<table>
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<th>Title</th>
<th>Case studies of the integration of institutional repositories and open access journals</th>
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<tr>
<td>Author(s)</td>
<td>Chan, L</td>
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<tr>
<td>Citation</td>
<td>Promoting 21st Century Scholarly Communication, The University of Hong Kong, May 17, 2007</td>
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<td>Issued Date</td>
<td>2007</td>
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<td><a href="http://hdl.handle.net/10722/44098">http://hdl.handle.net/10722/44098</a></td>
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<tr>
<td>Rights</td>
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Case Studies of the Integration of Institutional Repositories and Open Access journals

Leslie Chan
University of Toronto Scarborough
Chan@utsc.utoronto.ca
Overview

- Changing landscape of scholarly communication
- Open Access and Public Policy
- International and Canadian context
- IR and what it is
- The multiple uses of IR
- Benefits
Changing landscape of scholarly communication

- Print to electronic, retro-digitization etc.
- Access online resources from the desktop
- Open Access
- Google is king?

But Price and Permission Barriers are still significant
What authors need

• Support for new modes of authorship and dissemination
• Data base storage
• Media integration
• Long term archiving
• Linking research and teaching
• Support for alternative forms of evaluation and reward
Problems

- Researchers/Authors: their work are not as widely disseminated -> lost of research impact
- Researchers/Readers: unable to build on prior research because of the fragmented nature of the literature
- Libraries - unable to provide users with their needs
- Universities - poor stewardship of their faculty’s intellectual output
- Funders - not sure what they have funded and the return on investment
These problems are particularly acute in developing countries
Opportunities created through Open Access

- Integrate knowledge from diverse geographic locations and sources
- Infrastructure for an expanded view of scholarly communication
- New services and business models
- Implementation of Semantic Web technologies

Emergence of E-Science (UK), E-Research (Australia), Cyberinfrastructure (US)

- Large scale data, computing intensive analysis, networked communication

Not just for the sciences, but also for the humanities and social sciences
Great opportunity for developing countries to participate in global knowledge exchange
International Support

• BOAI, February 2002
• Bethesda Statement, April 2003
• Wellcome Trust, October 2003, May 2005
• UK Parliamentary Inquiry, 2004
• Ukrainian Cabinet of Ministers, 2005
• Research Councils UK, 2006
• Academy of Sciences of South Africa, 2006
• US Public Access to Federally Funded Research Act of 2006 (to be re-introduced in 2007)
• European Commission Communiqué, 2007
A Vision Of The Future

What Would A 21st Century Research Communication System Look Like?

**Goal:** Maximizing the impact of research knowledge for society

**Realized By:** Providing pathways (through individual & institutional connections) for the rapid circulation, effective management & preservation of data, information & knowledge

**Guiding Principles:**
- All nations should have the capacity to access & contribute to the vitality of the system
- Open access to data, information & knowledge

Arthur J. Carty
National Science Advisor to the Prime Minister
International Association of Technological University Libraries, Quebec 31 May 2005
Canada’s responses

- Canadian Institute of Health Research (CIHR)
- Social Science and Humanities Research Council of Canada (SSHRC)
- Canadian Federation for the Humanities and Social Sciences (CFHSS)
- Canadian Association of Research Libraries (CARL)
- National Research Council (NRC)
- Natural Sciences and Engineering Research Council of Canada (NSHRC)
How to achieve OA

- Open Access Journals
  - Different funding models
- Open Access Repositories
  - Author self-archiving in:
    - Institutional
    - Subject-base
    - Centralized repositories
Institutional Repositories are

- Institution-based
- Capture and make accessible an organization’s intellectual output
- A set of scholarly communication services
- Cumulative & perpetual
- Should be technically open & interoperable (e.g. OAI)
Different use of IR

Examples

- Supporting Local Journal
  - Women’s Health and Urban Life
- Supporting International Journal
  - Archiving of Bioline International
  - Archive defunct journal
- Enabling Digital Scholarship
  - New forms of publications
- Community building- beyond institutions
- Data warehousing
- Teaching resources, Multimedia objects
Researchers post-publication needs

- A place to archive their work
- Data storage and linking
- Permanent identifier for digital content
- Metadata creation
- Aggregation of content - discipline?
- Navigation and discovery tools
- Usage, citation and impact analysis tools
Priority indexing and ranking in search engines


Increasing number of journals are allowing authors to post their publications.

http://romeo.eprints.org
Faculty Benefits

- Increased visibility of research
- Increased citation rates
- Increased readership
- Permanent links
- Copyright is *not* transferred
- Long-term preservation
- Persistent access
- Minimal effort
Office of International Surgery

Community home page

The Office of International Surgery (OIS) at the University of Toronto was established by the Department of Surgery to foster surgical education and research for development. It is situated within the largest academic Department of Surgery in North America and through its collaboration with the Centre for International Health in the Faculty of Medicine can draw on expertise in health related fields from across the University.

