

# Blurring the boundaries between an institutional repository and a research information registry

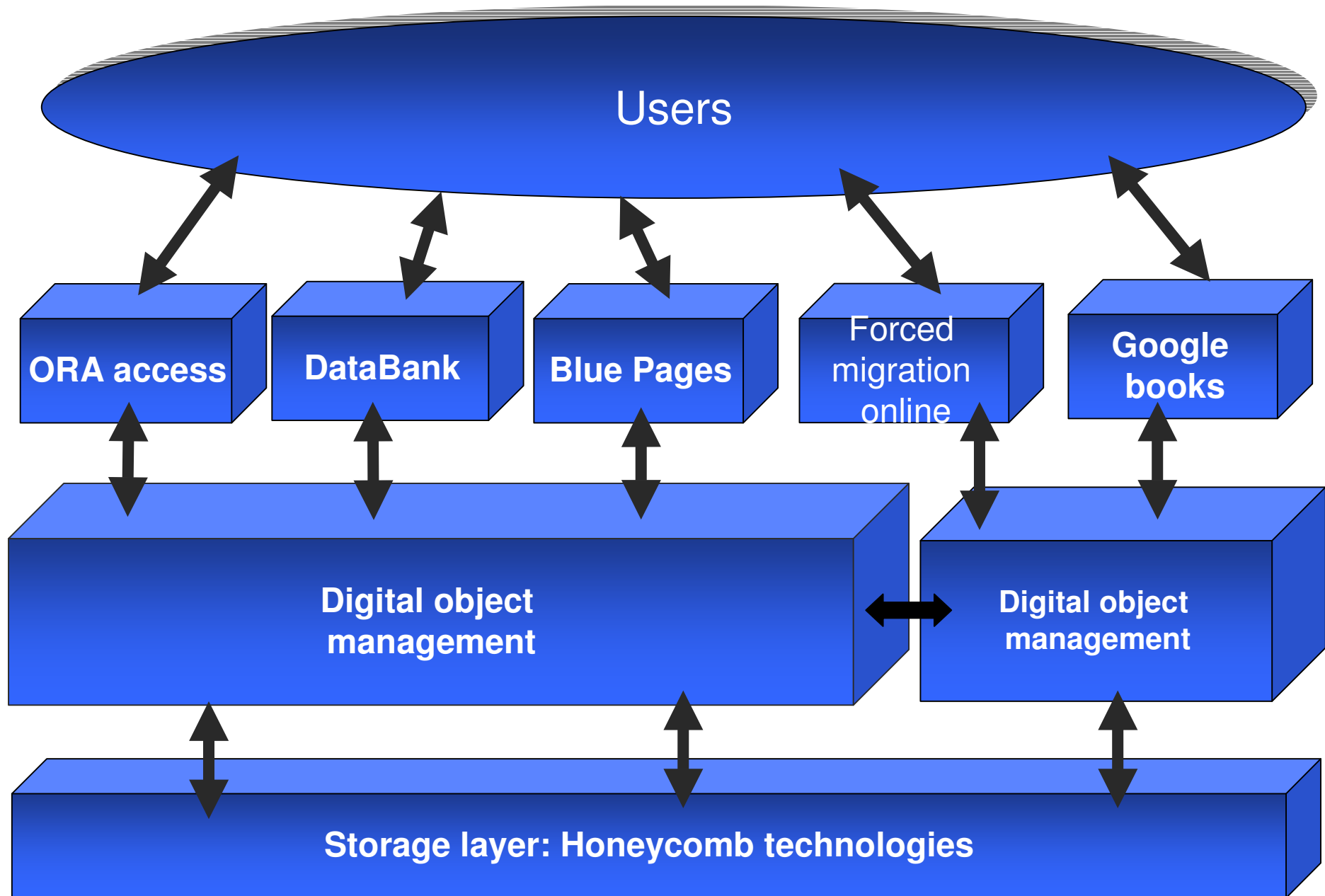
*Where's the join?*

Sally Rumsey

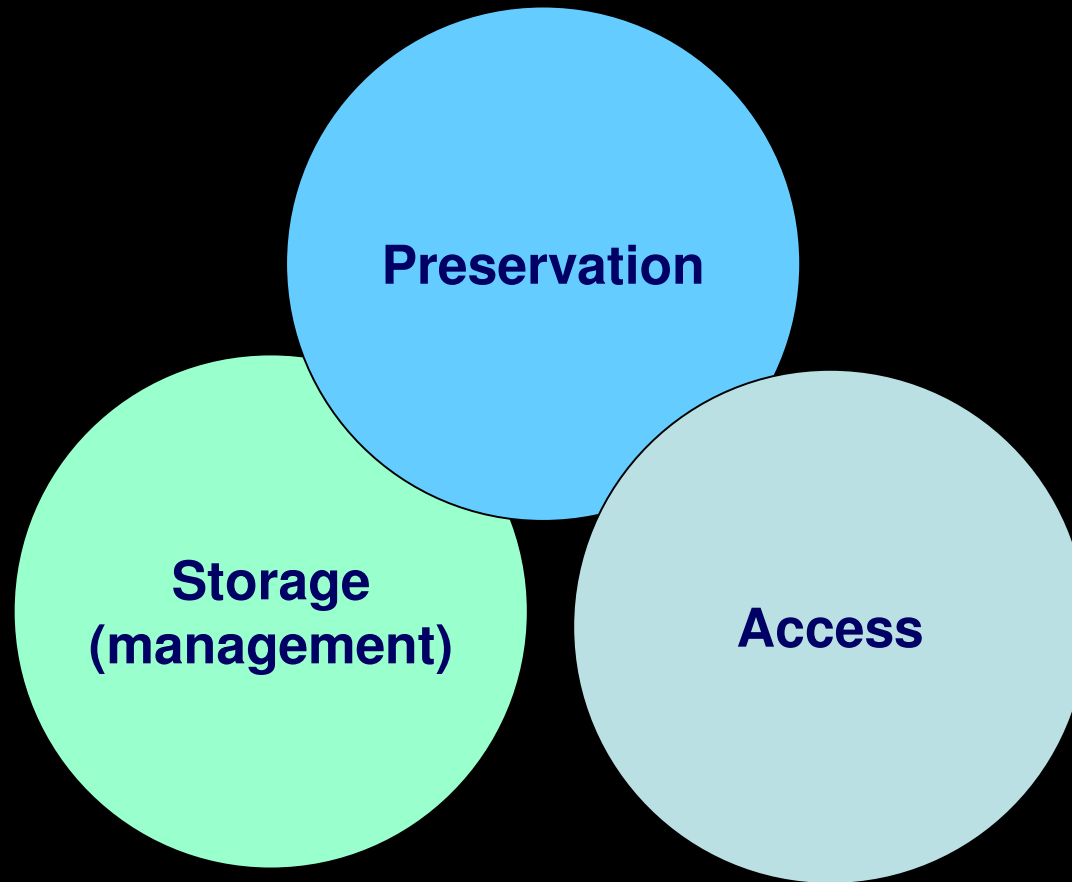
The Bodleian Libraries, University of Oxford



# Oxford DAMS: Digital Asset Management System



# Motivations



# Components (examples)



**KISS**

# Metadata

**MODS**

**METADATA  
AGNOSTIC**

 **Dublin Core® Metadata Initiative**  
*Making it easier to find information.*

**DC Terms**

**MARXML**

**Whatever...**

# Deposit Form

Term of address:

Family name:

Given name(s)/initials:

Printed name (if different):

Name

Choose the roles that apply:

- Author/Creator roles:
  - Author of afterword, colophon, etc.
  - Author in quotations or text abstracts
  - Author of introduction
  - Author
  - Collaborator

Roles:

Email address:

Website:

