Research Data Life Cycle

working with students and faculty in Japanese Studies

Digital and Data Initiatives at the University of Michigan
This document is the revised version of the presentation by Keiko Yokota-Carter

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http://www.eastasianlib.org/
Overview of Michigan Data Initiatives

Data and the U-M Library: The Library provides Research Data Services, a network of services to assist researchers during all phases of the research data lifecycle.
Research Data Services

- Data Management Planning
- Discovery & Access
- Organization & Management
- Metadata & Documentation
- Visualization
- Sharing & Publication
- Preservation
Every subject librarian has a data profile and shares it among colleagues and users. We collaborate by contributing our specialty.

My expertise is centered on Japanese studies, particularly in the Humanities and Social Science fields. Beyond knowing the needs of researchers in these fields, my knowledge base includes an understanding of how scholarly communication is practiced in Japan, trends in publishing, vendors and scholarly organizations, and my personal network of researchers and stakeholders in Japanese studies from around the world. I have been the primary negotiator to bring Japanese commercial databases to the North American university libraries since 2000. I am an advocate for digital scholarship, open access and the University of Michigan Library in my network.

- I can conduct data interviews to help better understand researcher needs.
- I can help researchers locate materials (digital texts, etc.) to support scholarship on Japan, particularly to support Digital Humanities work.
- I serve as an advocate for the UM Library and I can serve as a facilitator to help connect researchers to library services.
Japanese Studies:

Work with individual digital and data needs of faculty and students in the Research data life cycle
Qualitative data & Text mining with Data curation librarian (programming sometimes necessary)
Visualization with Visualization librarian

Closed working cloud to store and share

Survey of the needs of data sets
Search availability, contact and negotiate with publishers while working with the specialists of Digital acquisition, copyright, data management (preservation).

Explain copyright, preservation, and publishing & access

Meta data and documentation

open access repository

Work with Research data life cycle of individual needs
Identify the data needs of faculty and students

**Faculty** (one social scientist): wants data in spreadsheets that can be manipulated; library unable to acquire this because of licensing restrictions, cost, and format.

**PhD Student**: proficient in Japanese, wants large quantity of data to mine, but does not know much about digital humanities; we were able to introduce her to available datasets that she wanted to mine.

Example: *Toji Hyakugo Monjo* (mediaval Japanese documents) The bibliography datasets contain historical facts and personal connections. The request for the open datasets became incentive for the data owner institution to make them available in public.

**Undergraduate & MA Student**: Use English source and need to process large English texts. Eager to learn connected her with the relevant library experts.
Workshops in Japanese digital studies

2015-16 Winter Semester
Digital Humanities and the future of Japanese Studies – a symposium and the workshop

2016-17 Winter Semester
Workshop introducing English-language text mining to Japanese Studies students with Digital Scholarship Librarians

2017-18 Fall Semester
“Visual Narrative of Japan and Self”
Steven Geoffrey Braun, Data Analytics/Visualization Specialist
Northeastern University Libraries, Northeastern University
Arranged for guest lecture sponsored by the Center for Japanese Studies:
  * Role model for students in Japanese studies
Following the lecture, he provided individual research design consultations for students
Practices and skills needed to provide expertise in digital scholarship

Librarian as research designer academic producer providing RESEARCH INFRASTRUCTURE

- Assess research interests and data needs of faculty and students
- Keep up with developments in digital resources (qualitative data, images, texts, movies, sounds), tools, and the library’s IT infrastructure
- Consider how best to connect users with these resources, tools, and relevant library services
- Collaborate with colleagues across the library such as the Data Curation Librarian, the Data Visualization Librarian, the Digital Scholarship Librarian, Digital Pedagogy Librarian, Research Design Specialist, Copyright Specialist
- Be aware of changes in government policies regarding open access, copyright, etc., not just of the Japan but worldwide