Innovations Between Libraries and Publishers

Rebecca Kennison
Columbia University Libraries
November 3, 2011
Center for Digital Research and Scholarship: What We Do

• Journals services
• Conferences and video services
• Collaboration services
• Experiments, pilots, prototypes
  – First of kind, not one of a kind
• Research repository
• Data management assistance
• Publishing partnerships
Columbia-Based Journals

• 90+ (and more all the time)
  – Columbia, Barnard, Teachers College, Union Theological, Jewish Theological

• Faculty-run
  – e.g., Revista Hispánica Moderna, Journal of Philosophy, Tremor and Other Hyperkinetic Movements

• Grad student-run
  – e.g., Columbia Law Review, Journal of International Affairs, Union Seminary Quarterly Review

• Undergrad-run
  – e.g., Columbia: A Journal of Literature and Art
Journals Services

• Platform software hosting, updates, enhancements
  – Open Journal Systems
  – WordPress
  – Blogs and wikis

• Consultation
  – Digitization of print back issues
  – Copyright, licensing, author agreements
  – Open access and other business models

• ISSN acquisition

• Print on demand

• Custom quote: design, content migration
Current Journals

**CURRENTLY HOSTING**
- Columbia Business Law Review
- Columbia Journal of Race and Law
- Columbia Journal of Transnational Law
- Columbia Undergraduate Science Journal
- Consilience: The Journal of Sustainable Development
- Tremor and Other Hyperkinetic Movements
- Union Seminary Quarterly Review

**UNDER DEVELOPMENT**
- Columbia Journal of Gender and Law
- Columbia Journal of Law and the Arts
- Columbia Social Work Review
- Explorations in Anthropological Research
- Morningside Review (formerly Journal of the Undergraduate Writing Program)
Conferences

- **Caste and Contemporary India**
- **Cities in Revolt: The Dutch-American Atlantic, ca. 1650-1815**
- **Columbia Undergraduate Science Symposium**
- **Cultural Formations**
- **The Digital Middle Ages: Teaching and Research**
- **Women in Silent Film**
Collaboration

Wikischolars

Alfresco
Online Reference Project

http://wfpp.cdrs.columbia.edu
Research Repository
What Is a Research Repository?

An online repository holding “a complete version of the work and all supplemental materials, including a copy of the permission[s] …, in an appropriate standard electronic format … using suitable technical standards …, that is supported and maintained by an academic institution, scholarly society, government agency, or other well-established organization that seeks to enable open access, unrestricted distribution, interoperability, and long-term archiving.”

— *Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities* (2003)
What Is an Institutional Repository?

• More specific: Output from single institution
• More general: Inclusion of entire output of the enterprise (including administrative material)
Focus of Most Repository Strategies to Date

Research article (whether preprint or final published version), with “supplementary (or supporting) materials.”

In other words, competing with publishers.
A Different View

• Publication is snapshot in time of ongoing research
• Cost of publication is small part of total cost of research (e.g., data collection and data analysis) — perhaps as little as 1%
• Much of intellectual and financial investment of institution is not in publications, but in other research outputs
Examples of Research Output

- Archival materials (e.g., e-mail correspondence)
- Computer executable code (e.g., simulations)
- Databases
- Datasets
- Electronic portfolios
- Electronic theses and dissertations
- Multimedia objects (e.g., PowerPoint presentations, audio, video, graphics, animations, CAD)
- Online media (e.g., blogs, wikis, Web sites)
- Photographs
- Podcasts, pubcasts, postercasts
- Scientific visualizations of datasets
- Software and tutorials
- Teaching materials and learning objects
- Text files (e.g., spreadsheets, document files, LaTeX, RTFs, PDFs)
Goals of Our Repository, Academic Commons

- To reflect needs of research community (collaboration, data security and confidentiality, access, priority claims, visibility and impact, quality certification, archiving and preservation)
- To advance scholarship through accumulation of content of importance to that community
- Not to be seen as merely solving problems of libraries or being trendy
- To be part of collaborative partnerships in open and interoperable manner
Benefits of Research Repository