Institution:  \*

Affiliation - institution

Choose the relevant faculties/divisions:

- ASUC
- OUCS - Oxford University Computing Services
- OULS - Oxford University Library Services

Faculty/Divisions:

Affiliation - faculty

Oxford research group:

Oxford College:

Affiliation - college

Funding body:

Funding body

Grant number:



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[Project in Diagram Form](#)

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[BRII Papers, Reports and Presentations](#)

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"We would like to be able to identify cross-disciplinary research opportunities to attract development funding and business partnerships. It is also vitally important that graduate students and potential academic collaborators worldwide can easily access information regarding research activity in Oxford. They need to know what projects are being undertaken, what is the source of funding and what resources are available."

Oxford Senior Managers  
and Administrators

Download the [BRII Stakeholder Analysis report](#) from ORA.

## Building the Research Information Infrastructure (BRII)

The BRII project has officially concluded. However development and user engagement work is still ongoing. We will continue to add data to the registry and go around the University selling our outputs and asking people for more feedback. We will keep you updated on our progress here and in our weblog <http://brii-oxford.blogspot.com>

If you want to know more about our outputs and outcomes, have a look at "[BRII Papers, Reports and Presentations](#)".

If you would like more information email me at [cecilia.loureiro-koechlin@bodleian.ox.ac.uk](mailto:cecilia.loureiro-koechlin@bodleian.ox.ac.uk) or ring me at +44 (0)1865 280028 or Sally Rumsey (BRII Manager) at e: [sally.rumsey@bodleian.ox.ac.uk](mailto:sally.rumsey@bodleian.ox.ac.uk) tel: +44 (0) 1865 283860.

BRII will enable efficient sharing of research activity information using semantic web technologies. Ontologies and taxonomies will define and describe data objects (eg people, research groups, funding agencies, publications, research 'themes') to forge connections between them and provide web-based services to disseminate and reuse this information in new contexts. It will create efficiencies, greater accuracy of data, and better discovery of research activities at Oxford. University data sources will include academic departments and central services. Half the project will be devoted to stakeholder input, collaboration and 'buy-in' aimed at evolving current work practices and processes. The project started on September 2008 and will end on March 2010.

BRII is funded by JISC under the Institutional Innovation Programme



BRII is a collaboration between the Bodleian Libraries and the Medical Sciences Division



**[Building the Research Information Infrastructure \(BRII\)](#)**

[BRII Update May 18, 2010](#)

[End of Project Apr 07, 2010](#)

[Blue Pages video clip Mar 22, 2010](#)

[BRII Presentation Mar 11, 2010](#)

[More...](#)



BRII's web services will be based on the

# Entities and vocabularies

**Person  
[& persona]**

**Project**

**Funding  
body**

**Organisational  
Unit  
[Affiliation]**

**[Other]**

**Structure &  
Relationships**

eg DCTerms  
isPartOf

**Descriptive**

Eg ARPFO, RES  
& AIIISO roles

**Subject  
vocabularies  
&  
classifications**



# Data used to answer queries

“Who in Oxford is doing research on a specific topic?”

“Who in Oxford is collaborating with researchers in Argentina?”

“Which projects are collaborating with researchers in China?”

“Are any projects working with MicroSoft?”

“Which funders are funding research at Oxford on Eastern Europe?”

