THE EVOLVING SCHOLARLY RECORD: FRAMING THE LANDSCAPE

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What is scholarly?

“Avoid activities that will distract you from research. Whatever you do, do not start a blog. That will only establish your lack of seriousness as a scholar.”

Greg Mankiw’s Blog [February 24, 2007]

“... I wanted to officially announce some good news – Savage Minds is now being archived at the University of Texas at Austin ... SM really has become the blog of record for the sociocultural anthropological internetosphere.”

Savage Minds Blog [October 24, 2014]
What is the scholarly record?

Scholarly Outputs vs the Scholarly Record

Systematically gathered, organized, curated, identified, and made persistently accessible
What is the scholarly **record**?

**Scholarly Outputs vs the Scholarly Record**

*Systematically gathered, organized, curated, identified, and made persistently accessible*
Evolutionary trends ...

**Formats shifting:**
- Print-centric to digital, networked

**Boundaries blurring/expanding:**
- Articles/monographs, but also data, computer models, lab notebooks, blogs, e-mail discussion, e-prints, interactives/executables, visualizations, etc

**Characteristics changing:**
- Traditionally: static, formal, outcome-focused
- Today: dynamic, blend of formal & informal, more focus on process, replicability, “leveragability”

**Stakeholder roles reconfiguring:**
- New paths for the scholarly communication “supply chain”
Framing the Evolving Scholarly Record

- Organize/support/drive discussions about ESR
- “Big picture” view of ESR
- Define key categories of material and stakeholder roles
- High-level; cross-disciplinary application; practical use
- Common reference point for ESR within/across domains
- Support strategic planning by libraries, funders, publishers, scholarly societies, etc.

http://oc.lc/esr
Framing the Scholarly Record...

- Method
- Evidence
- Discussion

Outcomes

Discussion
Revision
Re-use
In practice ...
Framing the stakeholder eco-system ...
Evolving configurations in the eco-system ...

- **Fix**
- **Create**
- **Collect**
- **Use**

Social media (blogs, Twitter)
Social storage (SlideShare, YouTube, Flickr)

e-literature
What is the scholarly record? (reprise)

A selection of scholarly content ...

... supported by stable configurations of stakeholder roles
THANK YOU!

Based on slides prepared by:

Brian Lavoie, research scientists at OCLC Research.

For the workshop on the Evolving Scholarly Record, Washington, DC

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THE EVOLVING SCHOLARLY RECORD: RISING TO THE [STEWARDSHIP] CHALLENGE

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“FULL-SPECTRUM STEWARDSHIP OF THE SCHOLARLY RECORD”
RISING TO THE CHALLENGE

• Research Data Curation
• The Rise of the Archivist
• Web Archiving
**RESEARCH DATA CURATION**

- Formal Program established, July 2013
- 5.20 FTE:
  - Director
  - Data Curation Specialists (2 FTE)
  - Digital Preservation Specialist
  - Metadata Specialist
  - Faculty Liaison (0.20 FTE)
- In partnership with these Library programs:
  - Digital Library Development Program
  - Digital Object Metadata Management
  - Digital User Services
  - Information Technology Services
- And these campus IDI (Integrated Data Infrastructure) units:
  - ACT
  - CalIT2
  - SDSC
Research Data Curation

- UCSD DAMS:
  - 6 datasets
  - 10TB data
- Chronopolis:
  - 13 datasets
  - 20TB data
- DPN ...
THE RISE OF THE ARCHIVIST

- 07.2007 – 01.2015: 1,446, of which
- 12.2010 – 01.2015: 78, of which
- 06.2013 – 01.2015: 4

And so:
- 3.5 years: 0; 4 years: 5.4%
- 2.5 years: 0; 1.5 years: 5.1%

—ARL PDDB
RECRUITING ARCHIVISTS
@UC SAN DIEGO

Since July 2013:
• University Archivist
• Project Archivists:
  ▪ Scripps Institution (x 2)
  ▪ Jonas Salk
• Supervisory Archivist
• Digital Archivist
WEB ARCHIVING @UC

• Began in 2007
• Tool: California Digital Library’s (CDL’s) Web Archiving Service (WAS) [http://webarchives.cdlib.org/](http://webarchives.cdlib.org/)
• Storage: CDL’s Merritt Preservation Repository
• More than 20 institutional users: [http://webarchives.cdlib.org/institutions](http://webarchives.cdlib.org/institutions)
• More than 60 public collections: [http://webarchives.cdlib.org/archives](http://webarchives.cdlib.org/archives)
• Capture can be at site level, page level, or include linked content
• Future: Move from WAS to IA’s Archive-It
WEB ARCHIVING
@UC SAN DIEGO

• Also began in 2007, and also uses WAS and Merritt
• 21 projects, 386 sites, 4227 captures, 5.2TB storage
• 3 public collections:
  • 2009 H1N1 Influenza A (Swine Flu) Outbreak
  • 2012 Mexican Presidential Election
  • San Diego Local Governments
• 8 more collections being edited for public release
• 6 collections captured for preservation and reference only
• Future:
  • Move from WAS to IA’s Archive-It
  • Collect significantly more content related to campus publications that are Web-published and for which there is currently no preservation strategy
THE ART OF INVENTION

THE EVOLVING SCHOLARLY RECORD: A UK PERSPECTIVE

JOHN MACCOLL
University Librarian
University of St Andrews
– ‘New wine in old bottles’
– The Library as learned society
– A question of governance
– Scholarly incentives
– Beyond box-ticking
– Libraries and scholarly ethics
– An international conference?
– Who is in the room?
‘Of course, the concepts, generalizations, and abstractions of the framework must eventually give way to the practical details of the specific materials and stakeholder entities around which strategies for curation of, and access to, the permanent scholarly record must revolve.’ (Conclusion)