Journal of eScience Librarianship
putting the pieces together: theory and practice

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

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University of Massachusetts Medical School

NIH U.S. National Library of Medicine
National Network of Libraries of Medicine

Outline of Presentation

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

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History & Background

- JeSLIB launched in 2012
- "e-Science" – What in the world does this mean?
  - Expansion of library services to include
    - Management
    - Curation
    - Dissemination
    - Large and small scale research
  - Collaboration among computationally intensive science disciplines
  - 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.

DOAJ

Journal of eScience Librarianship

JeSLIB
2161-3974 (Online)

Homepage

Publisher: University of Massachusetts Medical School, Lamar 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

PUBLICATION CHARGES

Article Processing Charges (APCs): No.
Submission Charges: No.
Waiver policy for charges? No.

EDITORIAL INFORMATION

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

Less

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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. Megan Sapp Nelson
  - **1,135 since February 2017**
- 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
  - **852 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
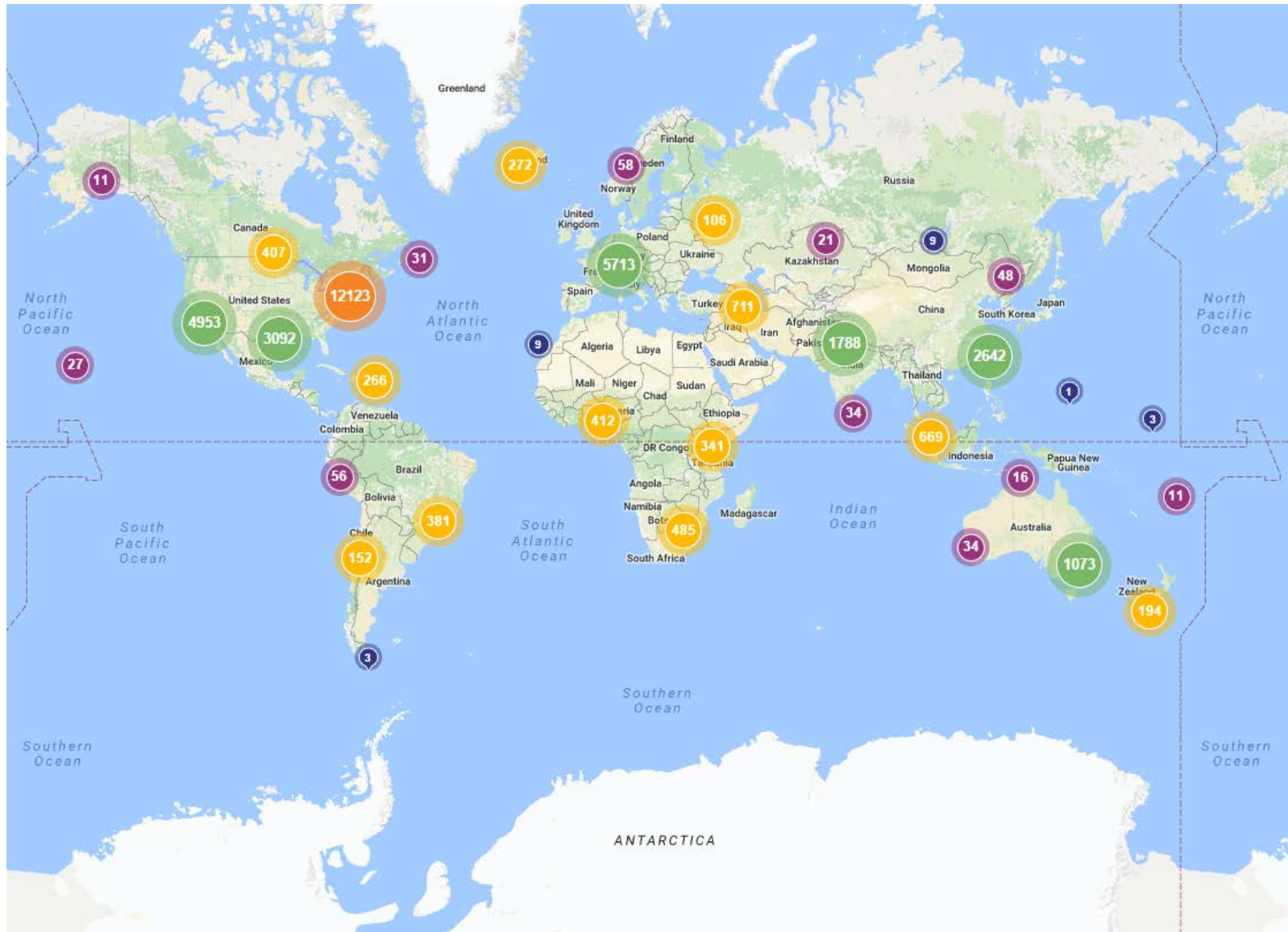
Institution and Country Metrics
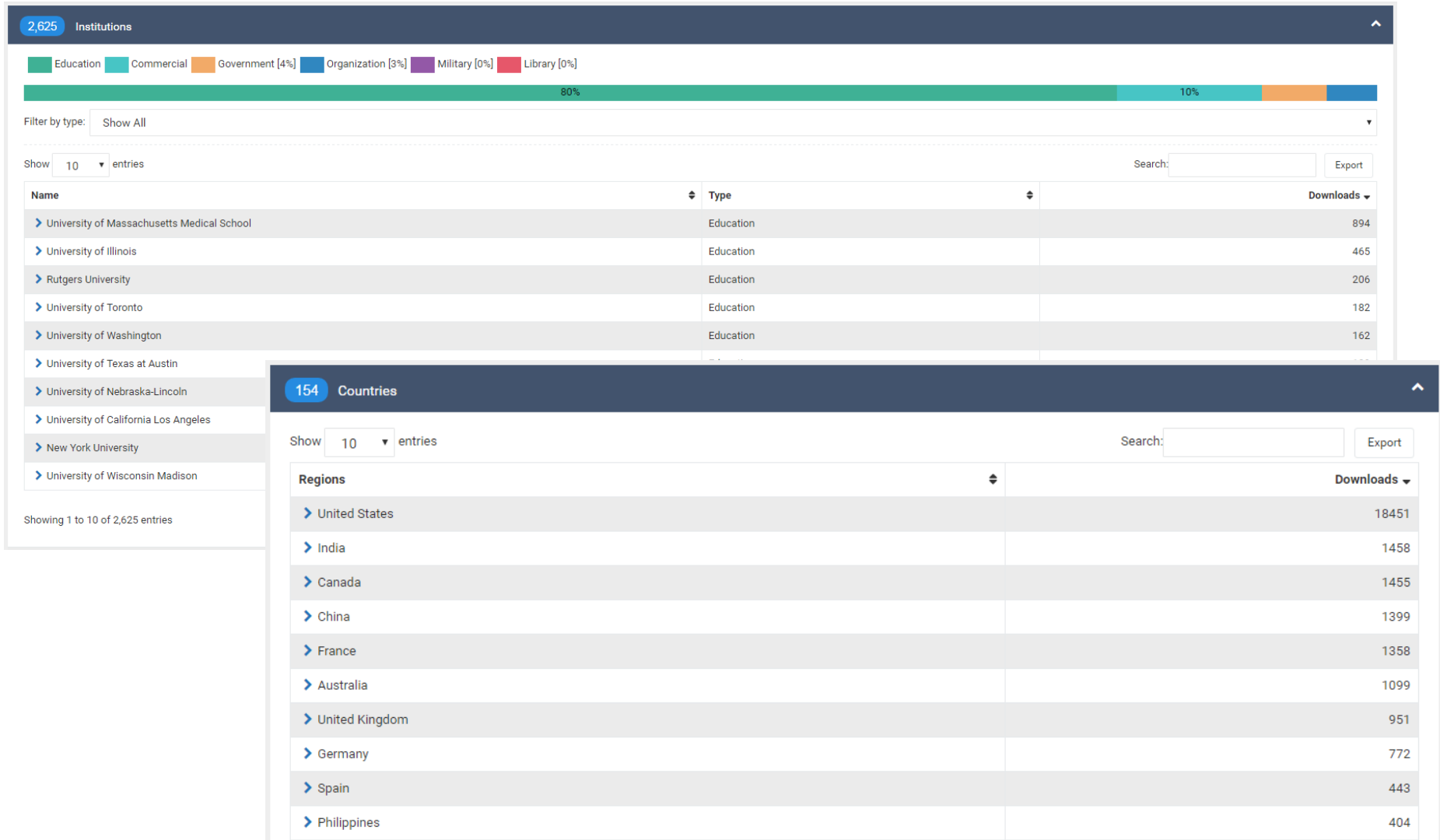
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and Curation Services