# Trustworthiness and longevity

## Preservation

Access  
Lossless rebuild  
DAMS

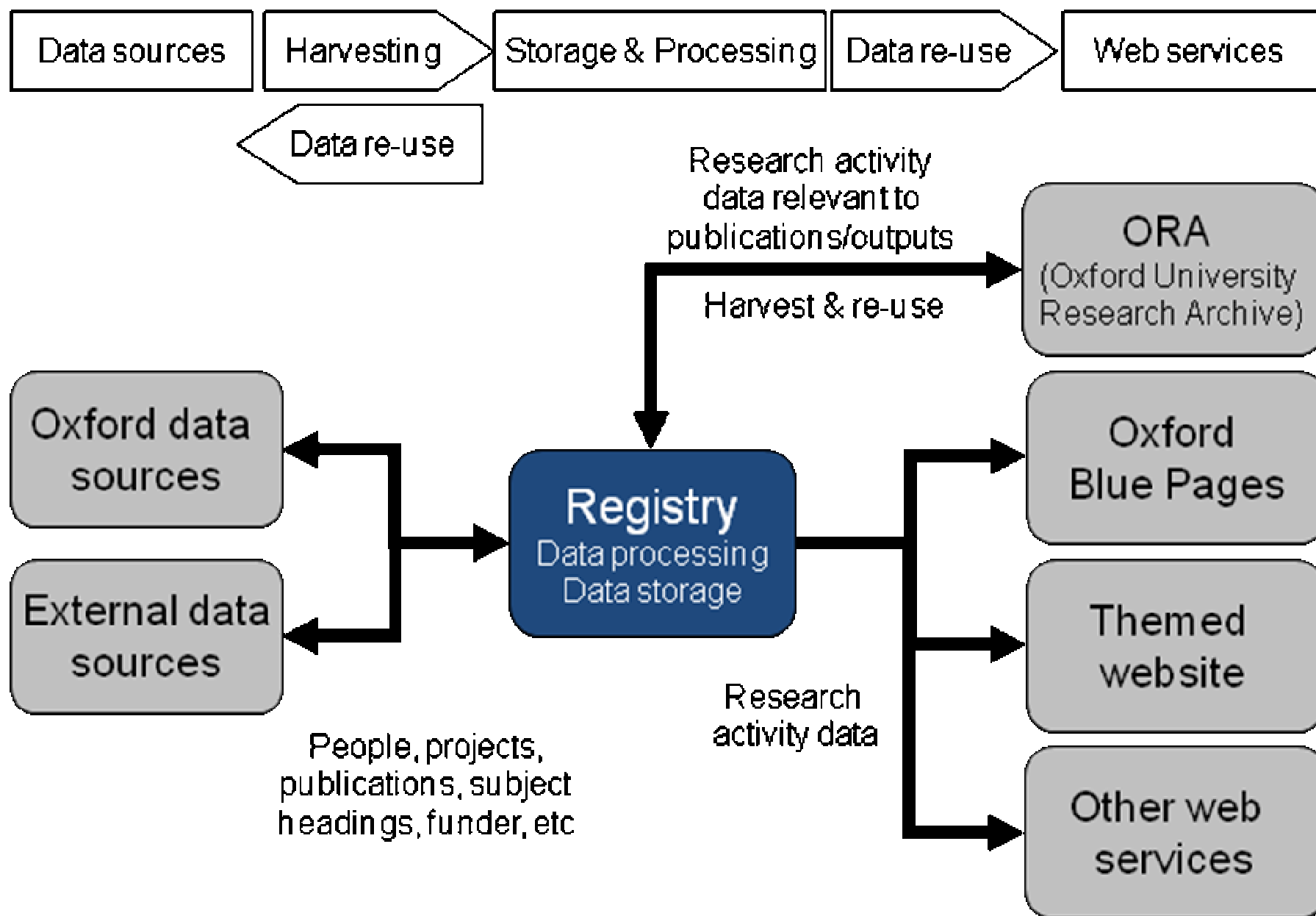
## Standards

Metadata schema  
Controlled vocabs  
Data exchange

## Provenance

Source  
Validity

# Data harvesting and re-use



# Research and Researchers Blue Pages



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The Blue Pages makes it easier than ever before to find information about research and researchers at Oxford.



## Search



## Or browse:

### People



Principal investigators,  
research staff...

### Research Projects



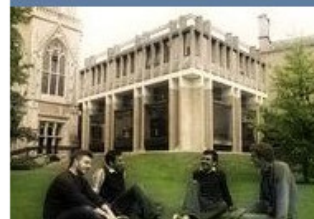
Research projects, clinical  
trials, surveys...

