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Research Data Life Cycle working with students and faculty in Japanese Studies

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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

The original presentation was made by
Liangyu Fu
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Keiko Yokota-Carter
at the Council of East Asia Libraries annual meeting
Committee on Public Service
in Washington, D.C.
on March 22, 2018

Available at the Council of East Asia Libraries (CEAL) Committee on Public Service
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

Data Service Profile

Every subject librarian has a data profile and shares it among colleagues and users.
We collaborate by contributing our specialty.

https://www.lib.umich.edu/users/kyokotac

Data Profile

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.
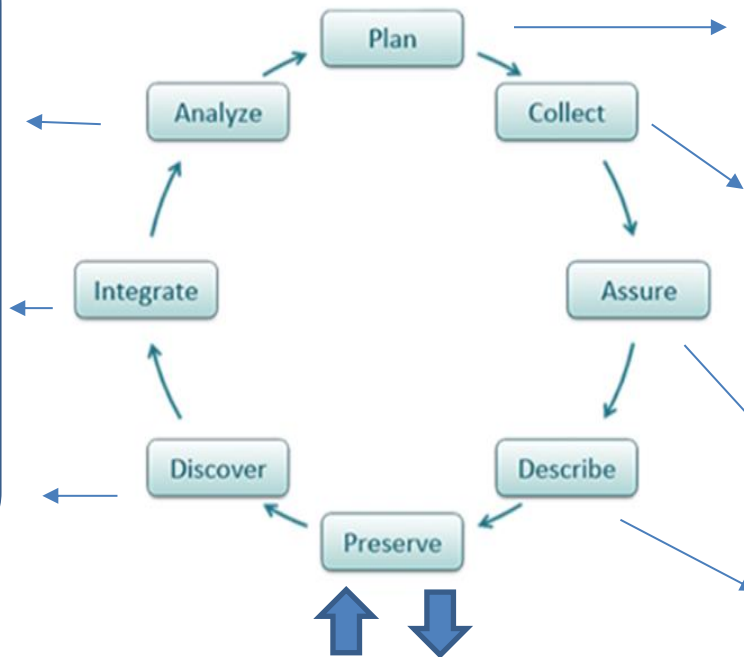
Japanese Studies:

Work with individual digital and data needs of faculty and students

in the Research data life cycle

Work with Research data life cycle of individual needs

Qualitative data & Text mining with Data curation librarian (programming sometimes necessary) Visualization with Visualization librarian
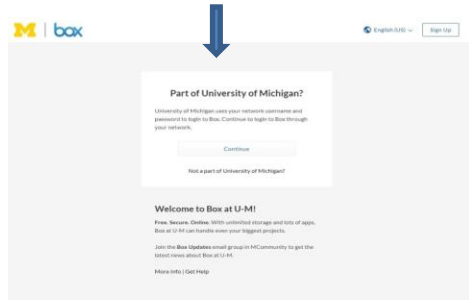
Survey of the needs of data sets

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

Plan
Collect
Analyze
Assure
Integrate
Describe
Discover
Preserve

Closed working cloud to store and share

open access repository

Deep Blue Data
U-M Library Data Repository

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 containe 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

<u>2015-16 Winter Semester</u>

Digital Humanities and the future of Japanese Studies – a symposium and the workshop

<u>2016-17 Winter Semester</u>

Workshop introducing English-language text mining to Japanese Studies students

with Digital Scholarship Librarians

<u>2017-18 Fall Semester</u>
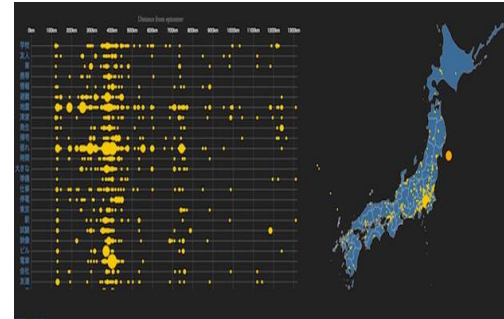
"**Visual Narrative of Japan and Self"**

Steven Geofrey 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

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