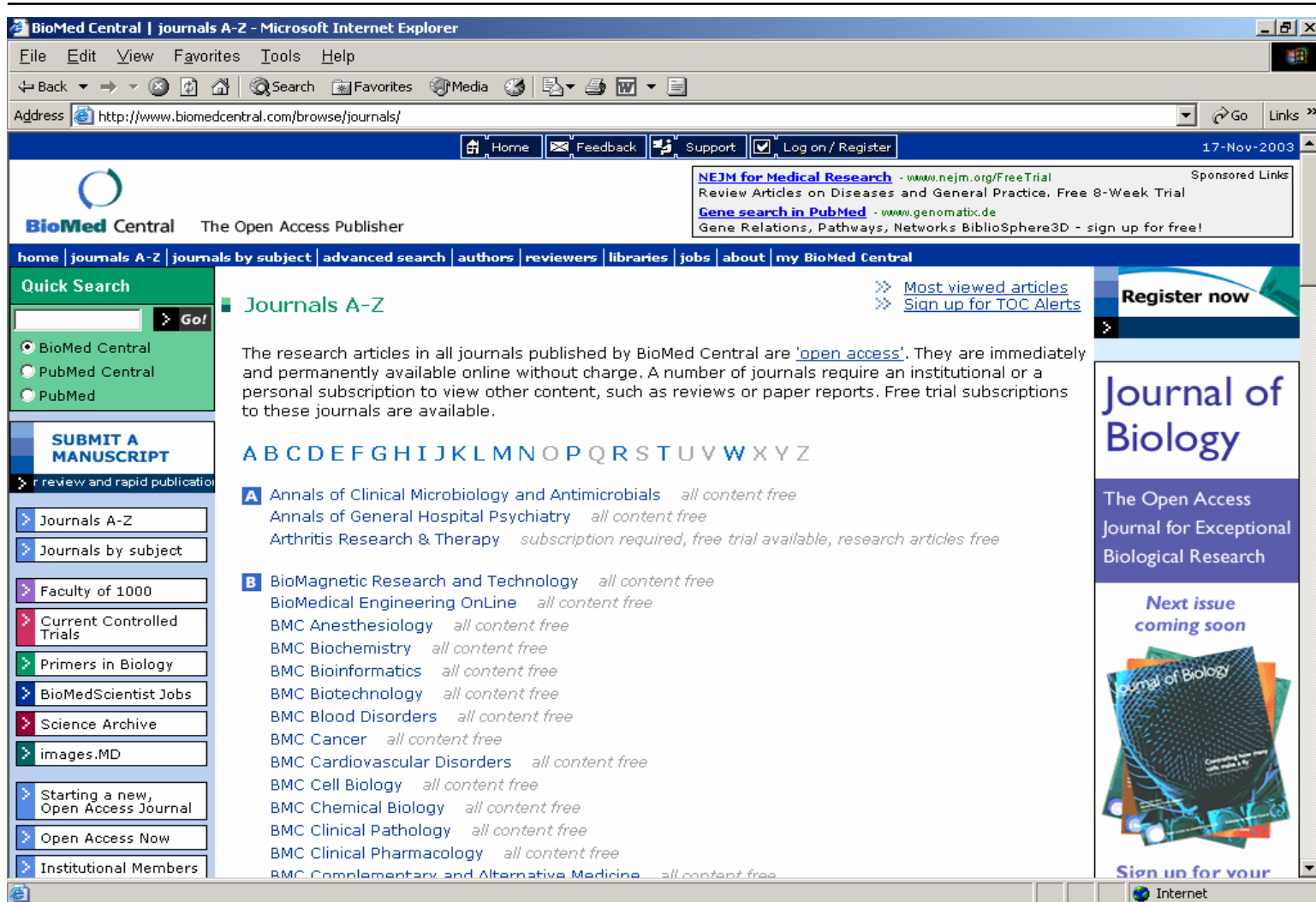
- Quick Search:** A search box with a "Go" button and radio buttons for "BioMed Central", "PubMed Central", and "PubMed".
- Submit a Manuscript:** A prominent blue button.
- Navigation Links:** A vertical list of links including "Journals A-Z", "Journals by subject", "Faculty of 1000", "Current Controlled Trials", "Primers in Biology", "BioMedScientist Jobs", "Science Archive", "images.MD", "Starting a new, Open Access Journal", "Open Access Now", and "Institutional Members".
- Welcome to BioMed Central:** A central heading with sub-sections:
  - New from BioMed Central:** Includes "Open Access Now" (latest from Open Access Now available online, including an interview with Beverlee French) and "Spread the word" (tell a friend or colleague about BioMed Central and enter a free prize draw to win \$400).
  - Open Access Ohio:** Announces that the Ohio Library and Information Network has secured BioMed Central membership for 84 institutions in Ohio, with article-processing charges waived for faculty at these institutions.
  - Century for bioinformatics:** Mentions that BMC Bioinformatics published its "Generic and disease-specific health related quality of life".
- Research highlights:** A section with an "Open Access" tag, featuring three articles:
  - Poor prognosis linked to BRCA1 mutations:** *Breast Cancer Res* 2004, 6:R8-R17. Discusses lower survival for breast cancer patients with BRCA1 mutations, mitigated by chemotherapy.
  - Are walrus right-handed?:** *BMC Ecology* 2003, 3:9. Discusses walrus feeding behavior and the use of their right flipper.
  - The non-LTR retrotransposons in *Ciona intestinalis*:** *Genome Biology* 2003, 4:R73. Discusses *in silico* and experimental approaches to identify non-long terminal repeat retrotransposons in *Ciona intestinalis*.
- Latest articles:** A section with an "Open Access" tag.

On the right side of the page, there are several promotional boxes:

- Register now:** A button to register.
- Stay up to date:** A sign-up box for regular BioMed Central updates, including an email address field.
- From The Scientist:** A section titled "Today's news" with links to articles such as "Congress, Harvard, and Klausner" (favoritism alleged in \$40 million contract) and "Ethics, public education at SfN" (Donald Kennedy worries about privacy).

The browser's status bar at the bottom shows "Done" and "Internet".