### Funders



Research councils,  
sponsors...

### Academic Units



Divisions, departments,  
colleges...


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## Prof. Boris Vojnovic

Information from:  
[gow.epsrc.ac.uk](http://gow.epsrc.ac.uk)  
[www.rob.ox.ac.uk](http://www.rob.ox.ac.uk)  
 on 2009-11-08


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[Research Projects](#)
[Publications](#)

### Collaborators

Group by:  People  Collaborations

Number of collaborators: 30

Name	Member	Country	Number of Collaborations
Atkin; Gary; G			1
Barber; Paul R; PR			2
Brooks; Andrew C; AC			1
Cook; Ian H; IH			1
Folkard; Melvyn; M			1
Giselle Flaccavento			1
Glenn P Pierce			1
Glynne-Jones; Rob; R			1
Hamada; Nobuyuki; N			1
Iain Tullis			1
Iestyn Pope			1
Kanthou; Chryso; C			1
Kashino; Genro; G			1
Kodama; Seiji; S			1
Lisa Folkes			1

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ALPHA

## Prof. Boris Vojnovic

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[www.rob.ox.ac.uk](http://www.rob.ox.ac.uk)  
 on 2009-11-08
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### Collaborators

Number of associations: 4

Group by:  People  Collaborations

Collaboration Type	Collaboration Title	Date	Number of people
Professional colleagues listed by researcher	<a href="#">Boris Vojnovic</a>		9
Publication	<a href="#">Correlation of spectral imaging and visual grading for the quantification of thymidylate synthase protein expression in rectal cancer.</a>	2005-Dec-01	5
Publication	<a href="#">Histone H2AX phosphorylation in normal human cells irradiated with focused ultrasoft X rays: evidence for chromatin movement during repair.</a>	2006-Jul-01	10
Publication	<a href="#">The vascular targeting agent combretastatin A-4-phosphate induces neutrophil recruitment to endothelial cells in vitro.</a>		7



Report missing or incorrect information



**Oxford University Research Archive (ORA)** contains research publications and other research output produced by members of the University of Oxford. Content includes copies of journal articles, conference papers, theses and other types of research publications. The full text of many of these items is freely available to be used in accordance with copyright and end-user permissions.

Oxford University Research Archive is a growing repository of Oxford research publications and is therefore not a complete record of the research output from the university. Members of the University of Oxford may deposit items in Oxford University Research Archive. For more details contact us.

**Newest Additions: (follow via [Twitter](#))**

<a href="#">Yeast forms dominate fungal diversity in the deep oceans</a> - Journal Article	David Bass, Alexis Howe, Nick Brown, Hannah Barton, Maria De... et al	<i>Zoological sciences, Plant Sciences</i>	2007	✓ Peer Reviewed
<a href="#">Migration and stopover in a small pelagic seabird, the Manx shearwater <i>Puffinus puffinus</i>: insights from machine learning</a> - Journal Article	T. Guilford, J. Meade, J. Willis, R. A. Phillips, D. Boyle, ... et al	<i>Zoological sciences, Engineering &amp; allied sciences</i>	2009	✓ Peer Reviewed
<a href="#">The universality and demarcation of lexical categories cross-linguistically</a> - Oxford Thesis	Lindsay A. Morcom	<i>Linguistics, Indigenous peoples</i>	2009	
<a href="#">The fantasy of reunion: the rise and fall of the Association for the Promotion of the Unity of Christendom</a> - Journal Article	Mark D. Chapman	<i>Theology and Religion, Christianity and Christian spiritual ...</i>	2007	✓ Peer Reviewed
<a href="#">Does God know what it is like to be me?</a> - Journal Article	William J. Mander	<i>Philosophy, Theology and Religion, Philosophy, psychology and ...</i>	2002	✓ Peer Reviewed
<a href="#">Omniscience and pantheism</a> - Journal Article	William J. Mander	<i>Philosophy, Philosophy, psychology and sociology of religion</i>	2000	✓ Peer Reviewed
<a href="#">The place of the officer-offender relationship in assisting offenders to desist from crime</a> - Journal Article	Ros Bumett, Fergus McNeil	<i>Law, Criminology</i>	2005	✓ Peer Reviewed
<a href="#">Experiencing modernization: frontline probation perspectives on the transition to a National Offender Management Service</a> - Journal Article	Gwen Robinson, Ros Bumett	<i>Law, Criminology</i>	2007	✓ Peer Reviewed
<a href="#">Paid annual leave and the long-term sick: third time lucky for the United Kingdom?</a> - Journal Article	Alan Bogg	<i>Law</i>	2007	✓ Peer Reviewed
<a href="#">Employment Relations Act 2004: another false dawn for collectivism?</a> - Journal Article	Alan L. Bogg	<i>Law</i>	2005	✓ Peer Reviewed

