

Towards a Librarian-Led RDM Academy

Understanding the role
librarians can play in training
researchers about research data
management

Jean P. Shipman
VP, Global Library Relations, Elsevier
2019 Researcher to Reader Conference

Is there a need for such an Academy?

A question explored...
via a
needs assessment
and a
training inventory



Why an Academy?

- Librarians have transferable organizing skills
- Librarians support researchers
- Librarians monitor compliance & impact
- Librarian roles continue to change; Informationist model
- Why not have librarians as trainers of FAIR RDM principles?
- Need own skills honed



RDMLA Partnership Formation

- Me, Jean Shipman, health sciences librarian for 37 years; director for 18
- Elaine Martin, BD2K Foundations course creator & NLM NNLM NER Data Bootcamp series
- Team of greater Boston librarians seeking funding to create an RDM librarian training program.
- **Common interests = RDMLA idea genesis.**

Timeline

2018-04-23 - 2018-09-04

Instrument

19 questions developed by Elsevier and Harvard Medical School

Distribution

Relevant groups via:

- Email
- Library Connect blog post
- Listservs
- Word of mouth
- Conferences & events



Responses

241 responses collected by 2018-09-04

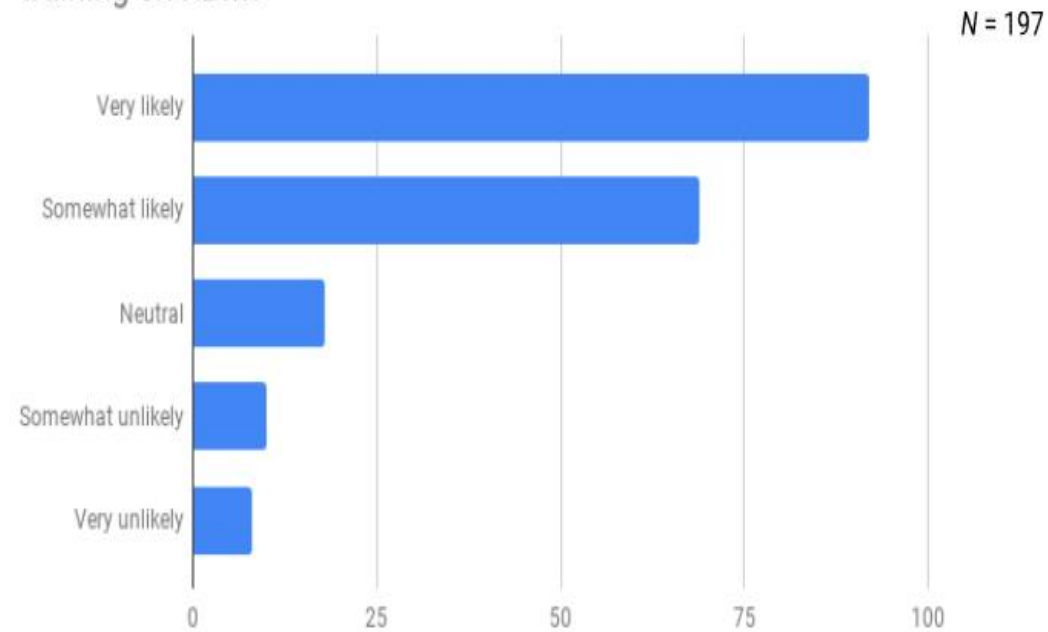
Majority of responses during May 2018

Qualitative, open-answer responses hand-coded; 628 open-answer responses

Survey

Needs
Assessment

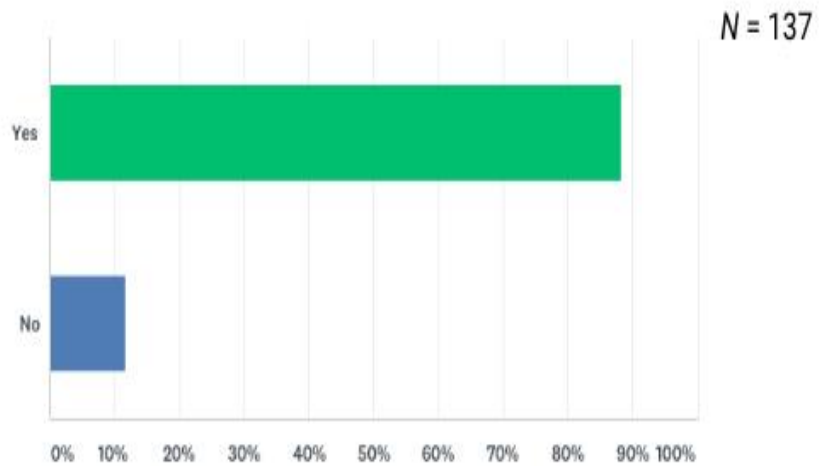
Q4 + Q8. How likely would you be to participate in online training on RDM?