Collections in this community

- Africa
- Bethune Roundtable on International Surgery
- Burns
- Cambodia
- International Surgery
- Ptolemy
The Canadian Review of Physical Anthropology / Revue Canadienne d'Anthropologie Physique was published by the Canadian Association for Physical Anthropology between 1979 and 1988. The issues of this journal are reproduced as PDF files here – but the sequence of volume numbers and journal titles does require some explanation.

Volumes 1, 2 and 3 were published in 1979, 1980 and 1981 respectively. There was a hiatus in publication for a few years until 1985 and 1986 when the Review was published with the Canadian Journal of Anthropology. Volume 4 #1-2 of the Review was published with Volume 4 #2 of CJA and Volume 5 #2 was published with Volume 5 #2 of CJA. The editorial in Volume 6 #1 of the Review noted that the labeling of Volume 5 as #2 was an error, and it should have read #1-2. CAPA published the Review on its own again in 1987 and 1988 for Volume 6 #1 and #2 respectively. Volume 6 #2 was the last issue of the Review.

Volume 3 #2 of the Canadian Journal of Anthropology (1983) - the “Proceedings of a Symposium on Human Evolution” - can also be found here as a PDF file. This issue of CJA was not an official collaboration between CJA and CAPA, but Dr. Sperber, the issue editor, is an active CAPA member and the content is certainly relevant to CAPA members. It is reproduced here with the permission of Dr. Sperber and the Department of Anthropology at the University of Alberta.

CRPA Volume List

1988 • Volume 6 #2
1987 • Volume 6 #1
1986 • Volume 5 #2
(published with CJA 5 #2)
1985 • Volume 4 #1-2
(published with CJA 4 #2)
1981 • Volume 3 #1
1980 • Volume 2 #1-2
1979 • Volume 1 #1
• Volume 1 #2

Addendum

1983 • Volume 3 #2
Proceedings of a Symposium on Human Evolution (Canadian Journal of Anthropology)
Bioline International is a not-for-profit electronic publishing service committed to providing open access to quality research journals published in developing countries. BI's goal of reducing the South to North knowledge gap is crucial to a global understanding of health (tropical medicine, infectious diseases, epidemiology, emerging new diseases), biodiversity, the environment, conservation and international development. With peer-reviewed journals from Brazil, Cuba, India, Indonesia, Kenya, South Africa, Uganda, Zimbabwe and more to come, BI provides a unique service by making bioscience information generated in these countries available to the international research community worldwide.

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To Contact us, please email: Bioline.International@utoronto.ca

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<tr>
<td>India</td>
<td>Indian Journal of Cancer Medknow Publications on behalf of Indian Cancer Society</td>
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<tr>
<td>India</td>
<td>Indian Journal of Critical Care Medicine Medknow Publications on behalf of the Indian Society of Critical Care Medicine</td>
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<tr>
<td>India</td>
<td>Indian Journal of Dermatology, Venereology and Leprology Medknow Publications on behalf of the Indian Society of Dermatology, Venereology and Leprology</td>
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<tr>
<td>Bangladesh</td>
<td>The Journal of Health, Population and Nutrition Centre for Health and Population Research</td>
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<td>Brazil</td>
<td>Brazilian Journal of Oral Sciences Piracicaba Dental School - UNICAMP</td>
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<td>Brazil</td>
<td>Caderno de Pesquisa série Biologia Universidade de Santa Cruz do Sul</td>
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<td>Memórias do Instituto Oswaldo Cruz Fundação Oswaldo Cruz, Fiocruz</td>
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<td>Agricultura Técnica Instituto de Investigaciones Agropecuarias, INIA</td>
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<td>China</td>
<td>Electronic Journal of Biotechnology Universidad Católica de Valparaíso</td>
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<td>Colombia</td>
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<td>Nigeria</td>
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<td>Nigerian Journal of Surgical Research Surgical Sciences Research Society, Zaria and Association of Surgeons of Nigeria</td>
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<td>Tropical Journal of Pharmaceutical Research Pharmacotherapy Group, Faculty of Pharmacy, University of Benin, Benin City, Nigeria</td>
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<td>African Journal of Biotechnology Academic Journals</td>
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<td>Kenya</td>
<td>The Journal of Food Technology in Africa Innovative Institutional Communications</td>
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<td>Malaysian Journal of Medical Sciences School of Medical Sciences, Universiti Sains Malaysia</td>
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<td>Nigeria</td>
<td>African Journal of Biomedical Research Ibaban Biomedical Communications Group</td>
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<tr>
<td>Nigeria</td>
<td>African Journal of Reproductive Health Women's Health and Action Research Centre</td>
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<td>Nigeria</td>
<td>Annals of African Medicine Usmanu Danfodiyo University Teaching Hospital, Sokoto and Annals of African Medicine Society</td>
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<tr>
<td>Nigeria</td>
<td>Biokemistri Nigerian Society for Experimental Biology</td>
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<tr>
<td>Nigeria</td>
<td>Journal of Applied Sciences and Environmental Management World Bank assisted National Agricultural Research Project (NARP) - University of Port Harcourt</td>
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From Gutenberg's Galaxy to Cyberspace: the Transforming Power of Electronic Hypertext

By Dr. J. Mason  About  Preface  Enter here  Published by CITDPress
Monumental Past is a living text based on a doctoral dissertation submitted by Cornelius J. Holtorf to the University of Wales that explores the records of all megaliths in Mecklenburg-Vorpommern. Among these finds, all later prehistoric (and early historical) periods are included.

