

# Open Access to Scholarly Communications

Open Access Project Information Program Open Society Institute

# Overview of presentation

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

# **Open Society Institute**

- 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

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

#### Definition of open access

In using the term 'open access', we mean the free availability of peerreviewed 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

- 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



from Les Carr presentation @ ALPSP/OSI meeting



from Les Carr presentation @ ALPSP/OSI meeting

#### Background to the Open Access Project

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

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

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.

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

 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:

 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.

#### o 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.

- 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.

 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

o Oxford University Press

Company of Biologists

o TheScientificWorld

#### New open access journals

o 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

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| The What and Whys of DOIs  | The Genome Sequence of <i>Caenorhabditis briggsae</i> : A   |   |
| Susanne DeRisi, Rebecca Kennison, Nick Twyman  | Platform for Comparative Genomics   |   |
| Full-text   Figures   Print PDF (627K)   Screen PDF (97K)                            | Lincoln D. Stein, Zhirong Bao, Darin Blasiar, Thomas Blumentha<br>Michael R. Brent, Nansheng Chen, Asif Chinwalla, Laura Clarke |   |
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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 | Brint DDF (955916 | Decem DDF (9449)



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 vears ado. The new sequence also gives C. elegans biologists a 🥝 Internet

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| 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 | in heavily pre-treated recurrent ovarian carcinoma<br>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><br>, 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<br>M Kurbacher <sup>2</sup> , and Ian A Cree <sup>1</sup><br><sup>1</sup> Translational Oncology Research Centre, Queen Alexandra Hospital, Portsmouth, UK<br><sup>2</sup> Laboratory for Chemosensitivity Testing, Department of Gynaecology, University of Cologne, Germany<br><sup>3</sup> Dorset Cancer Centre, Royal Preston Hospital, Preston, UK<br><sup>4</sup> Rosemere Cancer Centre, Royal Preston Hospital, Preston, UK<br><sup>5</sup> The King Edward VII Hospital, Midhurst, UK |
| Search PubMed For:<br>Sharma S<br>Neale MH<br>Nicolantonio DF  | BMC Cancer 2003, <b>3:1</b> 9 The electronic version of this article is the complete one and can be found online at: <u>http://www.biomedcentral.com/1471-2407/3/19</u>   |
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| Higgins BR<br>Lamont A<br>Osborne R<br>Hindley AC<br>Kurbacher CM  | Published 3 July 2003<br>© 2003 Sharma et al; licensee BioMed Central Ltd. This is an Open Access article: verbatim copying and redistribution of this article are permitted in all media for any purpose, provided this notice is preserved along with the article's original URL.   |
| Cree IA<br>Key:<br>⊠ E-mail<br>⊠ Corresponding author<br>Outline   | Abstract  |

### **Directory of Open Access Journals**



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.

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

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

 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

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| <u>Read the</u>       | The Budapest Open Access Initiative arises from a  |   |               |
| <u>initiative</u>     | small but lively meeting convened in Budapest by   | October 16, 2003                            |               |
| Sign on to the        | the Open Society Institute (OSI) on December 1-2, 2001. The purpose of the meeting was to                        | A Guide to                                  |               |
| initiative            | accelerate progress in the international effort to   | Institutional<br>Repository Software        |               |
| View signatures       | make research articles in all academic fields freely   | Learn More                                  |               |
|                       | available on the internet. The participants<br>represented many points of view, many academic                    |   |               |
| BOAI Forum            | disciplines, and many nations, and had experience  | July 16, 2003                               |               |
| <u>FAQ</u>            | with many of the ongoing initiatives that make up  | Updated Business                            |               |
| Meeting of the        | the open access movement. In Budapest they<br>explored how the separate initiatives could work                   | Planning Guides for<br>Open Access Journals |               |
| Academies of          | together to achieve broader, deeper, and faster  | Learn More                                  |               |
| <u>Sciences</u>       | success. They explored the most effective and  |   |               |
| <u>Guides to</u>      | affordable strategies for serving the interests of<br>research, researchers, and the institutions and            | May 12, 2003                                |               |
| Business              | societies that support research. Finally, they   | Launch of Directory of                      |               |
| <u>Planning</u>       | explored how OSI and other foundations could use   | Open Access Journals                        |               |
| What you can do       | their resources most productively to aid the<br>transition to open access and to make open-                      | <u>Learn More</u>                           |               |
| <u>to help</u>        | access publishing economically self-sustaining. The  |   |               |
| <u>Grants</u>         | result is the Budapest Open Access Initiative. It is   |   |               |
| OSI support for       | at once a statement of principle, a statement of stra<br>commitment.   | leyy, and a statement of                    |               |
| BOAI                  |  |   |               |
| Contact us            | The <u>initiative</u> has been signed by the Budapest parti  |   |               |
| 0011000000            | number of individuals and organizations from around  |   |               |
| 3297 signatures       | researchers, universities, laboratories, libraries, four<br>publishers, learned societies, and kindred open-acce |   |               |
| have been added       | signatures, support, and participation of the entire v   |   |               |
| to the initiative.    | community.   |   |               |
|                       |  |   |               |
|                       | E-mail: <u>openaccess@soros.org</u> .  |   |               |
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| <u>Read the</u><br>initiative            | Grants for Institutional Memberships to BioMed Central   |          |
| Sign on to the                           | A pilot fund to support publication of research from institutions in developing and  |          |
| initiative                               | transition countries.  |          |
| <u>View signatures</u>                   | The Information Program of the Open Society Institute (OSI) is pleased to  |          |
| BOAI Forum                               | announce a pilot project inspired by the principles of the Budapest Open Access<br>Initiative ( <u>http://www.soros.org/openaccess/</u> ). To support open access to         |          |
| FAQ                                      | international research and scholarship, OSI will provide funding to support 50<br>BioMed Central Institutional memberships for institutions in countries where the           |          |
| Meeting of the                           | Soros foundations network is active (please see the attached list of 67  |          |
| Academies of<br>Sciences                 | countries). BioMed Central ( <u>http://www.biomedcentral.com/</u> ) currently publishes<br>75 open access journals. The Institutional memberships will provide the following |          |
| Guides to                                | benefits to the recipient institutions:  |          |
| <u>Business</u><br>Planning              | 1. The right for any of the institution's research staff or students to  |          |
| What you can do                          | automatically qualify for an article-processing charge waiver when their<br>manuscript submitted to any of the BioMed Central journals is accepted for                       |          |
| to help                                  | publication.<br>2. The right to list all the relevant publications generated at the institution on   |          |
| <u>Grants</u>                            | a special page on the BioMed Central web site, customized with the   |          |
| OSI support for                          | institution's name (including publications in journals not published by<br>BioMed Central, if those are available in Open Archive Initiative (OAI)                           |          |
| BOAI                                     | compliant format on a server at the institution).<br>3. The right to a 15% discount on any of the subscription products BioMed   |          |
| <u>Contact us</u>                        | Central publishes (such as review journals and databases).<br>4. The Institutional membership grants will be for twelve months.  |          |
| 3297 signatures                          | The Ansatadonal membership grants will be for twelve months.   |          |
| have been added<br>to the initiative.    | Guidelines for funding:  |          |
|  | 1. Institutions must be engaged in biomedical (biology and/or medicine)  |          |
|  | research.<br>2. A geographical balance will be sought in funding.  |          |
|  |  |          |
|  | Institutions interested in applying for a grant for Institutional membership should  |          |

- 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.

#### • Bethesda statement:

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

# 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.

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

22 October 2003, Berlin

#### o 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

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



#### Thank you.

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