

Singapore Management University

Institutional Knowledge at Singapore Management University

Library Events

SMU Libraries

1-2014

Research Data Management: Challenges and Opportunities

Daniel C. Tsang

University of California - Irvine, dtsang@uci.edu

Follow this and additional works at: https://ink.library.smu.edu.sg/lib_events



Part of the [Library and Information Science Commons](#)

Citation

Tsang, Daniel C. 2014. "Research Data Management: Challenges and Opportunities." Presentation at Singapore Management University, Li Ka Shing Library, January 7.

This Presentation is brought to you for free and open access by the SMU Libraries at Institutional Knowledge at Singapore Management University. It has been accepted for inclusion in Library Events by an authorized administrator of Institutional Knowledge at Singapore Management University. For more information, please email cherylds@smu.edu.sg.



Research Data Management

CHALLENGES & OPPORTUNITIES

DANIEL C. TSANG, DISTINGUISHED LIBRARIAN
DATA LIBRARIAN; POLITICS, ECONOMICS &
ASIAN AMERICAN STUDIES BIBLIOGRAPHER
UNIVERSITY OF CALIFORNIA, IRVINE, LIBRARIES

PREPARED FOR PRESENTATION AT SINGAPORE MANAGEMENT UNIVERSITY, 7 JANUARY 2014

E-MAIL: DTSANG@UCI.EDU

University of California, Irvine

- ▶ Ranked no. 1 among U.S. universities under 50 years old by *Times Higher Education* in 2012 and 2013
- ▶ Among the top 5 universities worldwide under 50 years old according to *Times Higher Education* for the past two years
- ▶ There have been three Nobel Laureates at UCI
- ▶ In 2013, of the 28,895 total student enrollment, 12,048 (or about 42%) are Asian American or Asian permanent residents of the U.S. Seven undergraduates & six graduate students came from Singapore. Two recent Ph.D dissertations [both in Anthropology] done at UCI focused on 1) sexual citizenship among queer Singaporeans and 2) ethical capitalism in Singapore's participation in the global knowledge economy.

Sources: THE World University Rankings: <http://www.timeshighereducation.co.uk/world-university-rankings/>

Key Rankings: <http://www.uci.edu/distinctions/>

Student Data: Enrollment: <http://www.oir.uci.edu/enrollment.html>

Singapore Dissertations Irvine: <http://antpac.lib.uci.edu/search/X?SEARCH=singapore+dissertations+Irvine&SORT=D&searchscope=7>

UC Irvine Libraries

- ▶ **Our electronic and print collection includes approximately:**
 - ▶ 3.4 million volumes
 - ▶ 137,000 journals and serials
 - ▶ 138,000 government documents
 - ▶ 136,000 audio/visual materials, multimedia, maps, photographs, and other graphic materials
 - ▶ The Libraries Special Collections preserves 581 archival collections that include over 1 million original documents and photographs

Our local digital repository, UCIspace @ the Libraries, includes many distinct collections, among them, videos and audio (with transcripts) from the Vietnamese American Oral History Project

Sources: The UCI Libraries at a Glance: <http://www.lib.uci.edu/about/facts-and-figures.html>

UCIspace: <http://ucispace.lib.uci.edu/community-list>



VAOHP Home

Search VAOHP

[Advanced Search](#)

