

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 20<sup>th</sup> 2017 Baltimore, MD

Regina Raboin, Associate Editor Julie Goldman, Managing Editor Lisa Palmer, Distribution Editor





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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### Journal of eScience Librarianship

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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



Home Search Browse Subjects Apply News About For Publishers API

### 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

### PUBLICATION CHARGES

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

### Less

OPEN ACCESS & LICENSING Type of License: CC BY-NC-SA License terms Open Access Statement Year Open Access Content Began: 2012 Does the author retain unrestricted copyright? True Does the author retain publishing rights? True

### 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

### BEST PRACTICE POLICIES

Permanent article identifier: DOI Content digitally archived in: Other: bepress Archive Service with Amazon S3 Article-level metrics: Yes Deposit policy registered in: Sherpa/Romeo Electronically embedded licenses? Yes



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Journal of eScience Librarianship [1] (ESSN: 2161-3974) RoMEO: This is a RoMEO green journal Listed in: DOAJ as an open access journal Author's Pre-print: J author can archive pre-print (ie pre-refereeing) Author's Post-print: author can archive post-print (ie final draft post-refereeing) Publisher's Version/PDF: J author can archive publisher's version/PDF General Conditions: · On author's personal website, institutional website or institutional repository Authors retain copyright Creative Commons Attribution Non-Commercial Share Alike 4.0 License Published source must be acknowledged Publisher's version/PDF may be used On a non-profit server Must link to publisher version with DO Mandated OA: (Awaiting information) Notes: Publisher last contacted on 11/11/2016 All titles are open access journals Copyright: Example Policy Updated: 11-Nov-2016 - Suggest an update for this record Link to this page: http://sherpa.ac.uk/romeo/issn/2161-3974/ Published by: University of Massachusetts Medical School - Green Policies in RoMEO Footnotes: 1. Alternative Journal URLs: (a) http://escholarship.umassmed.edu/jeslib, (b) http://escholarship.umassmed.edu/jeslib/ This summary is for the journal's default policies, and changes or exceptions can often be negotiated by authors.

All information is correct to the best of our knowledge but should not be relied upon for legal advice.