# Open access journals: BMC



**BioMed Central | journals A-Z - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

Address <http://www.biomedcentral.com/browse/journals/>

Home Feedback Support Log on / Register 17-Nov-2003

**BioMed Central** The Open Access Publisher

[NEJM for Medical Research](#) - [www.nejm.org/FreeTrial](http://www.nejm.org/FreeTrial) Sponsored Links  
Review Articles on Diseases and General Practice. Free 8-Week Trial  
[Gene search in PubMed](#) - [www.genomatix.de](http://www.genomatix.de)  
Gene Relations, Pathways, Networks BiblioSphere3D - sign up for free!

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Primers in Biology  
BioMedScientist Jobs  
Science Archive  
images.MD  
Starting a new, Open Access Journal  
Open Access Now  
Institutional Members

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**Journal of Biology**

The Open Access Journal for Exceptional Biological Research

Next issue coming soon

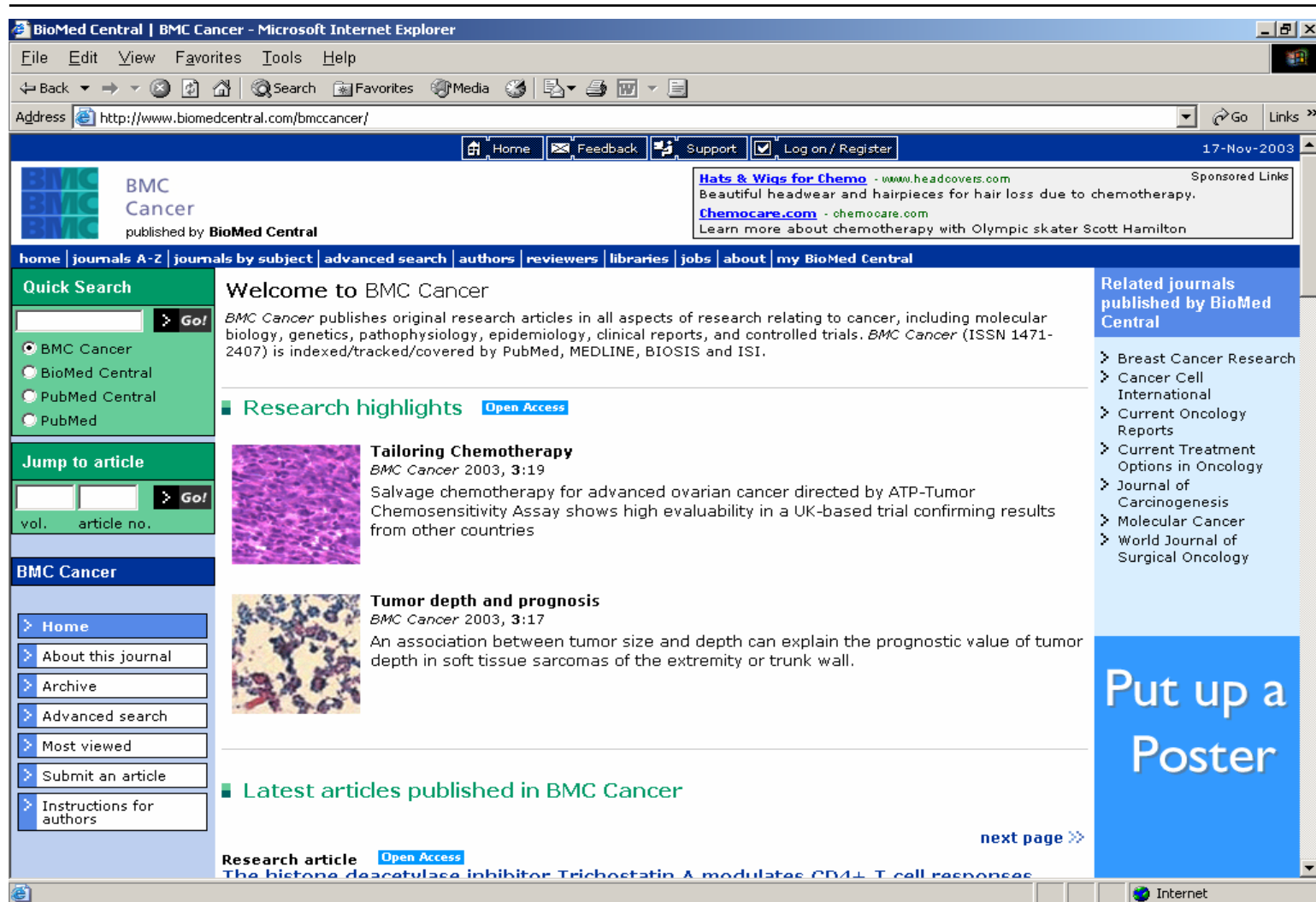
Sign up for your

Internet

**A** [Annals of Clinical Microbiology and Antimicrobials](#) *all content free*  
[Annals of General Hospital Psychiatry](#) *all content free*  
[Arthritis Research & Therapy](#) *subscription required, free trial available, research articles free*

**B** [BioMagnetic Research and Technology](#) *all content free*  
[BioMedical Engineering OnLine](#) *all content free*  
[BMC Anesthesiology](#) *all content free*  
[BMC Biochemistry](#) *all content free*  
[BMC Bioinformatics](#) *all content free*  
[BMC Biotechnology](#) *all content free*  
[BMC Blood Disorders](#) *all content free*  
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[BMC Cardiovascular Disorders](#) *all content free*  
[BMC Cell Biology](#) *all content free*  
[BMC Chemical Biology](#) *all content free*  
[BMC Clinical Pathology](#) *all content free*  
[BMC Clinical Pharmacology](#) *all content free*  
[BMC Complementary and Alternative Medicine](#) *all content free*

# Open access journals: BMC



The screenshot shows the BMC Cancer website in a Microsoft Internet Explorer browser window. The address bar displays <http://www.biomedcentral.com/bmccancer/>. The page features a navigation menu with links for Home, Feedback, Support, and Log on / Register. The main content area includes a "Quick Search" section with a search box and a "Go!" button, and a "Jump to article" section with fields for volume and article number. The "BMC Cancer" section lists navigation options: Home, About this journal, Archive, Advanced search, Most viewed, Submit an article, and Instructions for authors. The "Welcome to BMC Cancer" section provides a brief overview of the journal's scope and indexing. The "Research highlights" section features two articles: "Tailoring Chemotherapy" and "Tumor depth and prognosis". The "Latest articles published in BMC Cancer" section is partially visible at the bottom. A "Put up a Poster" banner is located on the right side of the page.

