



Research Data Management Librarian Academy



Jennifer Pamphile
Collaboration Manager
Elsevier



Ashley Thomas
RDMLA Librarian
Countway Library, HMS

ALCTS Webinar

May 27, 2020 | 11:00 PST/1:00 CST/2:00 EST

Hosted by ALCTS, the Association for Library Collections
and Technical Services



RESEARCH DATA MANAGEMENT LIBRARIAN ACADEMY

Before We Begin...A Quick Poll

Are you familiar with RDMLA and if so, would you recommend it?



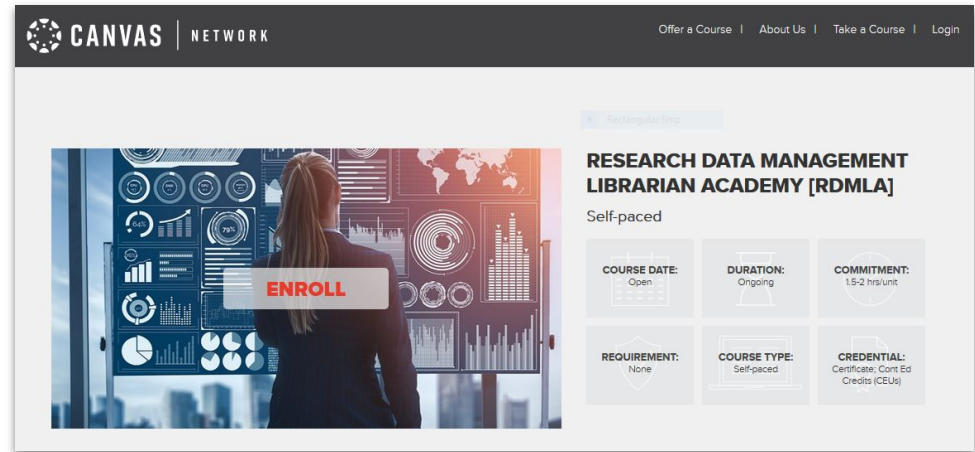
Agenda

1. RDMLA Background
2. RDMLA Course Modules/Units Review
3. Unit Demo
4. RDMLA: What's Next?
5. Wrap-Up

RDMLA Background

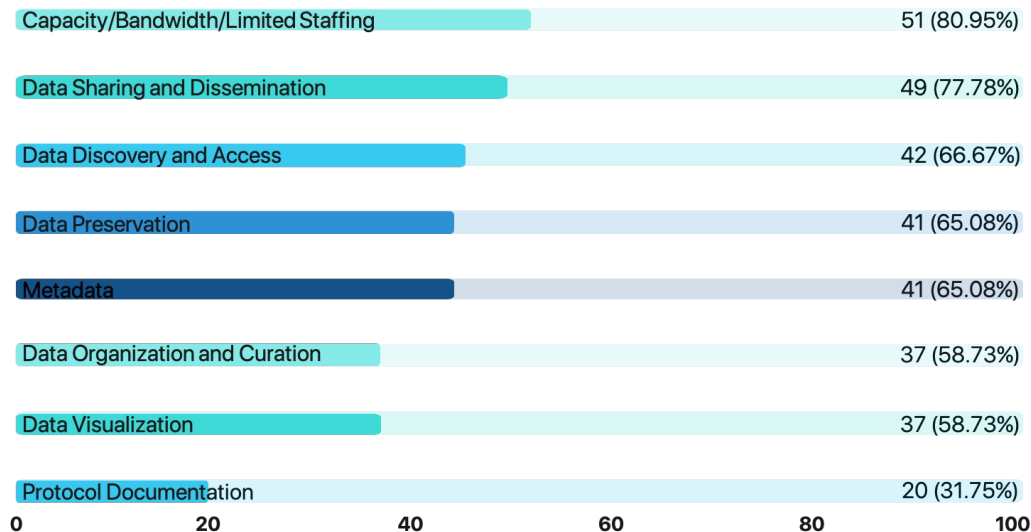
What is RDMLA?