Overview of attention for article published in Journal of eScience Librarianship, February 2017

35

SUMMARY	Blogs	Twitter

Title	Data Curation Network: How Do We Comp
Published in	Journal of eScience Librarianship, February
DOI	10.7191/jeslib.2017.1102 ⬏
Authors	Johnston, Lisa R., Carlson, Jake R., Hswe, Pa

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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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Current Issue: Volume 6, Issue 1 (2017)

Video Article

PDF Data Science Programs in U.S. Higher Education: An Interview with the Authors
Rong Tang and Watinee Sae-Lim
http://dx.doi.org/10.7191/jeslib.2017.1105

EScience in Action

PDF 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/10.7191/jeslib.2017.1096

PDF 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
http://dx.doi.org/10.7191/jeslib.2017.1102

Review

PDF Book(s) Review: The Medical Library Association Guide to Data Management for Librarians and Data Management: A Practical Guide for Librarians
T. Scott Plutchak
http://dx.doi.org/10.7191/jeslib.2017.1110

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2017 | Volume 6 Issue 1

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Editorial: The Role of Librarians in Data Science: A Call to Action

Read JeSLIB's call to action for an increased role for librarians in data science in this editorial written by Editor Elaine Martin.

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Current Issue: Volume 6, Issue 1 (2017)

Video Article

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Lisa R. Johnston, Jake R. Carlson, Patricia Hswe, Cynthia Hudson-Vitale, Heidi Imker, Wendy Kozlowski, Robert K. Olendorf, and Claire Stewart
http://dx.doi.org/10.7191/jeslib.2017.1102

Review

📄 PDF   Book(s) Review: The Medical Library Association Guide to Data Management for Librarians and Data Management: A Practical Guide for Librarians
T. Scott Plutchak
http://dx.doi.org/10.7191/jeslib.2017.1110

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Research Data MANTRA: A Labour of Love
Robin Rice

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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

Article Type Policies

	Open Submissions	Peer Reviewed*	Indexed
Editorial	✗	✗	✓
Full-Length Paper	✓	✓	✓
eScience in Action	✓	✓	✓
Letter to the Editor	✓	✗	✓
Review	✓	✗	✓
Video Article	✓	✗	✓
Commentary	✓	✗	✓

*Although items are not peer reviewed, the editors reserve the right to not published submitted papers.

- **Guidelines for Authors**

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!

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

References

- NIH NLM/NNLM New England Region(NER). eScience. "Data Science Supporting Biomedical Research." Date accessed: March 8, 2017 https://nnlm.gov/ner/guides/escience.

- University of Massachusetts Medical School (UMMS). *Journal of eScience Librarianship* (JeSLIB). Date accessed: March 17, 2017. http://escholarship.umassmed.edu/jeslib/.

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