**BMC Cancer**  
published by **BioMed Central**

Home | Feedback | Support | Log on / Register | 17-Nov-2003

**Quick Search**

BMC Cancer  
 BioMed Central  
 PubMed Central  
 PubMed

**Jump to article**

vol. article no.

**BMC Cancer**

- Home
- About this journal
- Archive
- Advanced search
- Most viewed
- Submit an article
- Instructions for authors

**Welcome to BMC Cancer**

BMC Cancer publishes original research articles in all aspects of research relating to cancer, including molecular biology, genetics, pathophysiology, epidemiology, clinical reports, and controlled trials. BMC Cancer (ISSN 1471-2407) is indexed/tracked/covered by PubMed, MEDLINE, BIOSIS and ISI.

**Research highlights**

**Tailoring Chemotherapy**  
BMC Cancer 2003, 3:19  
Salvage chemotherapy for advanced ovarian cancer directed by ATP-Tumor Chemosensitivity Assay shows high evaluability in a UK-based trial confirming results from other countries

**Tumor depth and prognosis**  
BMC Cancer 2003, 3:17  
An association between tumor size and depth can explain the prognostic value of tumor depth in soft tissue sarcomas of the extremity or trunk wall.

**Latest articles published in BMC Cancer**

**Research article**   
The histone deacetylase inhibitor Trichostatin A modulates CD4+ T cell responses

[next page >>](#)

**Related journals published by BioMed Central**

- Breast Cancer Research International
- Current Oncology Reports
- Current Treatment Options in Oncology
- Journal of Carcinogenesis
- Molecular Cancer
- World Journal of Surgical Oncology

**Put up a Poster**

# Open access journals: BMC

BioMed Central | Full text | Outcome of ATP-based tumor chemosensitivity assay directed chemoth - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address http://www.biomedcentral.com/1471-2407/3/19

Home Feedback Support Log on / Register 17-Nov-2003

**BMC Cancer**  
published by BioMed Central

**Ovarian Cancer Study** - www.ovarex.com  
Sponsored Links  
OvaRex® study for newly diagnosed, advanced ovarian cancer patients.

**Chemotherapy News** - www.orachemo.org  
The latest news and indepth info about new and existing treatments.

home journals A-Z journals by subject advanced search authors reviewers libraries jobs about my BioMed Central

**BMC Cancer**  
Volume 3

**Viewing options:**

- Abstract
- Full text
- PDF (316KB)
- Pre-publication history

**Other links:**

- E-mail to a friend
- Download references
- Post a comment
- PubMed record
- Related articles in PubMed

**Search PubMed For:**

Sharma S  
Neale MH  
Nicolantonio DF  
Knight LA  
Whitehouse PA  
Mercer SJ  
Higgins BR  
Lamont A  
Osborne R  
Hindley AC  
Kurbacher CM  
Cree IA

**Key:**

- ✉ E-mail
- ✉ Corresponding author

Research article **Open Access**

## Outcome of ATP-based tumor chemosensitivity assay directed chemotherapy in heavily pre-treated recurrent ovarian carcinoma

Sanjay Sharma<sup>1, 5</sup> ✉, Michael H Neale<sup>1</sup> ✉, Di Federica Nicolantonio<sup>1</sup> ✉, Louise A Knight<sup>1</sup> ✉, Pauline A Whitehouse<sup>1</sup> ✉, Stuart J Mercer<sup>1</sup> ✉, Bernard R Higgins<sup>1</sup> ✉, Alan Lamont<sup>1</sup> ✉, Richard Osborne<sup>3</sup> ✉, Andrew C Hindley<sup>4</sup> ✉, Christian M Kurbacher<sup>2</sup> ✉ and Ian A Cree<sup>1</sup> ✉

<sup>1</sup>Translational Oncology Research Centre, Queen Alexandra Hospital, Portsmouth, UK  
<sup>2</sup>Laboratory for Chemosensitivity Testing, Department of Gynaecology, University of Cologne, Germany  
<sup>3</sup>Dorset Cancer Centre, Poole, Dorset, UK  
<sup>4</sup>Rosemere Cancer Centre, Royal Preston Hospital, Preston, UK  
<sup>5</sup>The King Edward VII Hospital, Midhurst, UK

*BMC Cancer* 2003, **3**:19

The electronic version of this article is the complete one and can be found online at: <http://www.biomedcentral.com/1471-2407/3/19>

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Outline Abstract

Done Internet

# Directory of Open Access Journals



The screenshot shows the homepage of the Directory of Open Access Journals (DOAJ) in a Microsoft Internet Explorer browser window. The browser's address bar shows the URL <http://www.doaj.org/>. The page features the DOAJ logo and a navigation menu with links to Home, Browse by title, About, Questions & answers, Cooperation, Contact, News, and Suggest a journal. A search bar is present with the text "Search DOAJ". Below the search bar is a "Browse by subject" section with a list of subject categories. At the bottom of the page, there is contact information for the Head Office.

**DOAJ** DIRECTORY OF OPEN ACCESS JOURNALS

- [::Home](#)
- [::Browse by title](#)
- [::About](#)
- [::Questions & answers](#)
- [::Cooperation](#)
- [::Contact](#)
- [::News](#)
- [::Suggest a journal](#)

Welcome to the Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. If you know of journal that should be included use this [submit form](#).

Search DOAJ

[Search Help](#)

**:: Browse by subject**

<a href="#">Agriculture and Food Sciences</a>	<a href="#">Arts and Architecture</a>
<a href="#">Biology and Life Sciences</a>	<a href="#">Business and Economics</a>
<a href="#">Chemistry</a>	<a href="#">Earth and Environmental Sciences</a>
<a href="#">Health Sciences</a>	<a href="#">History and Archaeology</a>
<a href="#">Languages and Literatures</a>	<a href="#">Law and Political Science</a>
<a href="#">Mathematics and statistics</a>	<a href="#">Philosophy and Religion</a>
<a href="#">Physics and Astronomy</a>	<a href="#">Social Sciences</a>
<a href="#">Technology and Engineering</a>	

DOAJ - Directory of Open Access Journals, 2003, [Lund University Libraries](#), Head Office  
email: [webmaster@doaj.org](mailto:webmaster@doaj.org), or see [Contact](#)



## Institutional repositories

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Publicly accessible repository (archive) where all the work published by researchers/authors affiliated with the university/academy can be posted online. Contributes to the status of the institution by displaying the intellectual output of the institution.