- An online education program offering individuals an opportunity to learn about research data management practices
- Developed in partnership with industry, teams of librarians and LIS faculty who have expertise with RDM
- Filling in a gap in RDM training



Why RDMLA: The Need

Challenges Librarians Face in RDM Service Provision (n=56)



- From May through September 2018, gauged perceptions about RDM/RDM training.
- **241 respondents** to the **19 question** survey developed by Elaine Martin and Jean Shipman, ranked the following **challenges libraries and librarians face in RDM service provision.**

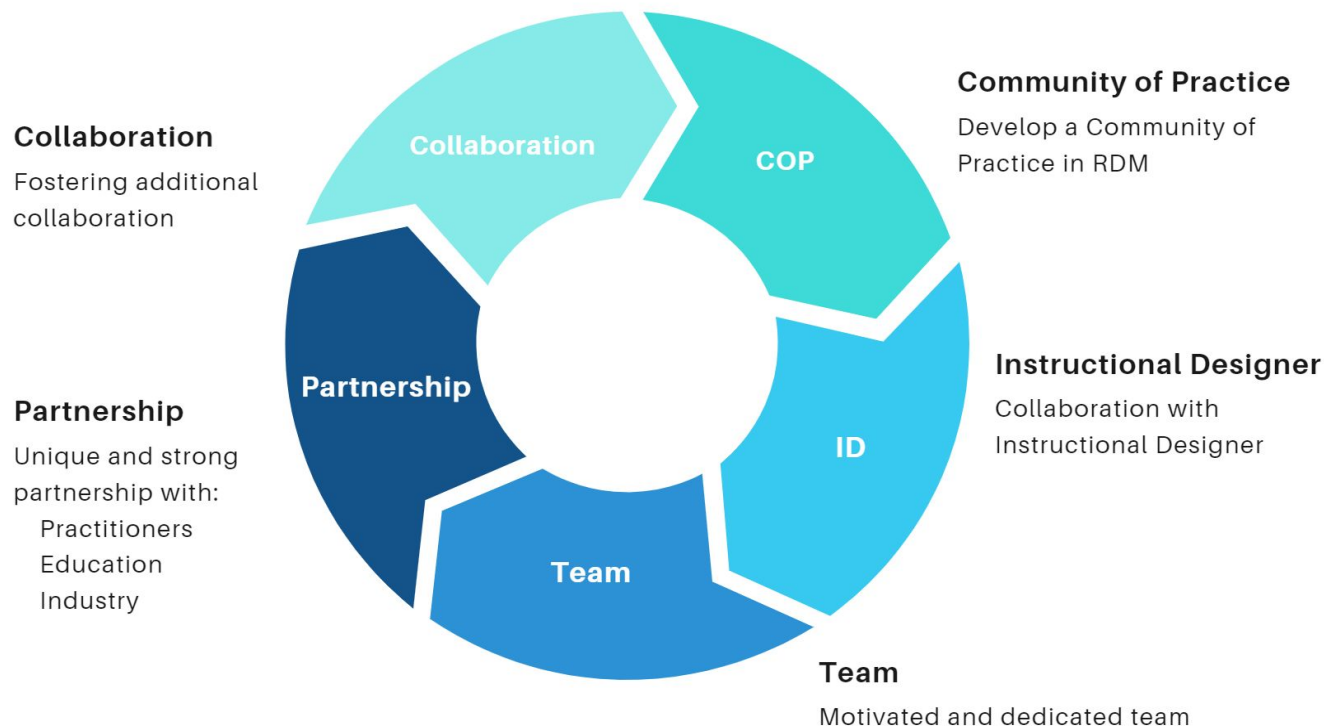
Why RDMLA: Creation

- RDMLA was created for the **practicing librarian** to **enhance** their skill sets so they can be part of research teams.
 - Help librarians transfer their **content organizational and descriptive talents to data** at different phases of the research lifecycle.
- RDMLA can be utilized by researchers wishing to learn more about **RDM foundations and related software and tools**.
 - Help researchers understand how they can benefit from having a team member (librarian) who can **organize and describe data effectively**.