Later Prehistory in Mecklenburg-Vorpommern
This work is not written with the intention of contributing to a 'cultural history' of later prehistoric Mecklenburg-Vorpommern.

Megalith Sites
... and cultural meanings of megaliths from later prehistoric Mecklenburg-Vorpommern in the Western Caucasus.

Google Directory - Science > Social Science
... of Wales that explores the social and cultural impacts of megaliths in later prehistoric Mecklenburg-Vorpommern.

Interpreting the History of Prehistoric Mortuary Monuments in later prehistoric Mecklenburg, 1200 megaliths, which I have studied for association...
<table>
<thead>
<tr>
<th>Item/Handle</th>
<th>Number of views</th>
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<tbody>
<tr>
<td>Monumental Past: The Life-histories of Megalithic Monuments in Mecklenburg-Vorpommern (Germany) (Holtorf, Cornelius.) (1807/245)</td>
<td>1,908</td>
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<td>Drawing and the blind (Kennedy, John) (1807/1021)</td>
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<td>Out of the Past - The History of Human Osteology at the University of Toronto (1807/444)</td>
<td>Conference proceeding</td>
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<td>A direct measurement of the radiation sensitivity of normal mouse bone marrow cells (Till, James E., till_at_uhnres.utoronto.ca et al) (1807/2781)</td>
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<td>From Gutenberg’s Galaxy to Cyberspace: The Transforming Power of Electronic Hypertext (Mason, Jean,) (1807/246)</td>
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<td>Sexual climax in female Macaca mulatta (Burton, Frances D.) (1807/2981)</td>
<td>852</td>
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<td>DEFINITION AND DIMENSIONS OF ETHNICITY: A THEORETICAL FRAMEWORK (Isajiw, Wsevolod W.) (1807/68)</td>
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<td>A psychology of picture perception (Kennedy, John) (1807/948)</td>
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<td>Participation in the global knowledge commons: challenges and opportunities for research dissemination in developing countries (Chan, Leslie et al) (1807/2388)</td>
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<tr>
<td>Behavioural responses of Western Flower Thrips, Frankliniella occidentalis (Pergande), to Volatiles from Three Aromatic plants (Chermenskaya, T. D. et al) (1807/167)</td>
<td>722</td>
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<tr>
<td>2,4-dichlorophenoxyacetic acid-degrading bacteria contain mosaics of catabolic genes (Fulthorpe, Roberta et al) (1807/792)</td>
<td>715</td>
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<tr>
<td>Kommos: an excavation on the south coast of Crete (Shaw, Joseph W. et al) (1807/3290)</td>
<td>684</td>
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<tr>
<td>Russian Heritage: Land, People and Culture (Dowler, Wayne,) (1807/1049)</td>
<td>682</td>
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<tr>
<td>Bioline Publications: How its evolution has mirrored the growth of the Internet (Canhos, Vanderlei et al) (1807/71)</td>
<td>679</td>
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</tbody>
</table>
Prof. Joseph W. Shaw, with the assistance of his wife Prof. Maria C. Shaw, has directed excavations at Kommos since they began in 1976.

photos and photos from contact sheets. Each book represents an investment of around $30K USD.
WOMEN'S HEALTH & URBAN LIFE:
AN INTERNATIONAL AND INTERDISCIPLINARY JOURNAL

(Vol. 4, Issue 2, December 2005)

CONTENTS:

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About this Publishing System
Into IR for long-term archiving
## Aid to Open-Access Research Journals

**Regulations Governing Grant Applications**  
**Definitions**

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<th>Next application deadline</th>
<th>Value</th>
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<th>Results announced</th>
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<td>June 30, 2007</td>
<td>Up to $25,000</td>
<td>1 year</td>
<td>September 2007</td>
<td>Application form, Web CV and instructions</td>
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**Context**  
**Objectives**  
**Description**  
**Value and Duration**  
**Eligibility**  
**Evaluation and Adjudication**  
**Administrative Regulations**  
**More Information**
OA Outcomes

• For Researchers
  – Maximize visibility and impact of one’s research
  – Greater control of one’s intellectual labour
  – Post-publication evaluation and impact

• For University
  – Promote institutional prestige
  – Better management of institutional output

• For Libraries
  – Lower cost for journals allow reinvestment in other resources
  – Allow customization of resources

• For Students
  – Access to greater variety of quality learning resources

• For funders
  – Ensure public access
  – Better return on investment when research is built upon
Conclusions

• Time to act now
• More research on researchers needed
• Both bottom-up (faculty-driven) and top-down (university and funding mandates) are needed
• Development of new tools for evaluation and quality assurance
• Think globally and act locally
Thank you!

Please check out:

www.elpub.net

Chan@utsc.utoronto.ca