



Research Data Management Librarian Academy

Establishing a Global Community of Practice in Research Data Management

EAHIL 2021 Virtual Workshop

Section 5: Data and Research

July 7, 2021 | Time: 10:30 CET

Presented By: Elaine Martin and Rong Tang

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
 - 15 partners and growing
- Filling a gap in RDM training
- Financially funded by Elsevier

The screenshot shows the Canvas Network interface. At the top, there's a navigation bar with links for 'Offer a Course', 'About Us', 'Take a Course', and 'Login'. Below the navigation is a search bar with the placeholder 'Search Courses...'. The main content area features a large image of a person looking at a digital dashboard filled with various data visualizations like charts and graphs. Overlaid on this image is a red 'ENROLL' button. To the right of the image, the course title 'RESEARCH DATA MANAGEMENT LIBRARIAN ACADEMY [RDMLA]' is displayed in bold capital letters. Below the title, it says 'Self-paced'. To the right of the title are three boxes containing course details: 'COURSE DATE: Open', 'DURATION: Ongoing', and 'COMMITMENT: 1.5-2 hrs/unit'. Below these are two more boxes: 'REQUIREMENT: None' and 'COURSE TYPE: Self-paced'. At the bottom right is a box for 'CREDENTIAL: Cont Ed Credits (CEUs)'. The entire course card has a light gray background.



Success Metrics to Date

October 7, 2019 to June 10, 2021

- Active Students: **5,234**
- Discussion Forum Posts: **2,611**
- Course Completion Badges: **416**
- CE Certificates: **41**

RDMLA on Canvas Network



- The Academy currently offers **eleven** 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.

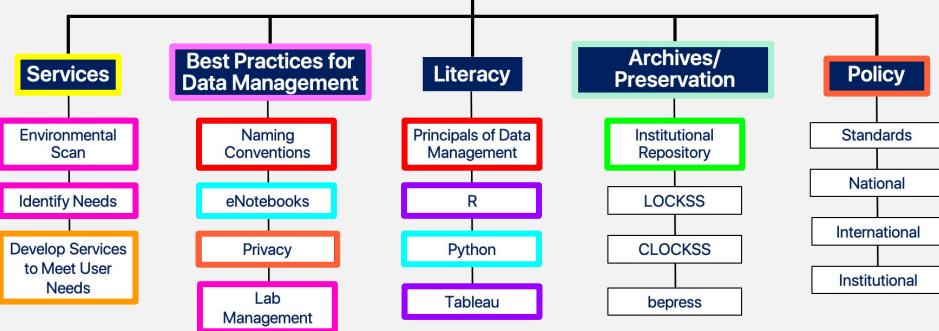
Unit Structure Components

- Welcome
- Overview and Objectives
- Faculty Profiles
- Video Lectures
- Readings
- Exercises/Case Studies
- Quizzes

The screenshot shows a list of components for Unit 1: Foundations of RDM. The components are:

- Unit 1: Welcome
- Unit 1: Overview and Objectives
- Unit 1: Video Overview
- Unit 1: Faculty Profiles
- Unit 1: Preliminary Reading and Resources
- Data Life Cycle: Wrap-Up
- Exercise 4: Data Management Plan (DMP) (Quiz)
0 pts
- Unit 1: Summative Assessment (Quiz)
10 pts
- Unit 1: Additional Readings and Resources
- End of Unit 1

User-Centered Data Management Framework for Librarians



Community of Librarians



UNIT ONE
Foundations of RDM



UNIT TWO
Navigating Research Culture



UNIT THREE
Advocating for RDM in Libraries



UNIT FOUR
Launching Data Services



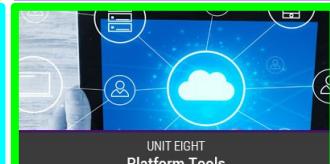
UNIT FIVE
Project Management and Assessment



UNIT SIX
Data Analysis and Visualization Tools



UNIT SEVEN
Coding Tools



UNIT EIGHT
Platform Tools



UNIT NINE
Delivering Data Management Training



UNIT TEN
Data Copyright, Licensing, and Privacy



UNIT ELEVEN
Data Curation and Archiving

Community of Practice

Growing the RDMLA community of practice through:

1. New units addressing more areas of the framework
 - a. Developing mini-modules to address time-sensitive topics in RDM
2. Translation efforts to reach a broader learning groups
3. Community meetings to gather input and foster new collaborations
 - a. Monitor trending topics in RDM
 - b. Experiment with designs for new training delivery models

Network of Communities



Unit and Mini-Module
Instructors

RDMLA
Leadership

Simmons CE
Coordinator

RDMLA Staff

Canvas
Coordinator

RDMLA

National Taiwan University
Library Translation Team

Types of Partner Institutions

Government Agencies

- National Institutes of Health
- National Library of Medicine

Academic Institutions

- Harvard Medical School
- Harvard University
- Simmons University
- Tufts University
- Boston University
- Northeastern University
- Brown University
- MCPHS University
- Indiana University-Purdue University, Indianapolis