Why RDMLA: Value Added

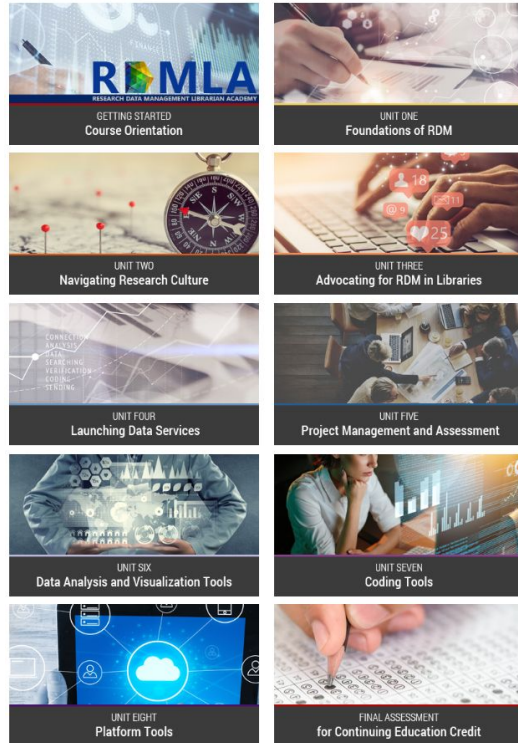
- Extremely valuable resource for **practicing librarians to tool or retool** themselves on RDM practices and projects.
- A valuable source for **educators teaching RDM courses** in LIS programs.
- Researchers/research leaders can **understand the role of librarians** in supporting RDM planning, executing grants/projects, and involvement in data curation, archiving, and reuse.

Recipe for Success



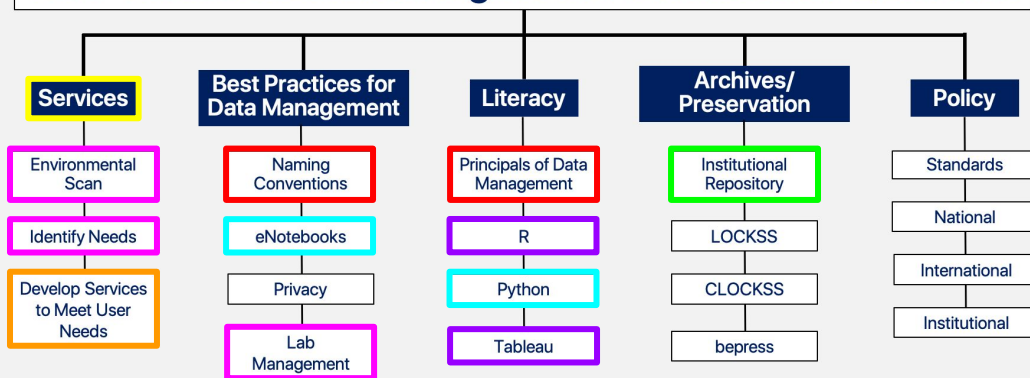
RDMLA Units Walkthrough

RDMLA on Canvas Network



- The Academy offers **eight** units, which can be taken in sequence or out of order.
- All units are hosted online via the Canvas Network platform under **CC-BY-NC-SA** licensing.

User-Centered Data Management Framework for Librarians



Community of Librarians



Foundation Units

- **Unit 1: Foundations of RDM**
 - Evaluate research workflows in terms of the data lifecycle and the information professional's role.
- **Unit 2: Navigating Research Culture**
 - Identify specific ways to navigate the culture and challenges of Team Science.



Service Units

- **Unit 3: Advocating for RDM in Libraries**
 - Compare common successful and unsuccessful strategies for advocating for RDM services.
- **Unit 4: Launching Data Services**
 - Describe the stakeholders and groups to consider when launching and managing data services in libraries.
- **Unit 5: Project Management & Assessment**
 - Outline the key elements of every project plan.



