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.
Survey

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

- Very likely: [High bar]
- Somewhat likely: [Moderate bar]
- Neutral: [Medium bar]
- Somewhat unlikely: [Low bar]
- Very unlikely: [Lowest bar]

N = 197

Survey

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

Yes: N = 137

Needs Assessment

Survey
Survey Needs Assessment

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

- [ ] Communication with stakeholders: 34
- [ ] Data: 22
- [ ] Lack of staffing: 22
- [ ] Resistance within organization: 11
- [ ] Lack of training: 14
- [ ] Budgetary concerns: 9

N = 54
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

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
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
Want to Know More?

How Do I Find Out More About the RDMLA?

• Library Connect article
  https://bit.ly/2r1YHF1
• 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
Thank you!

Questions?

It Takes a Village