### 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

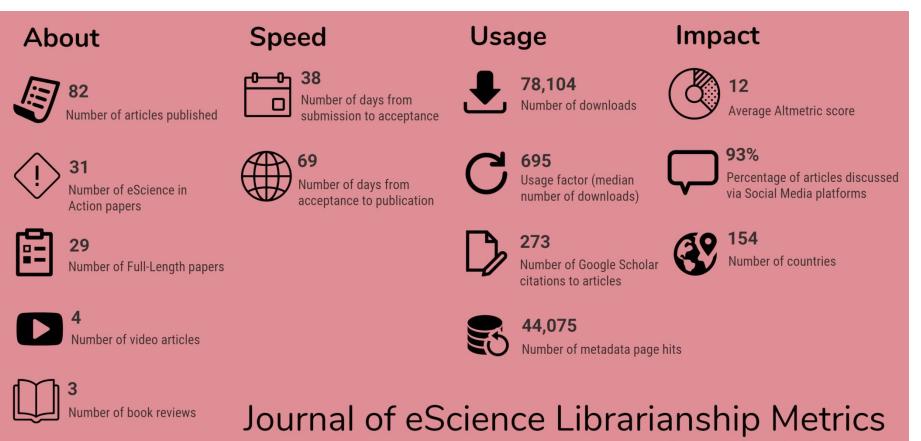
- 852 since February 2017

- 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**



All time metrics updated 3/17/2017

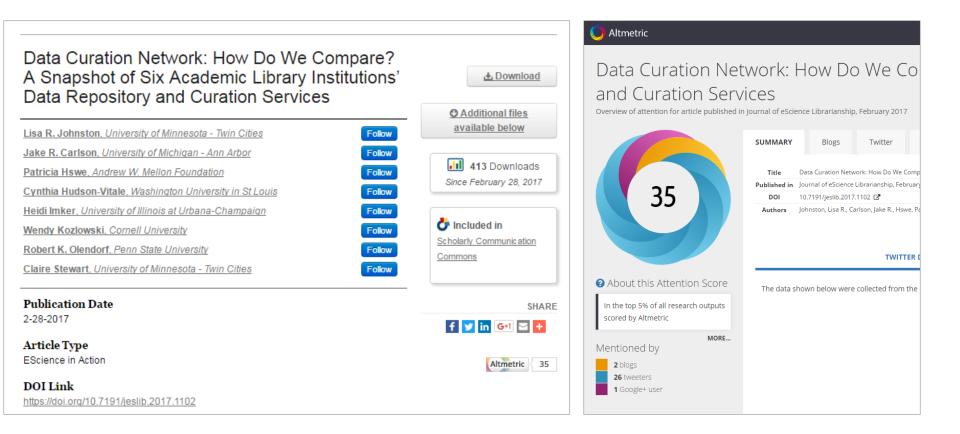
### **Readership Distribution Map**



### Institution and Country Metrics

2,625 Institutions				^
Education Commercial Governme	ent [4%] Organization [3%] Military [0%] Library [0%]			
	80%		1	0%
Filter by type: Show All				Ŧ
Show 10 • entries			Search:	Export
Name		🗢 Туре	\$	Downloads 👻
> University of Massachusetts Medical School		Education		894
> University of Illinois		Education		465
> Rutgers University		Education		206
> University of Toronto		Education		182
> University of Washington		Education		162
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	> India			145
	> Canada			145
	> China			139
	> France			135
	> Australia			109
	> United Kingdom			95
	> Germany			77
	> Spain			44
	> Philippines			40

### Altmetrics



## Social Media



**JeSLIB** @JeSLIBJournal

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- Worcester, MA
- S escholarship.umassmed.edu/jeslib
- ill Joined September 2015

TWEETS	FOLLOWING	FOLLOWERS	LIKES
227	237	163	192



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June Popular Papers: Video Article: Redefining the Librarian's Role in eScience @libcce dx.doi.org/10.7191/jeslib...



eScience Symposium Reflections from Christopher Erdman... Christopher Erdmann, Head Librarian, Wolbach Library, Harvard Smithsonian Center for Astrophysics Video Article in JeSLIB: http://dx.doi.org/10.7191/jeslib.2...

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

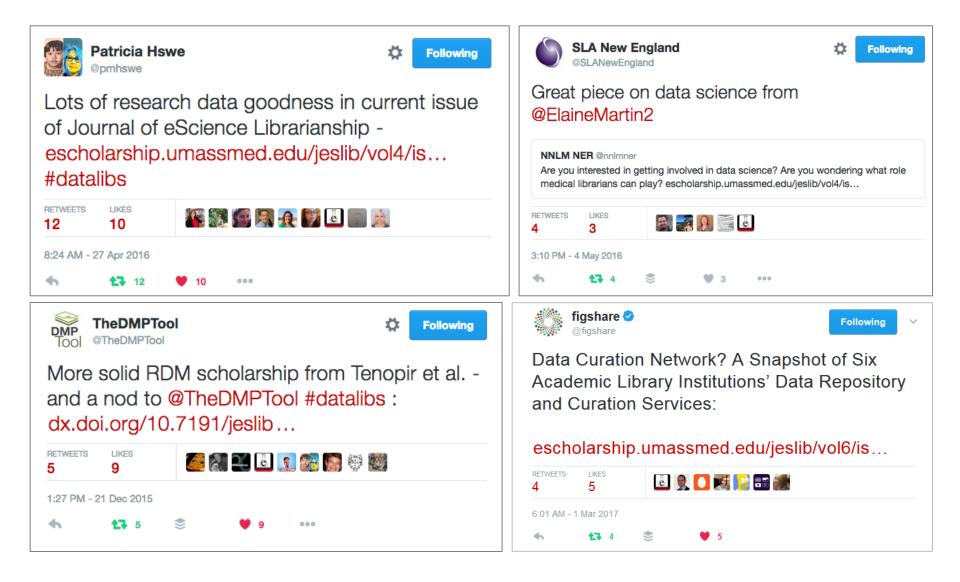




New Article: A Pilot Competency Matrix for Data Management Skills @sappnelson #dataliteracy #RDM #datalibs buff.ly/2kpRv4A