Tools Units

- **Unit 6: Data Analysis and Visualization**
 - Identify how R and Tableau are useful for data analysis and visualization.
- **Unit 7: Coding Tools**
 - Develop the expertise to produce data visualizations using Python and Jupyter.
- **Unit 8: Platform Tools**
 - Identify what platforms should be implemented and when.



Continuing Education (CE) Credits

RDMLA has partnered with Simmons University SLIS to offer **optional** continuing education (CE) credits upon completion of the CE credits test.

- Must complete **all** units of the RDMLA course
- Test is comprised of 25 questions and is based on the materials discussed in the course units
- Administration fee of ~~\$100 USD~~ \$50 USD (limited time discount)
- Two attempts to pass the test with a 75% or higher
- Successful test takers will receive a certificate recognizing their three CE credits

(A Very Brief) Unit 1 Demo



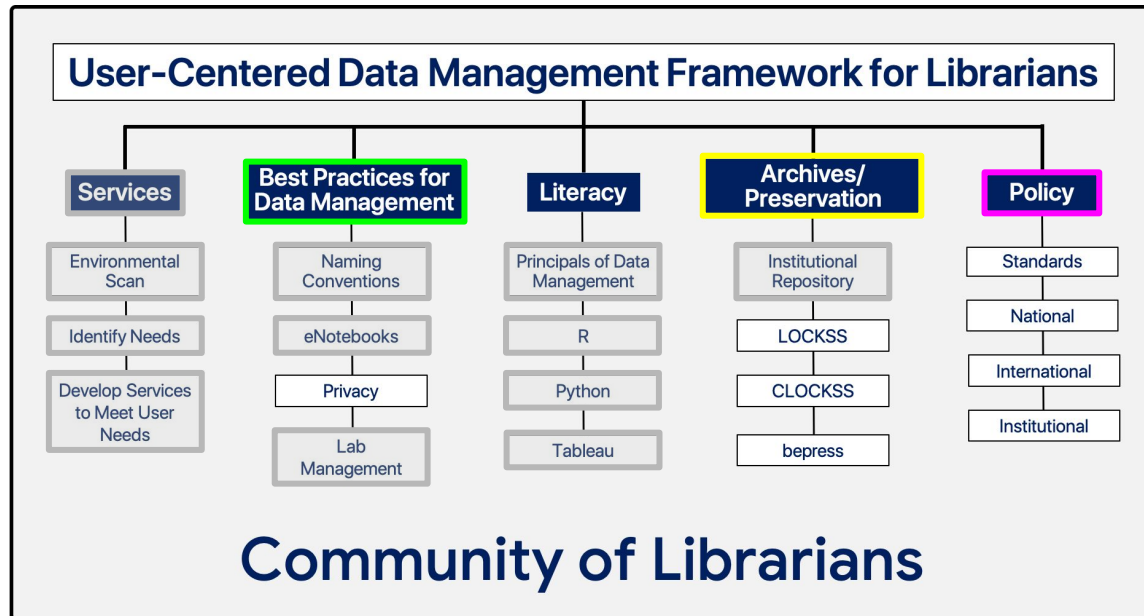
Usability Study

- Overview of Usability Sessions
 - **Online remote usability sessions** with 42 participants ran from September 3 to December 12, 2019.
 - 41 online sessions were video recorded and **user feedback, suggestions, and comments were collected.**
- Course Improvements and Revisions
 - RDMLA team **reviewed the entirety of the course** to correct spelling, syntax, and consistency errors per participant comments.
 - Participant **feedback was sent to instructors** who performed a review of their unit/s and developed quick fixes based off of user comments.

RDMLA: What's Next?

