Libraries on the Cutting Edge: The Evolution of The Journal of eScience Librarianship

Regina F. Raboin
*University of Massachusetts Medical School*

*Et al.*

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Libraries on the Cutting Edge: The Evolution of The Journal of eScience Librarianship

LPC Forum | March 20th 2017
Baltimore, MD

Regina Raboin, Associate Editor
Julie Goldman, Managing Editor
Lisa Palmer, Distribution Editor
Outline of Presentation

• History & Background
• JeSLIB Evolution
  – JeSLIB 2012-2016
  – JeSLIB Today
• Survey of Peer Reviewers
• Visioning & Moving Forward
• Challenges & Sustainability
Editorial Team

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History & Background

• JeSLIB launched in 2012
• “e-Science” – What in the world does this mean?
  o Expansion of library services to include
    • Management
    • Curation
    • Dissemination
    • Large and small scale research
  o Collaboration among computationally intensive science disciplines
  o Data/data sets then captured, transported, stored, organized, accessed, mined, visualized, and interpreted
• Role for librarians: characterized by interdisciplinary research collaboration and the collection, organization, and management of data.
• JeSLIB’s mission: Advancing the theory and practice of librarianship with a special focus on services related to data-driven research in the physical, biological, social, and medical sciences, including public health.
Journal of eScience Librarianship
JeSLIB
2161-3974 (Online)

Homepage
Publisher: University of Massachusetts Medical School, Lani Soutter Library
Country of publisher: United States
Platform/Host/Aggregator: BePress Digital Commons
Date added to DOAJ: 6 Dec 2012

LCC Subject Category: Bibliography, Library science, Information resources
Publisher's keywords: eScience librarianship, research data management, research data curation, research data services, data sharing, data literacy and education
Language of fulltext: English
Full-text formats available: PDF

EDITORIAL INFORMATION
Double blind peer review
Editorial Board
Aims and scope
Instructions for authors
Time From Submission to Publication: 16 weeks

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Article-level metrics: Yes
Deposit policy registered in: Sherpa/Romeo
Electronically embedded licenses? Yes

**RoMEO:** Green journal

**Listed in:** [DOAJ](http://www.doaj.org) as an open access journal

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A Sample of JeSLIB’s Most Downloaded Papers*

• The Role of the Library in the Research Enterprise. Christopher J. Shaffer
  – 4,986 since May 2013

• A Case Study: Data Management in Biomedical Engineering. Glenn R. Gaudette & Donna Kafel
  – 2,626 since March 2013

• Opportunities and Barriers for Librarians in Exploring Data: Observations from the Data Curation Profile Workshops. Jake Carlson
  – 2,166 since 2013

• The Role of Librarians in Data Science: A Call to Action. Elaine R. Martin
  – 1,873 downloads since April 2016

• Research Data Services in Academic Libraries: Data Intensive Roles for the Future? Carol Tenopir, Dane Hughes, Suzie Allard, Mike Frame, Ben Birch, Lynn Baird, Robert Sandusky, Madison Langseth, and Andrew Lundeen
  – 1,672 since December 2015

• A Pilot Competency Matrix for Data Management Skills: A Step toward the Development of Systematic Data Information Literacy Programs. Carol Tenopir
  – 909 since February 2107

• Data Curation Network: How Do We Compare? A Snapshot of Six Academic Library Institutions’ Data Repository and Curation Services. Lisa R. Johnston, Jake R. Carlson, Patricia Hswe, Cynthia Hudson-Vitale, Heidi Imker, Wendy Kozlowski, Robert K. Olendorf, and Claire Stewart
  – 701 since February 2017

• Discovery and Reuse of Open Datasets: An Exploratory Study. Sara Mannheimer, Leila Belle Sterman, and Susan Borda
  – 554 since July 2016
Additional Numbers

• 161 Authors
• 212 Reviewers
• 112 Submissions
• 16 Rejected Submissions
• 8 Withdrawn Submissions
Metrics Infographic

About

- 82 Number of articles published
- 31 Number of eScience in Action papers
- 29 Number of Full-Length papers
- 4 Number of video articles
- 3 Number of book reviews

Speed

- 38 Number of days from submission to acceptance
- 69 Number of days from acceptance to publication

Usage

- 78,104 Number of downloads
- 695 Usage factor (median number of downloads)
- 273 Number of Google Scholar citations to articles
- 44,075 Number of metadata page hits

Impact

- 12 Average Altmetric score
- 93% Percentage of articles discussed via Social Media platforms
- 154 Number of countries

Journal of eScience Librarianship Metrics
All time metrics updated 3/17/2017
Readership Distribution Map
Institution and Country Metrics

### Institutions

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<td>Philippines</td>
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154 Countries
Altmetrics
Social Media

JeSLIB @JeSLIBJournal
Journal of eScience Librarianship. Open Access. Peer Reviewed. Published by @UMMSLibrary. Editors @ElaineMartin2 and @RegRab77.

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February 2017 New Usage Stats: 1,760 full-text downloads! 2 new articles published! Read the latest: buff.ly/2mg7Ngh

New Article: A Pilot Competency Matrix for Data Management Skills @sappnelson #dataliteracy #RDM #datalibs buff.ly/2kpRv4A

June Popular Papers: Video Article: Redefining the Librarian's Role in eScience @libcee dx.doi.org/10.7191/jeslib...
eScience Symposium Reflections from Christopher Erdman... Christopher Erdmann, Head Librarian, Weibach Library, Harvard Smithsonian Center for Astrophysics Video Article in JeSLIB: http://dx.doi.org/10.7191/jeslib.2...
youtubes.com
Twitter Engagement

Lots of research data goodness in current issue of Journal of eScience Librarianship - escholarship.umassmed.edu/jeslib/vol4/is... #datalibs

Great piece on data science from @ElaineMartin2

More solid RDM scholarship from Tenopir et al. - and a nod to @TheDMPTool #datalibs: dx.doi.org/10.7191/jeslib...