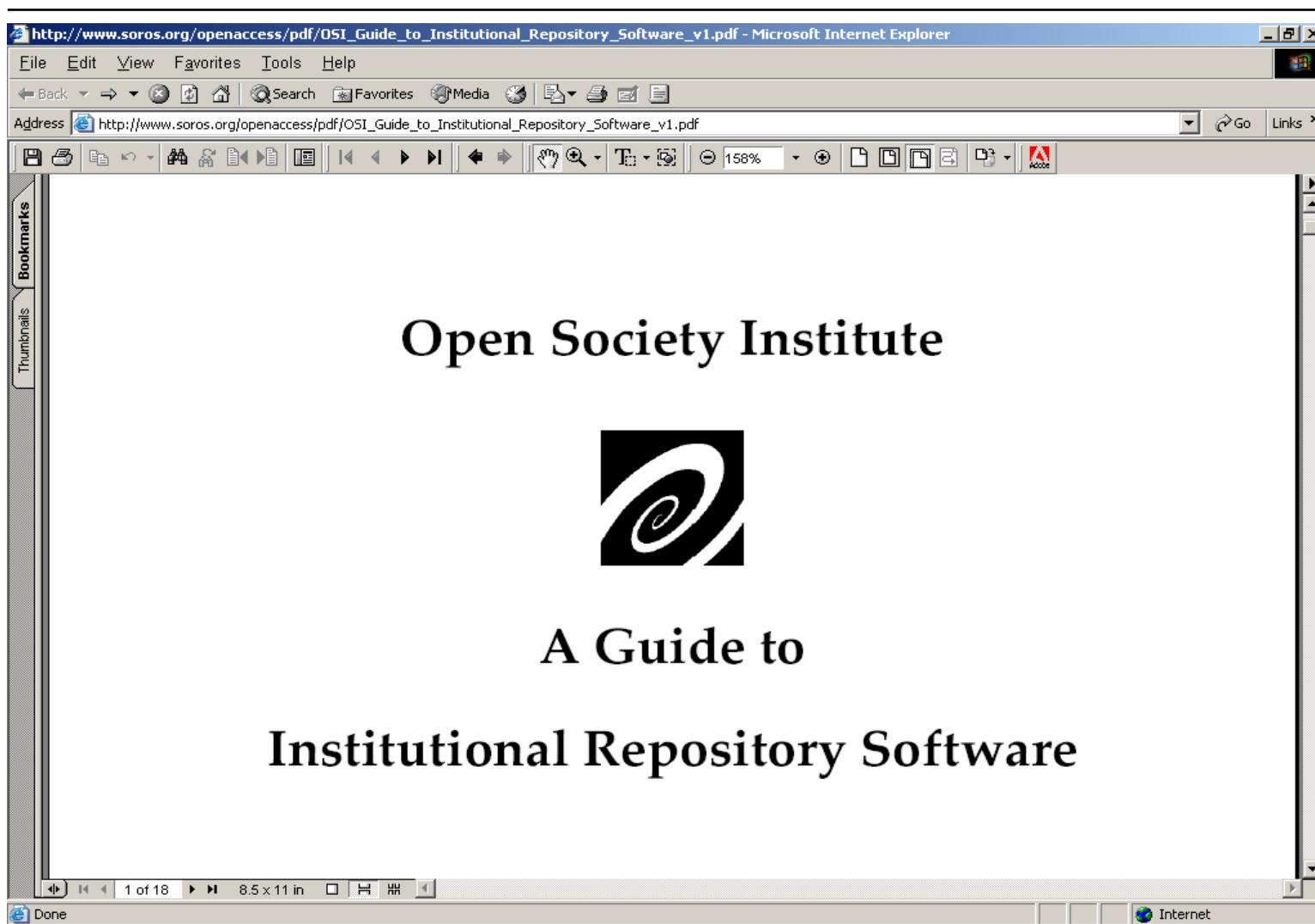


## Institutional repositories

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All work is deposited in the repository by using interoperable software, which allows the works in the repositories to be searched and harvested. Such software is called Open Archives Initiative (OAI) compliant. Examples of OAI compliant software are DSpace, E-Prints, CDSware, i-Tor, and MyCoRe.

# Institutional repository software




# Institutional repositories: Copyright policy

Project RoMEO - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address http://www.lboro.ac.uk/departments/ls/disresearch/romeo/ Go Links >>



**Project RoMEO**

“Classical textual copyright law is designed for on-paper text that is sold for revenue. The primary protections on which copyright focuses concern protection of the author and the publisher from theft-of-copies-of-the-text, and only secondarily with other concerns, such as plagiarism, corruption, or misuse of the text (other than stealing it or selling it illicitly). In the digital era, and especially for texts from which the author does not seek sales revenue, the other rights must be very explicitly formulated. Professor's Oppenheim's is accordingly a very important and timely project that has my fullest support.” *Professor Stevan Harnad*

The RoMEO Project (Rights METadata for Open archiving) is funded by the [Joint Information Systems Committee](#) for one year (1 August 2002 - 31 July 2003) to investigate the rights issues surrounding the 'self-archiving' of research in the UK academic community under the [Open Archive Initiative's Protocol for Metadata Harvesting](#).

It will perform a series of stakeholder surveys to ascertain how 'give-away' research literature (and metadata) is used, and how it should be protected. Building on existing schemas and vocabularies (such as Open Digital Rights Language) a series of rights elements will be developed. A solution for the protection of the IPR in metadata itself will also be created.

- ➔ [About RoMEO](#)
- ➔ [Surveys](#)
- ➔ [Project Team](#)
- ➔ [Deliverables](#)
- ➔ [Rights issues](#)
- ➔ [Copyright Policies](#)
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- ➔ [Licences](#)

Romeo and Juliet, 1884  
by Sir Frank Dicksee (1853-1928)  
Southampton City Art Gallery, Hampshire, UK/  
Bridgeman Art Library