- Adding new units to RDMLA:
 - Data Copyright (in process, instructed by Scott Lapinski)
 - *Data Ethics* (2021)
 - *Data Curation and Archiving* (late 2020/early 2021)
- Partnership with **DataONE**
 - New unit instructed by Amber Budden, Ph.D.
 - “Delivering Data Management Training: A Guide to DataONE Resources”
- Exploring international partnership for translations for multilingual versions
 - Partnership with **National Taiwan University Library** exploring a Traditional Chinese language translation

Continuing to Address Needs



- New Units:
 - Data Copyright
 - Data Ethics
 - Data Curation and Archiving

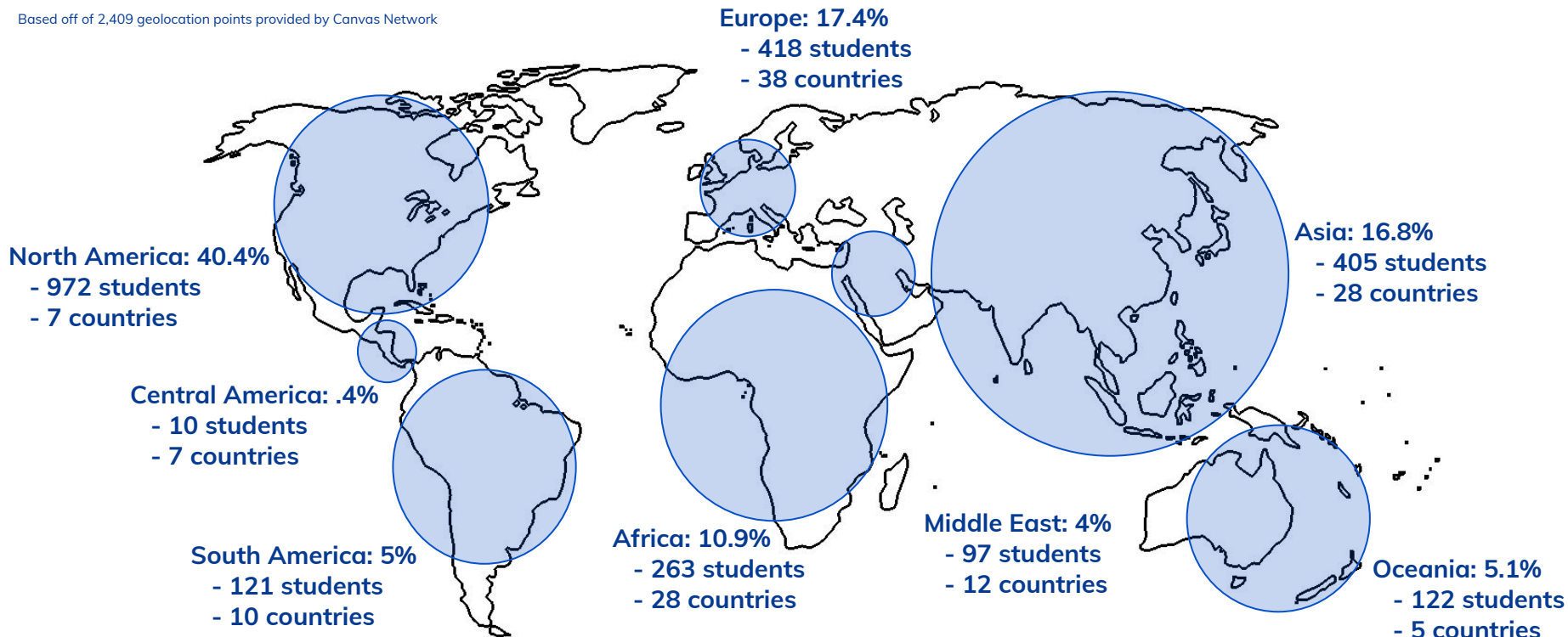
Success Metrics to Date

October 7, 2019 to May 27, 2020

- Active Students: **3,199**
- Discussion Forum Posts: **1,444**
- Course Completion Badges: **192**
- CE Certificates: **15**

Where are RDMLA Learners From?

Based off of 2,409 geolocation points provided by Canvas Network



As We Conclude...A Quick Poll

Does the RDMLA content meet your RDM needs?



Check out the Course at:
canvas.net/browse/simmonsu/courses/research-data-management

Please help us spread the word!



Questions?



rdmla.github.io



[@TheRDMLA](https://www.facebook.com/TheRDMLA)



[@The_RDMLA](https://twitter.com/The_RDMLA)