Browse VAOHP

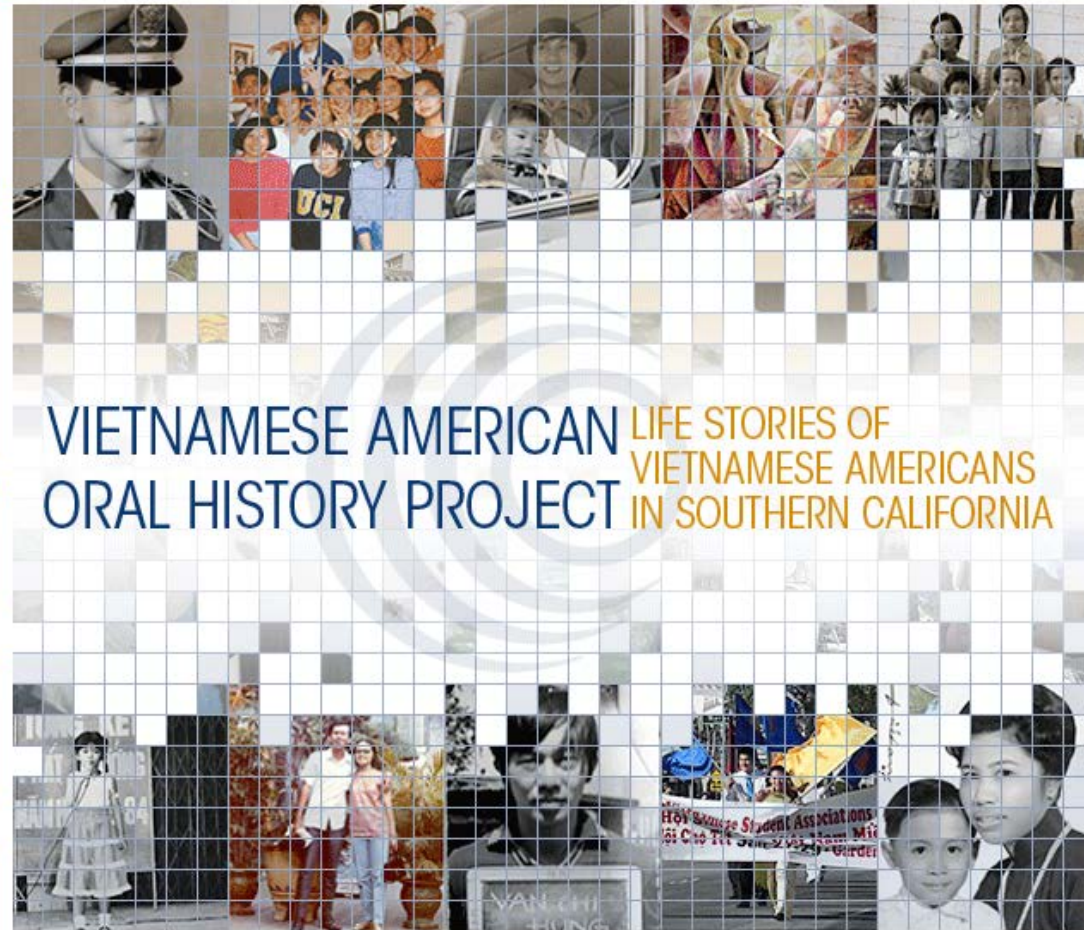
[Narrator](#)
[Interviewer](#)
[Subject](#)
[Decade of Birth](#)
[Source of Interviews](#)

About VAOHP

[About This Project](#)
[Contact Us](#)

Other Links

[VAOHP Blog](#)
[UCI Libraries Southeast Asian Archive](#)
[UCI Dept of Asian American Studies](#)



► This website is a work in progress. Please check back for updates and new oral histories. ◀

University of California Open Access Policy

- ▶ The Academic Senate of the University of California passed an Open Access Policy on July 24, 2013, ensuring that future research articles authored by faculty at all 10 campuses of UC will be made available to the public at no charge.
- ▶ The policy covers more than 8,000 UC faculty and as many as 40,000 publications a year. By granting a license to the University of California prior to any contractual arrangement with publishers, faculty members can now make their research widely and publicly available, re-use it for various purposes, or modify it for future research publications.
- ▶ Faculty on three campuses (UCLA, UCI and UCSF) began depositing articles in eScholarship on November 1, 2013.