Done Internet

# Institutional repositories

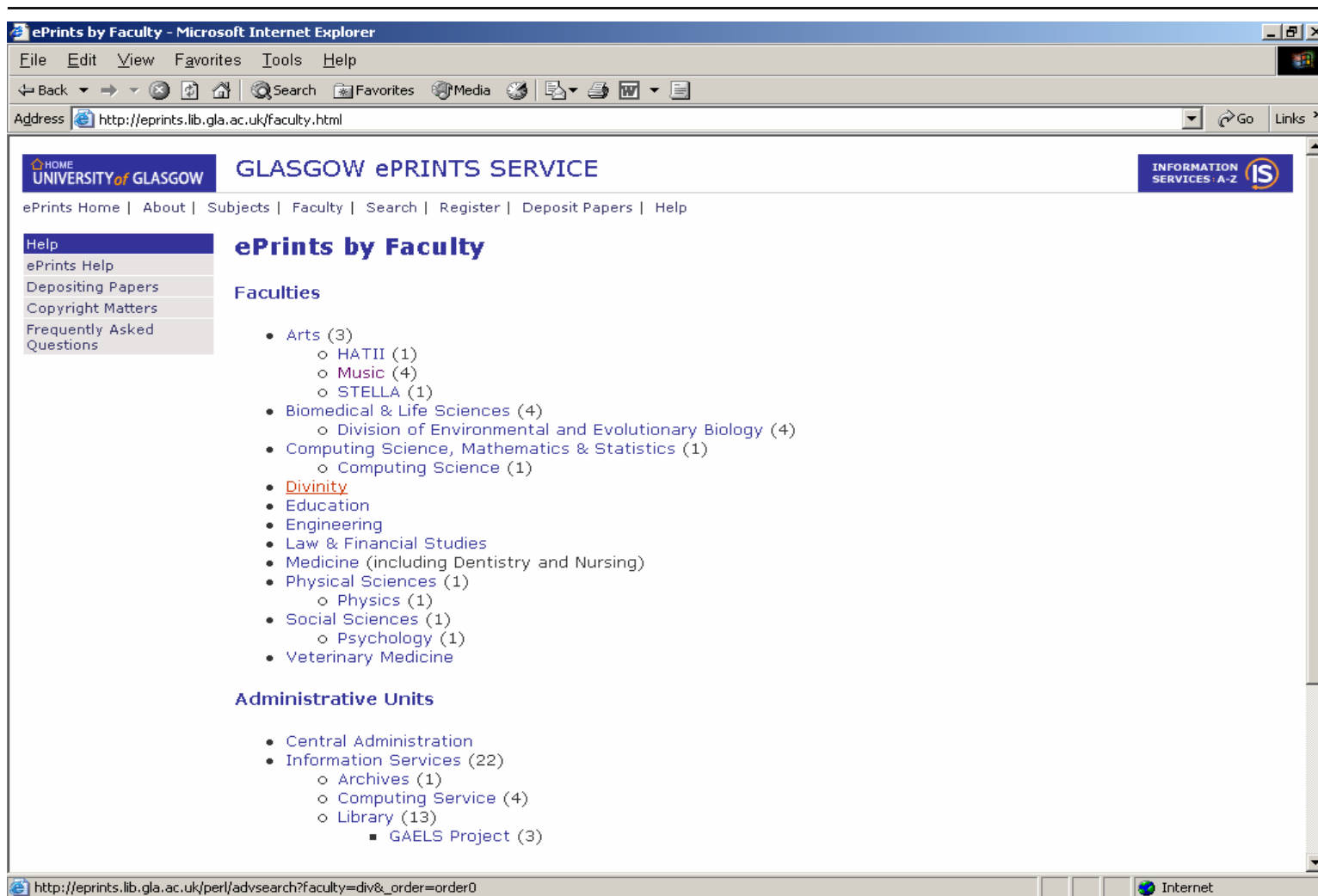
The screenshot shows the Glasgow ePrints Service website. The browser window title is "ePrints Service - University of Glasgow - Microsoft Internet Explorer". The address bar shows "http://eprints.lib.gla.ac.uk/". The website header includes the University of Glasgow logo and the text "GLASGOW ePRINTS SERVICE". A navigation menu contains links for "ePrints Home", "About", "Subjects", "Faculty", "Search", "Register", "Deposit Papers", and "Help".

The main content area is divided into several sections:

- Welcome:** A blue search bar with the text "SEARCH by TITLE, KEYWORD or ABSTRACT" and a search button. Below it is a text input field and a link for "more search options [author, year]...".
- Navigation:** A horizontal menu with links: "BROWSE BY SUBJECT" (Browse for papers by Library of Congress Subject Headings), "BROWSE BY FACULTY" (Browse for papers by Faculty or Administrative Unit), "ADVANCED SEARCH" (Preset Limits such as Subject and Document Type), and "VIEW ePRINT BY DEPOSIT ID" (View eprint by entering its ID code).
- Registration Services:** A section titled "Registration Services" with the text: "Before you can use the alerts service, or deposit papers to the archive, you will need to register with us." Below this is a link for "REGISTRATION INFORMATION" with the text: "Instructions on how to register, be reminded of your username and/or password and inform us if your e-mail address has changed".
- Left Sidebar:** Contains a "Welcome" section with links to "ePrints Help", "ePrints Help", "Depositing Papers", "Copyright Matters", and "Frequently Asked Questions". Below this is a banner for "Create Change - Challenging the Crisis in Scholarly Communication" and a "Subscriptions" section with the text: "Set-up E-mail alerts for new eprints in our archive [Registration Req'd]".
- Right Sidebar:** Contains a "Latest News" section with two news items: "Project RoMEO Academic authors: copyright and self-archiving survey Survey >>" and "Search for digital resources with OAISTER - over 274046 records from 55 institutions including Glasgow Start searching...". Below this is a "Quick Links" section with links to "MERLIN Library Catalogue eprints.org", "Open Archives Initiative", and "ARC search service".

The browser window also shows standard navigation buttons (Back, Forward, Home, Stop, Reload) and a taskbar at the bottom with the "Internet" icon.

# Institutional repositories



The screenshot shows a Microsoft Internet Explorer browser window displaying the Glasgow ePrints Service website. The browser's address bar shows the URL <http://eprints.lib.gla.ac.uk/faculty.html>. The website header includes the University of Glasgow logo and the text "GLASGOW ePRINTS SERVICE". A navigation menu contains links for "ePrints Home", "About", "Subjects", "Faculty", "Search", "Register", "Deposit Papers", and "Help". On the left side, there is a "Help" sidebar with links to "ePrints Help", "Depositing Papers", "Copyright Matters", and "Frequently Asked Questions". The main content area is titled "ePrints by Faculty" and lists various faculties and administrative units with their respective document counts.