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## **Twitter Engagement**



### Marketing



Home About e-Science Portal for New England Librarians

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Just published: Journal of eScience Librarianship	New Issue of Journal of eScience Librarianship	New Video Articles in @JeSLIBJournal
special issue on data literacy	🔔 JULE 🛅 OCTOBER 23, 2015 💗 (0) COMMENTS	AULE III JUNE 15, 2016 🥥 (0) COMMENTS
🔔 JEN FERGUSON 🏢 JANUARY 12, 2015 🔍 [0] COMMENTS	The latest issue of the Journal of eScience Librarianship has been published! The issue's focus is	The Journal of eScience Librarianship has published two video articles featuring interviews
The latest issue of the Journal of eScience Librarianship (JESLIB) has just been published! It is available at http://escholarship.umassmed.edu/jeslib/voi3/isst/	on "Targeting and Customizing Research Data Management Services (RDM)," The full issue is available at http://ecichilanship.umasomed.edu/jesibl/volq/tsst/. Check it out! Table of Contents Volume 4, issue 1(2015)	The Journal of Escence cultural instances pay puosingly two stocks resulting interviews from presenting at the 2016 decine Symposition. The Interviews Return Christopher Erdmann and Jian Qin sharing their experiences attending and presenting at the symposium. Read and view the full articles: http://jescholarship.umassmed.edu/jeslb/volg/ssi
Table of Contents	Editorial	
Volume 3, Issue 1 (2014)	Targeting and Customizing Research Data Management Services (RDM) Elaine R. Martin	eScience Symposium Reflections from Christophe 3 A
Editorial	http://dx.doi.org/10.7191/jeslib.2015.1086	
What is Data Literacy?	Full-Length Papers	
Elaine R. Martin	Differences in the Data Practices, Challenges, and Future Needs of Graduate Students and	7
http://dx.doi.org/10.7191/jeslib.2014.1069	Faculty Members	Journal of eScience Librarianship
Full-Length Papers	Travis Weiler and Analia Manroe-Culick http://dx.doi.org/10.719.1/jesib.2015.1070	Velos Arche: eScience Symposium Perfections from Chelappher Erdmann
Planning Data Management Education Initiatives: Process, Feedback, and Future Directions Christopher Eaker	Required Data Management Training for Graduate Students in an Earth and Environmental Sciences Department	University of Massachusetta Modical School, Lamar Soutter Library, Worcester MA
http://dx.doi.org/10.7191/jeslib.2014.1054	Bonnie L. Fong and Minglu Wang http://dx.doi.org/10.7191/jesilb.2015.1067	Read the article transcript: http://dx.doi.org/10.7191/jeslib.2016.1093

### 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



### Recent Content Editorials

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- A FOF Entended with the Bolentists. The LCLA Experience Lita B. Fezerar Mayhor dalang TD 71910ekia 2013 1038

### Full-Length Papers

- Prov. Discovery and Receive of Open Datasets: An Experiatory Dioly dem Biters/Venture: Lens Belly: Service: and Essay Bands http://dx.doi.org/10.7191/jes49.2315.1031
- Assessment of and Response to Data News Beyond ergithil elevanti 7 Australi Biotelle 7, Bernard Carolie Bonen, and Plasade Carole Allien Mgu/do.doi.org/10.7197.deale.2018.1090
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### EScience in Action

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- The New England Collatorative Data Manage Canadian Experience Manicronics http://doi.org/10.7151/desite.2014.1081

### Commentary

Artor Thought on "eligeneanty" a Scientist's Perso Artorno L. Mintonio http://dx.doi.org/10.715104688.2013.1045

- A TOP Book Revew Date Vanagement for Relearchers, Organice, Martan and D Research Success
- If sold 17 Mark http://dx.doi.org/10.7101(peaklo 2015.1088
- Ramaki Abart http://dx.doi.org/10.7114/Jee30.2012.1007

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### SPECIAL ISSUES:

Special issue: Data Literacy: Highlighting the Use of the New England Collaborative Data Management Curriculum (NECDMC)

Special Issue: Role of the Informationist or Embedded Librarian in the Scientific Research Process

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### Tweets by @JesuBJournal

JaSLIB Retweeted Cynthia Vitale Interested in learning how 6

institutions compare in curating data? Read below!