DMPTool

<https://dmp.cdlib.org/>



DMPTool

Guidance and Resources for your Data Management Plan

[Contact Us](#) | [Get Started](#) | [Login](#)

[Home](#) [About DMP Tool](#) [DMP News](#) [My Plans](#) [Funder Requirements](#) [Help](#)



The DMP Tool allows you to: **1** **2** **3** **4**

[Get Started!](#)

Data Management Plan: Sample Plan Created at the DataONE Best Practices Workshop - Santa Fe NM 7/2011 Atmospheric CO2 Concentrations, Mauna Loa Observatory, Hawaii, 2011-2013

1. Types of data produced

All samples at Mauna Loa Observatory will be collected continuously from an in-line baseline flow system, a central tower vent that were installed at various locations. Real-time data will consist of hourly mean and CO2 concentration, calibration standards, reference standards, daily check standards, and blanks. The samples from the central tower system were used to determine the calibration of sensors which are used for data analysis. In addition to the CO2 data, we will report weather data (wind speed and direction, temperature, humidity, precipitation, and cloud cover). Site conditions at Mauna Loa Observatory will also be noted and reported. The final data product will consist of 5-minute, 15-minute, hourly, daily, and monthly average atmospheric concentration of

[See a plan created with the DMP Tool](#)

Recent DMP News

[DMPTool 2 Feature Highlight: Guidance and Review](#)

[DMPTool 2 Feature Highlight: Co-Ownership & Administration](#)

[Call for Example Data Management Plans](#)

[More news >](#)

Stakeholders

An OCLC Research report, “Starting the Conversation: University-wide Research Data Management Policy” (December 2013) lists the following stakeholders for “starting the conversation” about research data management policy on academic campuses:

- ▶ The University
- ▶ The Office of Research
- ▶ The Research Compliance Office
- ▶ The Information Technology Department
- ▶ The Researchers
- ▶ The Academic Units
- ▶ The Library

Source: <http://oclc.org/research/publications/library/2013/2013-08r.html>

Elements of the Conversation

- ▶ Who owns the data?
- ▶ What Requirements are Imposed By Others?
- ▶ Which Data Should Be Retained?
- ▶ For How Long Should Data Be Maintained?
- ▶ How Should Digital Data Be Preserved?
- ▶ Are there Ethical Considerations?
- ▶ How are Data Accessed?
- ▶ How Open Should the Data Be?
- ▶ How Will Costs Be Managed?
- ▶ What are the Alternatives to Local Data Management?

Source: <http://oclc.org/research/publications/library/2013/2013-08r.html>

UC Irvine Libraries Initiatives

- ▶ The UCI Libraries are partners with the Office of Information Technology (OIT) and the Office of Research in an effort to define the long term direction and priorities for research computing and electronic research services on this campus.
- ▶ A committee made up of UCI faculty, and staff from the Libraries and OIT, has made a set of recommendations to campus administration based on an online survey and focus groups with faculty. Among the proposals made are the need to develop a much faster network for the movement of research data across campus and externally; more support staff to enhance services offered, such as management, preservation, and organization of research project data; and development of a research data storage system for long term, secure storage of both raw and processed data sets.

Faculty Assessment of the State of Research Computing (FASRC) at University of California, Irvine (2013)

“Most critical research computing need”

- ▶ Our assessment is that long-term research data storage, and associated data management, is the single most critical research computing need not being met on campus.
- ▶ The FASRC committee believes that a well-run data storage service would allow many faculty groups to coordinate data storage using a centralized system, foster research collaboration, and provide access to archived research data.
- ▶ Faculty expressed a need for having a secure place to archive their data, if not centrally, elsewhere on or off campus.
- ▶ As a major component of the University’s scholarly product, research data must not only be stored securely but preserved and curated in trusted repositories so that the data remain accessible to the research community after a project is completed. Such accessibility enables secondary analysis of research data originally collected by University faculty and researchers

Source: <http://sites.uci.edu/fasrc/files/2012/11/Faculty-Assessment-of-the-State-of-Research-Computing-Report.pdf>