**GLASGOW ePRINTS SERVICE**

ePrints Home | About | Subjects | Faculty | Search | Register | Deposit Papers | Help

**ePrints by Faculty**

**Faculties**

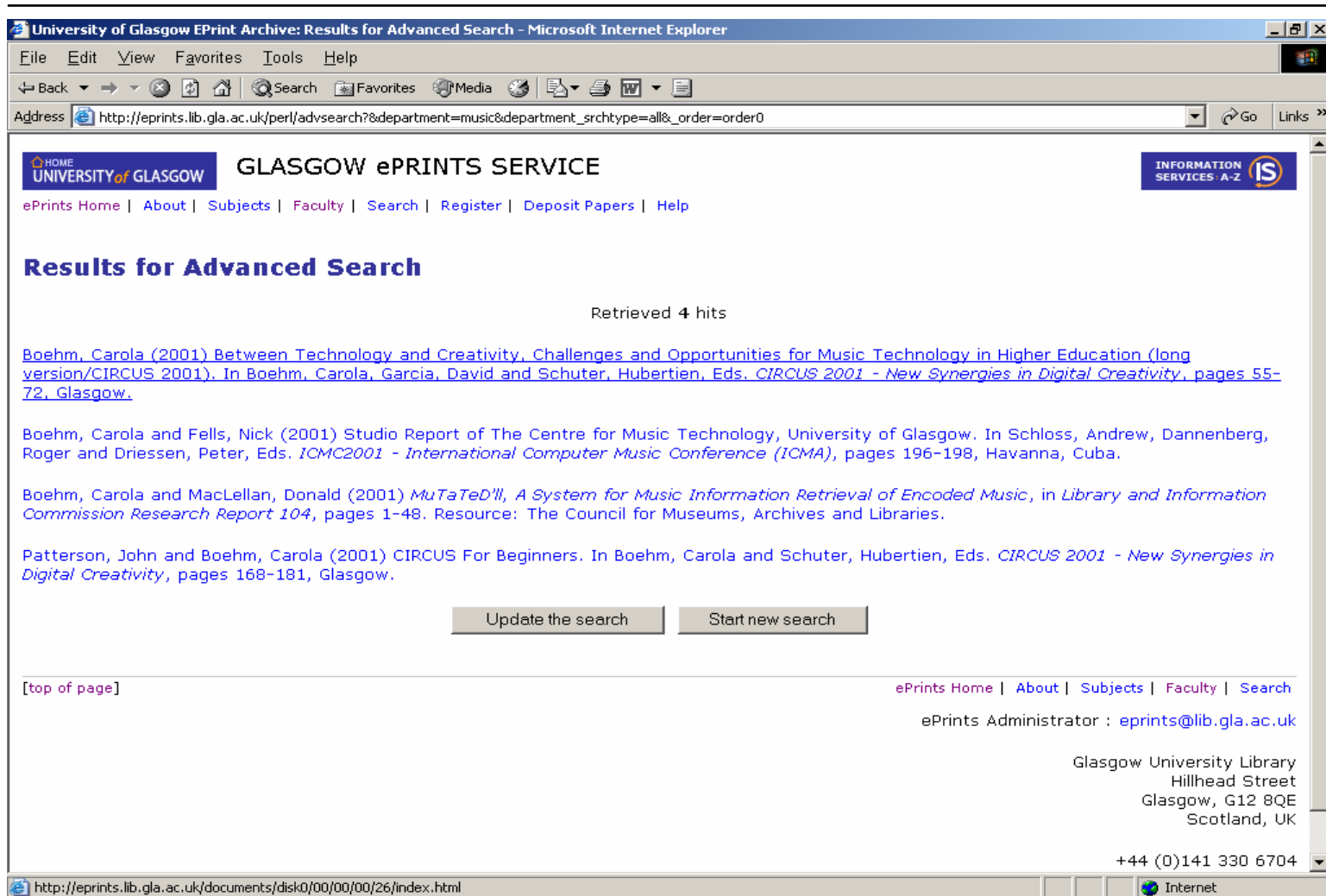
- Arts (3)
  - HATII (1)
  - Music (4)
  - STELLA (1)
- Biomedical & Life Sciences (4)
  - Division of Environmental and Evolutionary Biology (4)
- Computing Science, Mathematics & Statistics (1)
  - Computing Science (1)
- [Divinity](#)
- Education
- Engineering
- Law & Financial Studies
- Medicine (including Dentistry and Nursing)
- Physical Sciences (1)
  - Physics (1)
- Social Sciences (1)
  - Psychology (1)
- Veterinary Medicine

**Administrative Units**

- Central Administration
- Information Services (22)
  - Archives (1)
  - Computing Service (4)
  - Library (13)
    - GAELS Project (3)

Address: [http://eprints.lib.gla.ac.uk/perf/advsearch?faculty=div&\\_order=order0](http://eprints.lib.gla.ac.uk/perf/advsearch?faculty=div&_order=order0)