• Choice of what to deposit and determination of access and reuse determined by researcher
• Research data made available alongside published outputs based on that data
• Publication (as in making public) may include negative results, incremental findings
• Value of research can be based on quality of databases, datasets, and other outputs, not on publications alone
• Data required by funders and journals to be made available or shared can be deposited in repository
• Interoperable research repositories can provide for unexpected use and novel reuse
• Impact can be tracked through robust metrics
Challenges for Research Repository

• What counts as research output varies from discipline to discipline
• Research data are much more difficult to ingest, to make accessible, to regularize, and to preserve for the long-term than are publications and thus require much more infrastructure
• Interoperability and dynamic cross-linking of data with publications or related data are not yet well-developed technologies (e.g., resource maps)
• Cooperation is needed among government agencies, publishers, societies, universities, departments, and researchers
Biggest Challenge: Show Me the $$$!

• Staffing for customization of software, education and training, curation, and data migration
• Storage: petabytes, if not exabytes
• Need for long-term institutional commitment and sustainable business models
Content

- Articles
- Book chapters
- Books
- Computer software
- Datasets
- Dissertations
- Fictional works
- Images
- Interviews and roundtables
- Letters
- Maps and charts
- Master’s theses
- Musical compositions
- Performances
- Presentations
- Reports
- Reviews
- Scripts
- Technical reports
- Undergraduate theses
- Videos
- Web sites
- Working papers
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Data Management Assistance
Scholarly Communication Program

- Information about issues (e.g., NIH, NSF)
- Coordination of OA resolutions
- Administration of Columbia OA Publication Fund
- Research Without Borders speaker series
Data Management

• Data Management Plan Working Group
  – Review of DMPs
  – Data Curation Profiles

• Workshops
• Web site
• Academic Commons
The Problem
The Problem

The Solution
Data in Academic Commons

- Big sales point for repository
- Outreach to NSF-funded PIs
- Outreach to authors in journals that no longer wish to be “data dump” (e.g., Journal of Neuroscience, Journal of Experimental Medicine)
- Pricing structure of $10/GB for anything over 2 GB

Data FAQ

1. Can I deposit my data in Academic Commons? Yes, you can deposit data, plus the articles they support, graphs and visualizations, and much more. (06/2010)
Example: Datasets in Academic Commons

1. Data on women in political parties in (13) Arab and (7) non-Arab Muslim-majority countries and (6) European countries with Christian democratic parties plus Israel
   - Author(s): Kassem, Fatima Sbaili
   - Date: 2011
   - Subject: Political science, Gender studies
   - Type: Datasets

2. Institutions Don't Rule: Direct Effects of Geography on Per Capita Income
   - Author(s): Sack, Jeffrey D.
   - Date: 2003
1. **Gender Differences in the Subjective Effects of Cocaine**
   
   **Author(s):** Laura, Diana  
   **Date:** 2011  
   **Subject:** Behavioral sciences, Neurosciences  
   **Type:** Undergraduate theses

2. **Neural correlates of conscious and unconscious perception of self-faces**
   
   **Author(s):** Pannese, Alessia  
   **Date:** 2010  
   **Subject:** Neurosciences
<table>
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Publishing Partnerships
Library-Press Partnerships

• Current partners
  – Columbia University Press
    • Columbia International Affairs Online (CIAO)
    • Gutenberg-e
  – Fordham University Press
    • Dangerous Citizens

• In discussions
  – Duke University Press
  – W. W. Norton
Dangerous Citizens Online

http://dangerouscitizens.columbia.edu
The Partners

Center for Digital Research and Scholarship
Columbia University Libraries/Information Services

Neni Panourgia

Fordham University Press

FACULTY
Dangerous Citizens: The Author’s View

http://www.youtube.com/watch?v=lscMb1IBCxE
Model for Inter-Institutional Partnership