Data-Oriented Organizations

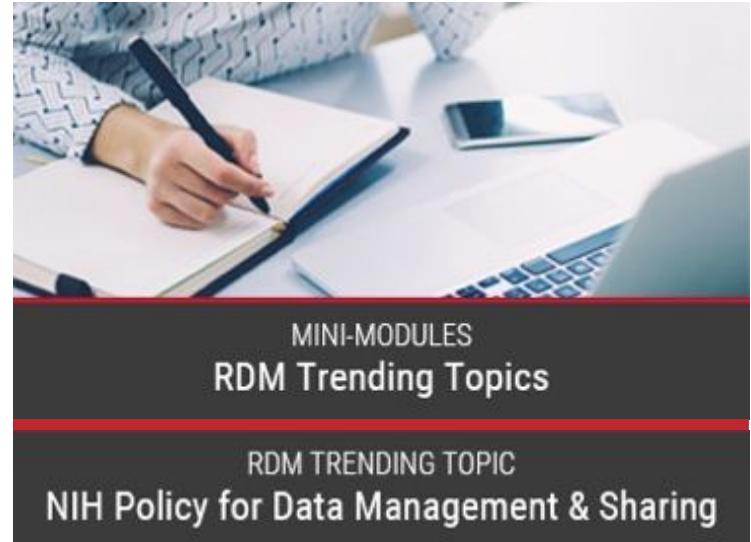
- DataONE
- Elsevier

Partner Institutions' Roles

- The role of institutional partners includes:
 - Advisory
 - Teaching/Instruction
 - Brainstorming
 - Development of RDMLA course content (units and mini-modules)
 - Strategic planning (envisioning and implementing growth)
 - Attend community meetings
 - Provide expert feedback
 - Provide evaluations of course projects

Upcoming Mini-Modules

- Focus on pressing and timely RDM topics
 - One-hour video with accompanying open-source readings
 - Not static, content will either be updated or removed and archived
- NIH Policy for Data Management and Sharing mini-module launches July 2021
 - Instructors: Taunton Paine (NIH), Dr. Cindy Danielson (NIH), Dr. Lisa Federer (NLM/NIH), and Heather Coats (IUPUI)
- Potential future topics: data ethics, data and social justice, grants lifecycle, pre-prints



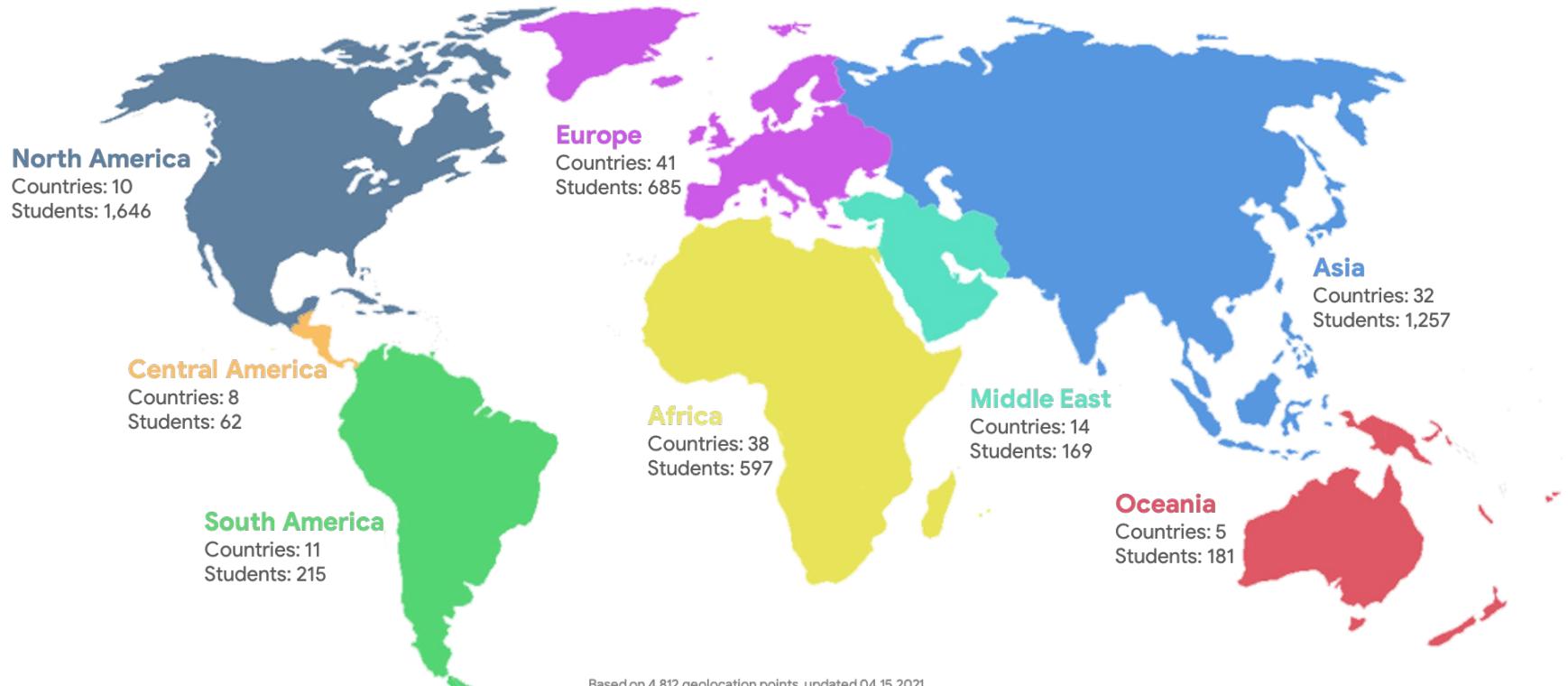
Translation Partnership

- Translation Partners: **National Taiwan University Library**
 - Traditional Chinese language translation
 - Translation lead by Drs. Chen and Tang, with assistance from Chiu-Hsun Lin and Ching-Yi Lai
- Translation efforts began May 25, 2020
 - Unit translation review once every two to three months
- Translated course will launch in September/October 2021



National
Taiwan
University

Where are RDMLA Learners From?



Watch out for our upcoming events and new modules!



Check out the course on  CANVAS | NETWORK
canvas.net/browse/simmonsu/courses/research-data-management



rdmla.github.io



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