Data Curation Network? A Snapshot of Six Academic Library Institutions’ Data Repository and Curation Services:
escholarship.umassmed.edu/jeslib/vol6/is...
Marketing

DataLibs@ner.simplelists.com

Data Science events: meetings, webinars and workshops
Job Opportunities in data science
eScience Community Blog postings
Aims & Scope
Aims & Scope

The *Journal of eScience Librarianship (JeSLIB)* is an open access, peer-reviewed journal advancing the theory and practice of librarianship focusing on services related to data-driven research in science, technology, engineering, math, social sciences, medicine, and public health. *JeSLIB* explores the many roles of librarians in supporting eScience and welcomes articles by contributors from all areas of the globe related to education, outreach, collaborations, policy, tools, and best practices. Submissions covering both theoretical and practical applications are welcomed.

General topics of interest may include but are not limited to:

- Research data management
- Librarians embedded on research teams
- Data services, including policy development
- Data curation
- Data sharing and re-use
- Data management plans
- Data preservation
- Metadata and discoverability
- Institutional and discipline-specific repositories
- Impact of governmental or institutional policies
- Open data, open science and open access
- Data literacy and data education
- Data citation
- Tracking impact of research data, metrics
- Big data
- Visualization
JeSLIB Evolution
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The Journal of eScience Librarianship (JeSLIB) is an open access, peer-reviewed journal advancing the theory and practice of librarianship focusing on services related to data-driven research in science, technology, engineering, math, social sciences, medicine, and public health.
Current Issue: Volume 6, Issue 1 (2017)

Video Article

Data Science Programs in U.S. Higher Education: An Interview with the Authors
Rong Tang and Walinee See-Lim
http://dx.doi.org/10.7161/jeslib.2017.1106

EScience in Action

A Pilot Competency Matrix for Data Management Skills: A Step toward the Development of Systematic Data Information Literacy Programs
Megan R. Sapp Nelson
http://dx.doi.org/10.7161/jeslib.2017.1096

Data Curation Network: How Do We Compare? A Snapshot of Six Academic Library Institutions’ Data Repository and Curation Services
Lisa R. Johnston, Jake R. Carlson, Patricia Hasve, Cynthia Hudson-Vitale, Heidi Imker, Wendy Kozlowski, Robert K. Olen Dorf, and Claire Stewart
http://dx.doi.org/10.7161/jeslib.2017.1102

Review

T. Scott Plutchik
http://dx.doi.org/10.7161/jeslib.2017.1110

Reader from: Stockholm, Stockholms Lan, Sweden
Research Data MANTRA: A Labour of Love
Robbin Rice
JeSLIB Policies
Journal Policies

• About this Journal
  – Aims and Scope: expanded general topics of interest
  – Measuring Impact
  – Publication Statement
  – Browse Issues Archives

• Editorial Policies
  – Peer Review Process

• Guidelines for Authors

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<tr>
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<tr>
<td>Review</td>
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<tr>
<td>Video Article</td>
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<td>Commentary</td>
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*Although items are not peer reviewed, the editors reserve the right to not published submitted papers.
Visioning & Moving Forward
Peer Reviewer Survey

http://data.surveygizmo.com/r/385549_585bc42f564898.58406757

- **Number sent** = 219
- **Respondents** = 27 complete/2 partial = 29
- **Are you in favor of open peer review?**
  - Yes = 14 (51.9%)
  - No = 2 (7.4%)
  - Not Sure = 11 (40.7%)
- **How useful are the "JeSLIB Reviewer Guidelines" to you as a reviewer?**
  - Very useful = 13 (50%)
  - Somewhat useful = 11 (42.3%)
  - Have not used guidelines = 2 (7.7%)
Peer Reviewer Survey
http://data.surveygizmo.com/r/385549_585bc42f564898.58406757

• Would you like recognition for being a peer-reviewer?
  Yes = 19 (70.4%)
  No = 4 (14.8%)
  Not sure = 4 (14.8%)

• If yes, how would you like to be recognized? (Select all that applied)
  o Feedback on the usefulness or quality of your review (15)
  o Acknowledgment on JeSLIB homepage (11)
  o Receive a certificate and a letter recognizing your contribution (6)
  o Reviewer Awards to acknowledging top reviewers (quality, quantity and timeliness) (6)
  o Using Publons http://home.publons.com/ (6)
  o Given a reviewer status (example: Outstanding Reviewer) (4)
  o Annual list/annual list with photos in journal (4)
  o Other – “I want some way to demonstrate that I made a contribution -- part of recognition at my institution is regional/national work, so I like to be able to provide demonstrable work to my supervisors.” (1)
Engaging the Editorial Board

• Meetings
• Communication
• Announcement of articles/issues
• Suggested themes; special issues ideas
• Soliciting papers
• Recruiting reviewers (especially particular areas)
• Different ways to use new technology
Challenges/Opportunities & Sustainability

• Peer Review – getting reviewers; evolving peer review
• Journal title – change?
• Increase journal’s indexing footprint
• Manuscript recruitment
• Editorial resources/staffing resources
• Funding
• Digital preservation
• Possible future services
Thank you!

@JeSLIBJournal

Elaine Martin, D.A., Editor
Regina Raboin, Associate Editor
Julie Goldman, Managing Editor
Lisa Palmer, Distribution Editor
References


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