• Joint commitment to author
• Shared vision, understanding, agreement as to benefits for each group
• Clear responsibilities, utilizing each other’s strengths and expertise
• Shared cost burden, risk
• Open and continuous communication, including regular reporting on usage, sales
• Coordinated marketing
# Expertise

<table>
<thead>
<tr>
<th><strong>Fordham UP</strong></th>
<th><strong>CDRS</strong></th>
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<tbody>
<tr>
<td>Peer review</td>
<td>Web publishing</td>
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<tr>
<td>Developmental editing</td>
<td>– Design</td>
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<tr>
<td>Book design</td>
<td>– Platform/browsers</td>
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<tr>
<td>Copyediting</td>
<td>– Programming</td>
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<tr>
<td>Proofreading</td>
<td>– XML/XSLT</td>
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<tr>
<td>Typesetting</td>
<td>– Search</td>
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<td>Marketing and sales</td>
<td>Usability/accessibility</td>
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Challenges

• Addressing FUP’s initial concerns: copyright ownership, primacy of form, book sales
• Balancing user experience and copyright protections
• Moving conceptually from a book online to an online book
• Showing parerga ("shadow text"), images, footnotes, citations
• Accommodating accessibility issues
• Considering mobile phone users
• Allowing for author’s adding new material
Editorial Challenge
Example: Copyright

• Copyright for print book
  – All rights signed to Fordham UP
  – Exception: Images, which remain with original copyright owner

• Copyright for online version
  – CC Attribution-Noncommercial-No Derivative Works 3.0
  – All book under this license
  – Future content could be something else
Chapter 3. 1944–1945: The Battle of Athens

And They Took Us to Al Dab’a

As we all know, writing (at least recent writing, done by people who do not have the luxury, or the disadvantage, of a stay-at-home spouse who raises children, manages the household, puts dinner on the table, and acts as a social secretary) is a profoundly social act. Despite the fact that what finds itself on the page at the end bears the responsibility of our decision to put it there, what makes the decision possible is the constant fort-da of the exchange with other minds, objections and approbations of the object/subject at hand.

Al Dab’a has stayed with me for a very long time. Maybe because there is so little mention of it in almost all of the historical analyses of the period. Maybe because not too much importance has been given to it. Maybe because of the ways in which the operation was carried out, in scattered mentions, here and there, in testimonials by people interned on Yáros, about a place on Yáros called “Ntámna,” an encampment of
New Content: Maps

Map of prisons and places of exile.
The map was prepared by Polymeris Voglis and was originally published in Voglis 2002, facing p. 89. It is a map of political prisons and concentration camps for the five-year-period between 1945 and 1950. It does not include places of exile (such as Andros, Poros, Methana, Thera) that the Greek state used from 1929 onwards. Published with permission from the publisher.
New Content: Videos

On Location

The area of the Eastern Mediterranean is strewn with uninhabited, desert islands that were used as rehabilitation and concentration camps for political dissidents from the 1920s until the 1980s. Their use was intensified during the two decades following the Greek and the Yugoslavian Civil Wars that came on the wake of the Second World War. This section contains material from the Yugoslavian case.

A Boat Ride

We leave behind Senj, the medieval coastal town on the north coast of Croatia from which we will drive south to the ferry that will take us to Goli Otok. Five of us are taking the trip, among us the Croatian anthropologist Dejan Lukic. Senj is a cosmopolitan town that has retained all the vestiges of its long history: thick town walls, tall clock tower, small winding streets, all of which congruously absorb the vacationers who are walking around in their bathing suits, eating ice-cream, and languishing in the afternoon sun.

Continue Reading "A Boat Ride"

Lopar and the Glass Boat

We arrive at Lopar and easily find the small kiosk that advertises boat rides to Goli Otok. The boat leaves at 10:30 a.m., just as we are speaking with the clerk at the kiosk. We must wait until the next boat at 3:00 p.m., or come back the next day, or go back to Rab to catch the 3:00 p.m. boat from there. We decide to wait for the next
SEO Success
Questions?
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