**Usage Statistics for the current month**

## Oxford University Library Services' Databank

Oxford DataBank is a small collection of non-bibliographic works created by Oxford researchers. The purpose of DataBank is to provide a pilot version of a robust and efficient system for the safe storage of and open access to (where appropriate) Oxford research data. Content could be described as 'data produced as a result of academic research.' Items might comprise files such as spreadsheets, databases, audio files and images (still and moving). Numerical or other data might be raw data or the data may have been manipulated or processed in some way.

DataBank is not intended to store large-scale data sets such as grid data or other vast data sets. Neither is it intended to replace national, subject or other established data collections. It is envisaged that the future role of DataBank will be to provide a secure and accessible store of small to medium-sized files which have no other option for similar safe storage. The role of DataBank will be clarified as Oxford University works towards a solution for the storage of and access to its research data. Please note DataBank is a pilot system and still under development.

Users should adhere to the terms and conditions stated for each item.

### Datasets

Latest Datasets:

Title	Created by	Date	Rights
<a href="#">Dataset: Tick1 audio corpus</a>	Greg Kochanski	2010-03-04T13:58:46.334Z	Unestablished
<a href="#">Robert Darnton at Oxford</a>	Robert Darnton	2009-06-19T14:34:54.235Z	Copyright 2009

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# CULTURES of KNOWLEDGE

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An Intellectual Geography of the Seventeenth-Century Republic of Letters

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2010» [Conference](#)

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## Home

### Networking Intellectual History

#### Documentary: The Story of Science



A major new series from the BBC, advised by Oxford's Professor Pietro Corsi.

< || > 1 2 3 4 5 6 7 8

Funded by a research grant from the [Andrew W. Mellon Foundation](#) - one of the largest awarded recently to the [University of Oxford's Humanities Division](#) - **Cultures of Knowledge** is an interdisciplinary group of scholars working with partners in Britain and abroad to reconstruct the correspondence networks central to the revolutionary intellectual developments of the seventeenth century. The Project consists of four main strands:



### MEDIEVAL LIBRARIES OF GREAT BRITAIN (*MLGB3*)

For the remains of medieval British libraries, the scholar must deal in fragments. Libraries are attested first by their surviving books and second by surviving medieval catalogues of the collections. This project's aim is to bring together these complementary fragments in a resource that will enable an integrative reading of the evidence. The Corpus of British Medieval Library Catalogues, a major project to publish the medieval catalogues of British libraries, is now within sight of completion. As a complement to this, it is necessary also to update the standard research tool that records extant manuscripts according to evidence of their medieval library provenance, Neil Ker's *Medieval Libraries of Great Britain* (1941) [*MLGB*]; revised and augmented in 1964 [*MLGB2*]. The opportunity exists to integrate these two strands in a single innovative digital resource. Completion of both strands will take several years, but thanks to generous funding from the Andrew W. Mellon Foundation, Professor Richard Sharpe, Dr James Willoughby and a team from Library Services are working on a pilot project on creating an electronic edition of the *Medieval Libraries of Great Britain*.