# Institutional repositories

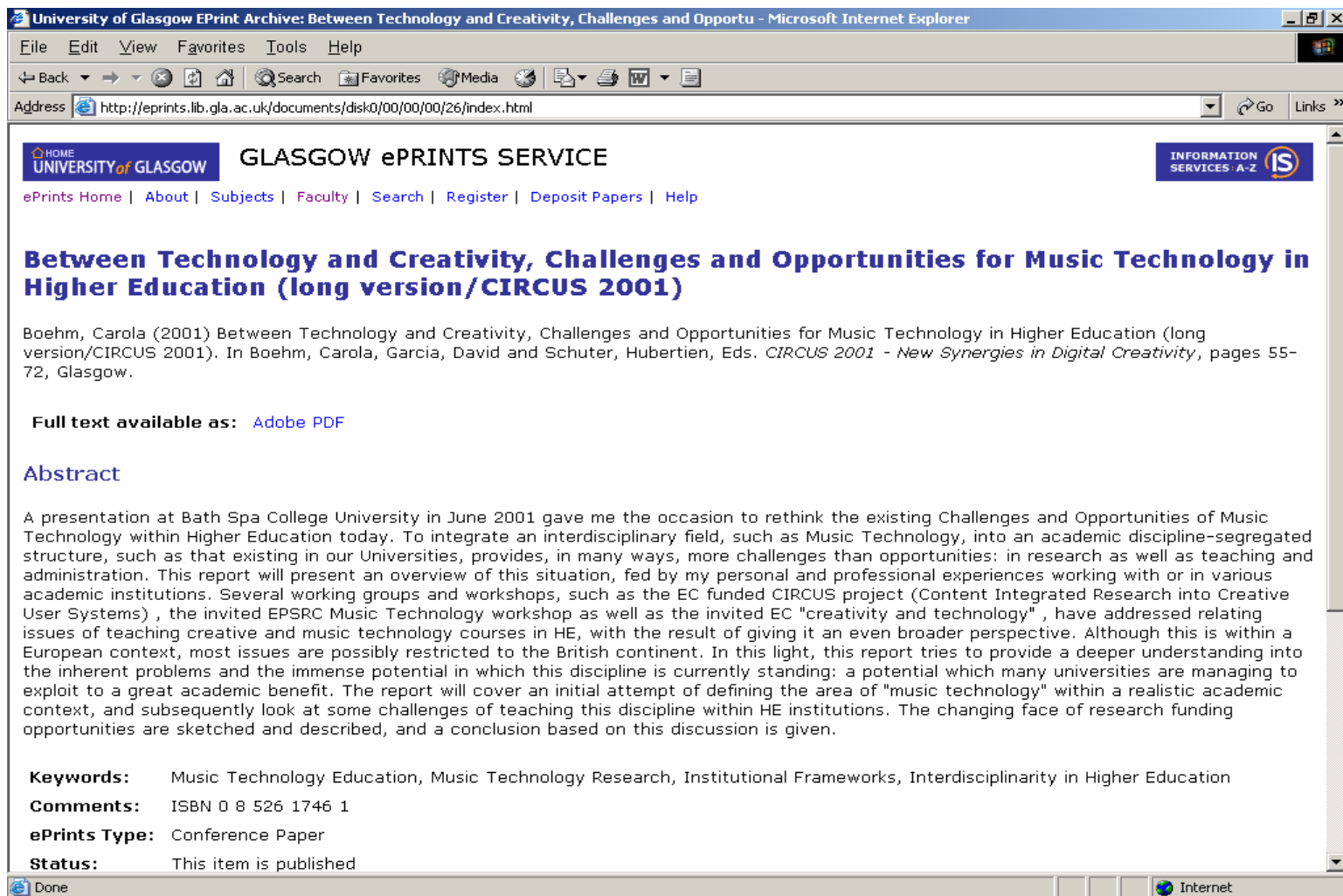


The screenshot shows a web browser window titled "University of Glasgow ePrint Archive: Results for Advanced Search - Microsoft Internet Explorer". The address bar contains the URL: [http://eprints.lib.gla.ac.uk/perl/advsearch?&department=music&department\\_srctype=all&\\_order=order0](http://eprints.lib.gla.ac.uk/perl/advsearch?&department=music&department_srctype=all&_order=order0). The page header includes the University of Glasgow logo and the text "GLASGOW ePRINTS SERVICE". A navigation menu contains links for "ePrints Home", "About", "Subjects", "Faculty", "Search", "Register", "Deposit Papers", and "Help". The main content area is titled "Results for Advanced Search" and indicates "Retrieved 4 hits". The search results are listed as follows:

- [Boehm, Carola \(2001\) Between Technology and Creativity, Challenges and Opportunities for Music Technology in Higher Education \(long version/CIRCUS 2001\). In Boehm, Carola, Garcia, David and Schuter, Hubertien, Eds. CIRCUS 2001 - New Synergies in Digital Creativity, pages 55-72, Glasgow.](#)
- Boehm, Carola and Fells, Nick (2001) Studio Report of The Centre for Music Technology, University of Glasgow. In Schloss, Andrew, Dannenberg, Roger and Driessen, Peter, Eds. *ICMC2001 - International Computer Music Conference (ICMA)*, pages 196-198, Havana, Cuba.
- Boehm, Carola and MacLellan, Donald (2001) *MuTaTeD'II, A System for Music Information Retrieval of Encoded Music*, in *Library and Information Commission Research Report 104*, pages 1-48. Resource: The Council for Museums, Archives and Libraries.
- Patterson, John and Boehm, Carola (2001) CIRCUS For Beginners. In Boehm, Carola and Schuter, Hubertien, Eds. *CIRCUS 2001 - New Synergies in Digital Creativity*, pages 168-181, Glasgow.

At the bottom of the search results, there are two buttons: "Update the search" and "Start new search". The footer of the page includes a "[top of page]" link, a navigation menu with "ePrints Home", "About", "Subjects", "Faculty", and "Search", the contact information "ePrints Administrator : [eprints@lib.gla.ac.uk](mailto:eprints@lib.gla.ac.uk)", the address "Glasgow University Library, Hillhead Street, Glasgow, G12 8QE, Scotland, UK", and the phone number "+44 (0)141 330 6704". The browser's status bar at the bottom shows the URL <http://eprints.lib.gla.ac.uk/documents/disk0/00/00/00/26/index.html>.

# Institutional repositories



The screenshot shows a Microsoft Internet Explorer browser window. The title bar reads "University of Glasgow EPrint Archive: Between Technology and Creativity, Challenges and Opportu - Microsoft Internet Explorer". The address bar shows the URL "http://eprints.lib.gla.ac.uk/documents/disk0/00/00/00/26/index.html". The main content area displays the Glasgow ePrints Service page for a conference paper. The page header includes the University of Glasgow logo and the text "GLASGOW ePRINTS SERVICE". Below the header is a navigation menu with links: "ePrints Home | About | Subjects | Faculty | Search | Register | Deposit Papers | Help". The main title of the paper is "Between Technology and Creativity, Challenges and Opportunities for Music Technology in Higher Education (long version/CIRCUS 2001)". The abstract text describes a presentation at Bath Spa College University in June 2001, discussing the challenges and opportunities of music technology in higher education. The page also includes a "Full text available as: Adobe PDF" link, a "Keywords" section, and a "Status" section.

University of Glasgow EPrint Archive: Between Technology and Creativity, Challenges and Opportu - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address http://eprints.lib.gla.ac.uk/documents/disk0/00/00/00/26/index.html Go Links

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## Between Technology and Creativity, Challenges and Opportunities for Music Technology in Higher Education (long version/CIRCUS 2001)

Boehm, Carola (2001) Between Technology and Creativity, Challenges and Opportunities for Music Technology in Higher Education (long version/CIRCUS 2001). In Boehm, Carola, Garcia, David and Schuter, Hubertien, Eds. *CIRCUS 2001 - New Synergies in Digital Creativity*, pages 55-72, Glasgow.