### JeSLIB Retweeted

### figshare o

@figshate Data Curation Network? A Snapshot of Six Academic Library







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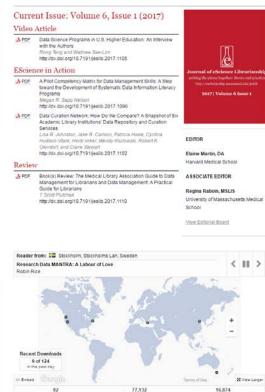


JeSLIB explores the many roles of librarians in supporting eScience and data science. Publishing in JeSLIB provides authors with the benefits of open access, wide exposure, evidence of impact, and innovation. Submit today!

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### SPECIAL ISSUES:

Special Issue: Data Literacy: Highlighting the Use of the New England Collaborative Data Management Curriculum (N<u>ECDMC</u>) The Journal of eScience Librarianship (JeS practice of librarianship focusing on services social sciences, medicine, and public health.



Editor Elaine Martin.

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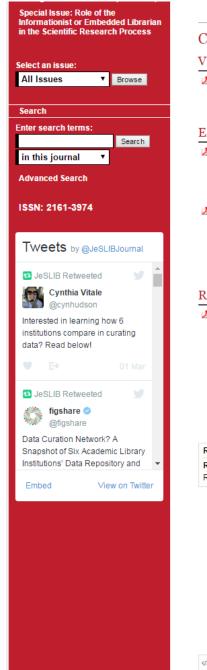
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### Current Issue: Volume 6, Issue 1 (2017)

### Video Article

```
Data Science Programs in U.S. Higher Education: An Interview
with the Authors
Rong Tang and 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



2017 | Volume 6 Issue 1

### EDITOR

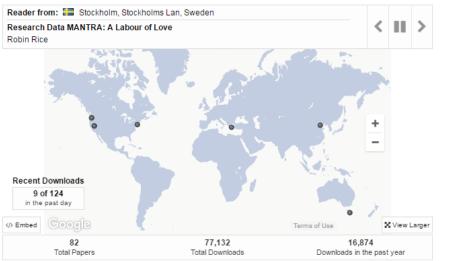
### Elaine Martin, DA

Harvard Medical School

ASSOCIATE EDITOR

Regina Raboin, MSLIS University of Massachusetts Medical School

View Editorial Board



### **JeSLIB** Policies

## **Journal Policies**

Article Type Policies

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

- Editorial Policies
  - Peer Review Process

	Open Submissions	Peer Reviewed*	Indexed	
Editorial	×	×	1	
Full-Length Paper	1	1	1	
eScience in Action	1	1	1	
Letter to the Editor	1	×	1	
Review	1	×	1	
Video Article	1	×	1	
Commentary	4	×	1	
*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)

- Feedback on the usefulness or quality of your review (15)
- Acknowledgment on JeSLIB homepage (11)
- Receive a certificate and a letter recognizing your contribution (6)
- Reviewer Awards to acknowledging top reviewers (quality, quantity and timeliness) (6)
- Using <u>Publons</u> http://home.publons.com/ (6)
- Given a reviewer status (example: Outstanding Reviewer) (4)
- Annual list/annual list with photos in journal (4)
- 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



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# Thank you!

### @JeSLIBJournal

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 <u>https://nnlm.gov/ner/guides/escience</u>.
- University of Massachusetts Medical School (UMMS). Journal of eScience Librarianship (JeSLIB). Date accessed: March 17, 2017. <u>http://escholarship.umassmed.edu/jeslib/</u>.

# Funding

This project has been partially funded by the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, initiated under Contract No. HHS-N-276-2011-00010-C with the University of Massachusetts Medical School, and continues with partial funding from Cooperative Agreement Number UG4LM012347 with the University of Massachusetts Medical School.