It is clear that a new edition of *MLGB* must take advantage of the possibilities offered by digital technology and the internet, and there are many ways in which this will also make possible genuine improvements in the content that can be linked together in an electronic *MLGB3*. We also see an opportunity to bring to *MLGB3* a new avenue of entry, allowing the surviving books there listed by provenance to be searched by author and title through the same search-route as serves the Corpus, the cumulative index-list of identifications. We envisage that in the future this will further serve as a model for parallel searches by author and title in the 28,000 printed editions produced before 1501 and known as incunabula.

# Data re-use

Linked data  
Reflect complex nature  
De facto standard  
Easy sharing & re-use

Data Export  
RSS/Atom feeds  
JSON

APIs



Contact Us

Webteam Activities

Webteam Planning

Researcher Profiles

**Integration with the  
Oxford Research  
Archive Registry**

Adding a Researcher  
Profile

## Integration with the Oxford Research Archive Registry

**Some videos to demonstrate how we can embed researcher profiles from the Oxford Research Archive in our websites.**

### **Adding a Researcher Profile**

This video demonstrates how to search for a researcher profile in the ORA registry and then embed this in a content managed website. Using this technique we can build a website for a consortium of researchers from different departments, re-using the profiles they've provided on their department sites. Download this video in .mov format (about 3MB).

<http://webteam.medsci.ox.ac.uk/about-us/activities/directory/oraintegration/>

# Ownership & responsibilities

**Content providers**  
Dispersed

**Users (search)**  
Blue Pages  
Internal  
External

**Users (re-use)**  
ORA  
Registry  
Websites  
Other uses

**Technical  
expertise**

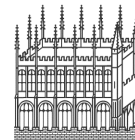
**Maintenance  
&  
administration**



**Permissions  
&  
policies**



UNIVERSITY OF  
**OXFORD**



Bodleian Library  
UNIVERSITY OF OXFORD

including ORA

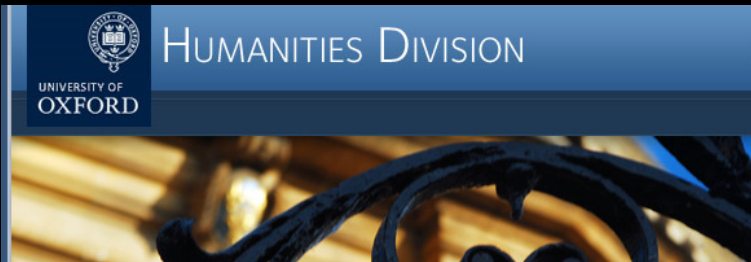
# Benefits for stakeholders of sharing and re-using data

- Administrators
- Managers
- Web managers
- Researchers

# Integration



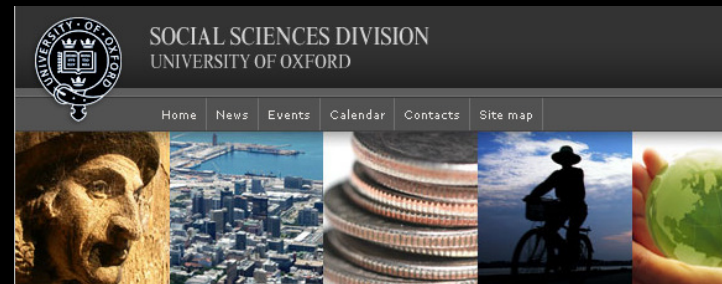
## Central departments



Mathematical, Physical and Life Sciences Division  
University of Oxford



## Academic divisions



## Colleges



**PROCESSES & POLICIES:  
NOT TECHNICAL**

**ORA <http://ora.ouls.ox.ac.uk/>**

**Sally Rumsey [sally.rumsey@bodleian.ox.ac.uk](mailto:sally.rumsey@bodleian.ox.ac.uk)**