Full text available as: [Adobe PDF](#)

### Abstract

A presentation at Bath Spa College University in June 2001 gave me the occasion to rethink the existing Challenges and Opportunities of Music Technology within Higher Education today. To integrate an interdisciplinary field, such as Music Technology, into an academic discipline-segregated structure, such as that existing in our Universities, provides, in many ways, more challenges than opportunities: in research as well as teaching and administration. This report will present an overview of this situation, fed by my personal and professional experiences working with or in various academic institutions. Several working groups and workshops, such as the EC funded CIRCUS project (Content Integrated Research into Creative User Systems), the invited EPSRC Music Technology workshop as well as the invited EC "creativity and technology", have addressed relating issues of teaching creative and music technology courses in HE, with the result of giving it an even broader perspective. Although this is within a European context, most issues are possibly restricted to the British continent. In this light, this report tries to provide a deeper understanding into the inherent problems and the immense potential in which this discipline is currently standing: a potential which many universities are managing to exploit to a great academic benefit. The report will cover an initial attempt of defining the area of "music technology" within a realistic academic context, and subsequently look at some challenges of teaching this discipline within HE institutions. The changing face of research funding opportunities are sketched and described, and a conclusion based on this discussion is given.

**Keywords:** Music Technology Education, Music Technology Research, Institutional Frameworks, Interdisciplinarity in Higher Education

**Comments:** ISBN 0 8 526 1746 1

**ePrints Type:** Conference Paper

**Status:** This item is published

Done Internet



# Economic Research

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- Access to Science: Exploring New Markets for Digital Journals
  - Prof. Mark McCabe, School of Economics, Georgia Institute of Technology
  - Prof. Christopher Snyder, Dept. of Economics, George Washington University

# Funding of open access

**Budapest Open Access Initiative** Deutsch Français На русском

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## Budapest Open Access Initiative

The Budapest Open Access Initiative arises from a small but lively meeting convened in Budapest by the Open Society Institute (OSI) on December 1-2, 2001. The purpose of the meeting was to accelerate progress in the international effort to make research articles in all academic fields freely available on the internet. The participants represented many points of view, many academic disciplines, and many nations, and had experience with many of the ongoing initiatives that make up the open access movement. In Budapest they explored how the separate initiatives could work together to achieve broader, deeper, and faster success. They explored the most effective and affordable strategies for serving the interests of research, researchers, and the institutions and societies that support research. Finally, they explored how OSI and other foundations could use their resources most productively to aid the transition to open access and to make open-access publishing economically self-sustaining. The result is the Budapest Open Access Initiative. It is at once a statement of principle, a statement of strategy, and a statement of commitment.

The [initiative](#) has been signed by the Budapest participants and a growing number of individuals and organizations from around the world who represent researchers, universities, laboratories, libraries, foundations, journals, publishers, learned societies, and kindred open-access initiatives. We invite the signatures, support, and participation of the entire world scientific and scholarly community.

E-mail: [openaccess@soros.org](mailto:openaccess@soros.org).

**October 16, 2003**  
A Guide to Institutional Repository Software  
[Learn More](#)

**July 16, 2003**  
Updated Business Planning Guides for Open Access Journals  
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**May 12, 2003**  
Launch of Directory of Open Access Journals  
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3297 signatures have been added to the initiative.

## Grants

### Grants for Institutional Memberships to BioMed Central

A pilot fund to support publication of research from institutions in developing and transition countries.

The Information Program of the Open Society Institute (OSI) is pleased to announce a pilot project inspired by the principles of the Budapest Open Access Initiative (<http://www.soros.org/openaccess/>). To support open access to international research and scholarship, OSI will provide funding to support 50 BioMed Central Institutional memberships for institutions in countries where the Soros foundations network is active (please see the attached list of 67 countries). BioMed Central (<http://www.biomedcentral.com/>) currently publishes 75 open access journals. The Institutional memberships will provide the following benefits to the recipient institutions:

1. The right for any of the institution's research staff or students to automatically qualify for an article-processing charge waiver when their manuscript submitted to any of the BioMed Central journals is accepted for publication.
2. The right to list all the relevant publications generated at the institution on a special page on the BioMed Central web site, customized with the institution's name (including publications in journals not published by BioMed Central, if those are available in Open Archive Initiative (OAI) compliant format on a server at the institution).
3. The right to a 15% discount on any of the subscription products BioMed Central publishes (such as review journals and databases).
4. The Institutional membership grants will be for twelve months.

### Guidelines for funding:

1. Institutions must be engaged in biomedical (biology and/or medicine) research.
2. A geographical balance will be sought in funding.

Institutions interested in applying for a grant for Institutional membership should



# Funding of open access

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- Howard Hughes Medical Institute: Bethesda statement
  - Funders of biomedical research encourage/support their faculty/grant recipients to publish in open access journals
  - Agree to pay article processing fee
  - Participants signed as individuals, follow-up meeting for agencies to endorse principles.



# Funding of open access

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- Bethesda statement:
  - Definition of Open Access Publication
  - Guidelines for Institutions and Funding Agencies
  - Guidelines for Libraries and Publishers
  - Guidelines for Scientists and Scientific Societies



# Funding of open access

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- Wellcome Trust (UK)  
October 2003 Announcement:
  - will encourage and support the formation of open access journals and/or free-access repositories for research papers;
  - will cover the cost of publication charges by permitting Trust researchers to use contingency funds for this purpose.



# Funding of open access

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- Max Planck Society: Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

22 October 2003, Berlin



# Funding of open access

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- Berlin Declaration:
  - Encourages and supports researchers and grant recipients to publish in open access.
  - Advocates for research published through open access to be recognized in promotion and tenure evaluation.



# Additional information

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- Budapest Open Access Initiative: <http://www.soros.org/openaccess/>
- Directory of Open Access Journals: <http://www.doaj.org/>
- SPARC: <http://www.arl.org/sparc>
- Public Library of Science: <http://www.publiclibraryofscience.org>
- BioMed Central: <http://www.biomedcentral.com>
- Open Archives Initiative: <http://www.openarchives.org/>
- SciX Project: <http://www.scix.net/>
- Open Archives Forum: <http://www.oaforum.org/>
- Project Romeo: <http://www.lboro.ac.uk/departments/ls/disresearch/romeo/>
- Max Planck Society: <http://www.zim.mpg.de/openaccess-berlin/news0321.pdf>
- Wellcome Trust: <http://www.wellcome.ac.uk/en/1/awtvispolpub.html>



Thank you.

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