Finding faculty for potential partnerships

- ▶ NSF awards to your institution

<http://www.nsf.gov/awardsearch/>

- ▶ NIH funded grants to your institution

<http://report.nih.gov/award/index.cfm>

- ▶ Data Management Plans
- ▶ Past faculty contributing content to institutional repositories
- ▶ Google Scholar
- ▶ Data Citation Index
- ▶ ORCID

Talking Points with Faculty

UCI Libraries draft in progress

Questions to ask Faculty

- ▶ Can you tell me a bit about your research and what sort of data is involved?
- ▶ Are you collecting your own or re-using existing data?
- ▶ Where is your data currently stored?
- ▶ What software and tools do you use to manage or analyze your data?
- ▶ Do you currently share your data? Would you like to share it in the future?
- ▶ Do you link your datasets to associated research publications?
- ▶ How is your research funded and does the funding agency require data sharing or preservation?
- ▶ Have you completed a Data Management Plan?

Trusted Repositories: The Data Seal of Approval

Data Seal of Approval

- ▶ The Data Seal of Approval is one such assessment initiative. Created by the Data Archiving and Networked Services (DANS) archive in The Netherlands and overseen by an international board, the Data Seal of Approval is meant to demonstrate to researchers that data repositories are taking appropriate measures to ensure the long-term availability and quality of data they hold.
- ▶ The seal sets forth 16 guidelines related to trustworthy data management and stewardship. ICPSR was one of the first six data repositories to earn the Data Seal of Approval in 2011. You can read the ICPSR self-assessment here -- http://assessment.datasealofapproval.org/assessment_28/seal/html/. The other five archives awarded the Data Seal of Approval are the Archaeology Data Service (United Kingdom); the DANS Electronic Archiving System (Netherlands); the Platform for Archiving CINES (France); the Language Archive of the Max Planck Institute for Psycholinguistics (Netherlands); and the UK Data Archive.
- ▶ The seal is awarded after an online self-assessment regarding a data repository's adherence to the guidelines. The assessment is then reviewed by the DSA Board before the seal is given.
- ▶ In Europe, the Data Seal of Approval serves as a Basic Certification step in an integrated framework for auditing and certifying digital repositories.



Data Seal of Approval 2.0 (2013)

Fundamental to the following guidelines are five criteria, that together determine whether or not the digital research data may be qualified as sustainably archived:

- ▶ The research data can be found on the Internet.
- ▶ The research data are accessible, while taking into account relevant legislation with regard to personal information and intellectual property of the data.
- ▶ The research data are available in a usable format.
- ▶ The research data are reliable.
- ▶ The research data can be referred to.

Source: https://assessment.datasealofapproval.org/media/files/DSA_booklets/DSA-booklet_1_June2010_1.pdf

Assessment manual: https://assessment.datasealofapproval.org/guidelines_52/pdf/

Purdue University Research Repository

Start Your Research Project


- ▶ Create a Data Management Plan: Learn about the detailed requirements for your data management plan (DMP). Funding agency requirements are very specific and our DMP resources can help you to clear up any confusion.
- ▶ Upload Research Data to Your Project Create a project to upload and share your data with collaborators using our step-by-step form to guide you through the process. Invite collaborators from other institutions to join your project.
- ▶ Publish your DatasetPackage, describe, and publish your dataset with a Datacite DOI. Publishing will ensure your dataset is citable, reusable, and archived for the long-term.