Survey

Needs
Assessment

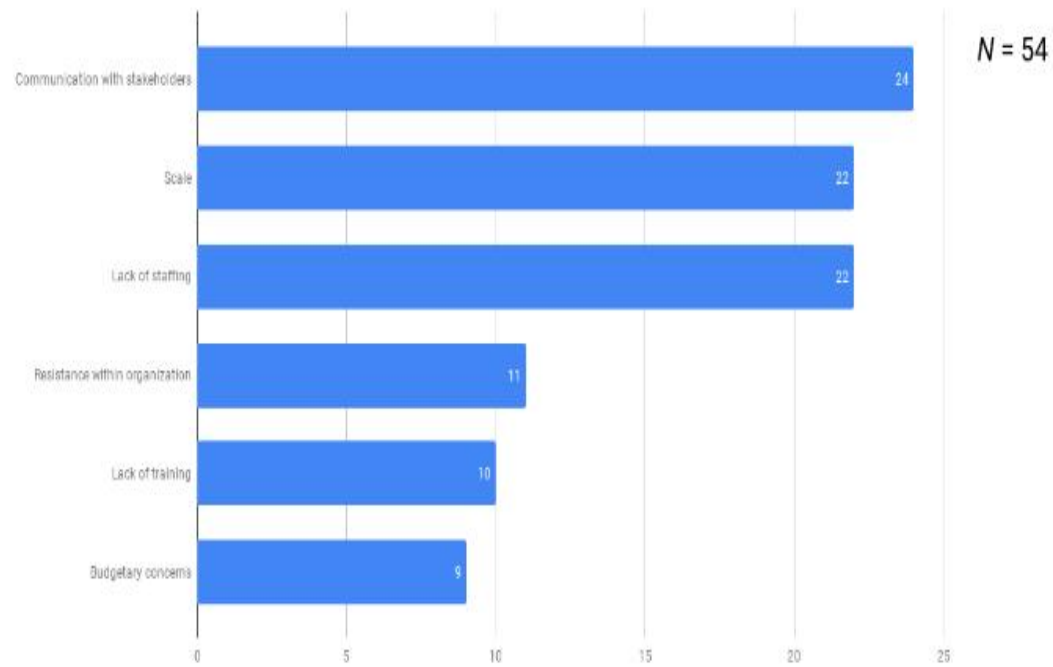
Q3 Do you wish you had a more formal role with RDM?



Needs
Assessment

Survey

Q17 What challenges does your institution face in offering [RDM] services?



Survey

Needs
Assessment

Competencies Scan; Inventory of Data Science Training & Curricula

- Competencies Scan
 - Analyzed 44 Position Descriptions
 - Examined 16 Websites of 14 data-related groups
- Training Opportunities
 - Analyzed 164 training programs (MOOCs, Webinars, & Workshops)
- Formal Data Science Curricula
 - Courses/Programs **outside LIS**: 22 courses/programs from 13 universities
 - **ALA accredited programs**: 25 courses from 14 schools
 - **iSchools**: 165 courses from 45 iSchools



Job Description Competencies

<https://rdmla.github.io/home>

⌋

- Six respondents (5 NOAM, 1 Europe)
- All offered RDM courses
 - Data analytics
 - Data capture
 - Data visualization
 - Data & text mining
 - Data science & management
- Courses offered online, in-person, or hybrid
- Overlapping results between Educator Survey and ALA/LIS schools' RDM curricula review

Survey & Course
Review Results

LIS Educator
Analysis

Develop the RDMLA curriculum

Work via contractual relationships with partners

Partner with Simmons University for:

- online delivery
 - obtaining CE credits and/or a certificate
- RDMLA launch in late Summer 2019

Develop Content & Credits



Next Steps



Want to Know More?

How Do I Find Out More About the RDMLA?

- Library Connect article
<https://bit.ly/2r1YHFi>
 - RDMLA GitHub website
<https://rdmla.github.io/home/>
 - Contact the RDMLA partners
 - Conference presentations and posters
 - Email me j.shipman@elsevier.com
-



Is RDMLA just for librarians?

...No, also for:

- Researchers
- Students
- Publishers
- Vendors
- Any one who speaks English across the globe



It Takes a Village

Thank you!

Questions?