Source: <https://purr.purdue.edu/>

Developments from UCI Libraries

- ▶ Recruitment forthcoming for the head of E-Research & Scholarly Communications
- ▶ Potential implementation of DataShare for deposit of and access to research data generated by UCI faculty and researchers
- ▶ Collaboration with faculty on archiving research conducted from and around Orange County, especially in the area of biodiversity
- ▶ Discussion on using ORCID to identify faculty researchers
- ▶ Enhancing subject guides to data sources and data management

Asia Data Sources



UCI LIBRARIES
UNIVERSITY of CALIFORNIA • IRVINE

UCI LIBRARIES

[Libraries](#) » [Subject and Course Guides](#) » [Social Science Data](#) [Admin Sign In](#)

* UC Irvine access only

Social Science Data

Resources for locating and analyzing social science data across subfields and geographic regions

Last Updated: Nov 5, 2013 | URL: <http://libguides.lib.uci.edu/socscidata> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#)

Home	ICPSR	Data Sources ▾	Data Format Conversion	Bibliographies	Professional Literature	Tutorials	Citing Data	Data Issues
Depositing Data	Social Science Data Archives	Online Data Analysis	Data Visualization					


[Asia](#) [Comments\(0\)](#) [Print Page](#) Search: [This Guide](#) ▾ [Search](#)

Asia

For Vietnam, [click here](#). See also, [International Data](#).

- [AsiaBarometer](#)
Data on public opinion in Asia, covering East, Southeast, South and Central Asia. Three waves of the AsiaBarometer have been conducted. Focus is on daily lives of ordinary people.
- [Australian Social Science Data Archive](#)
Based at The Australian National University (ANU), this data archive was established in 1981. Datasets available upon request. Registration and completion of a form is required before downloading of data. The data catalog is browsable.
- [Cebu Longitudinal Health and Nutrition Survey](#)
Cebu Longitudinal Health and Nutrition Survey (CLHNS) is a study of Filipino women who gave birth between May 1, 1983 and April 30, 1984.
- [Center for Survey Research, Taiwan](#)
- [China Data Archive, Texas A&M University](#)
Focus on Chinese data. Access to 1 percent sample of the 1990 census as well as some geospatial data.
- [China Data Online*](#)
Economic statistics of China, arranged by regions and categories. Includes monthly and yearly reports on China's macroeconomic development, statistical databases about China's population and economy at the provincial, county, and city level.
- [China Data Survey Network](#)
*CSDN was established as a joint project between the China Data Center at the University of Michigan and the China Center for Economic


Subject Guide



Daniel C. Tsang

Contact Info
468 Langson Library
UC Irvine
PO Box 19557
Irvine CA 92623
949 824 4978

Research Data Management



UCI LIBRARIES
UNIVERSITY of CALIFORNIA • IRVINE

UCI LIBRARIES

[Libraries](#) » [Subject and Course Guides](#) » Research Data Management [Admin Sign In](#)

* UC Irvine access only

Research Data Management

Tags: [data deposit](#), [data management](#), [data repositories](#), [data sharing](#), [research data](#)

Managing research data: Tools & resources

Last Updated: Sep 12, 2013 | URL: <http://libguides.lib.uci.edu/datamanagement> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#)

- [Home](#)
- [EZID](#)
- [DataUp](#)
- [Merritt](#)
- [Data Management Plans](#)
- [Web Archiving Service](#)
- [Data Repositories: Sciences](#)
- [Data Repositories: Social Sciences](#)
- [Data Repositories: Humanities](#)
- [For Librarians](#)
- [Resources](#)
- [Grant Awards to UCI](#)
- [Online Courses](#)

[Home](#) [Comments\(0\)](#) [Print Page](#) This Guide

News

- [New Research Data Management Tools @ UCI](#)
Slides of talks given by UCI Libraries at an E-Research forum 7 January at UC Irvine.
- [Free Online Course on Data Visualization from Indiana University](#)
Indiana University's Katy Börner, the Victor H. Yngve Professor of Information Science at the School of Library and Information Science and an international leader in information visualization, will offer a free massive open online course on the topic beginning Jan. 22.

[Comments \(0\)](#)

Data Management & Sharing: Key Sites

Research Data is data generated in the research process. This subject guide delineates discipline-based research data repositories to help researchers and faculty seeking more information about potential repositories where they may be able to deposit their research data.

Careful Data Management of research data not only ensures preservation of such data but also helps in making such data shareable.


Sharing of research data contributes to scientific knowledge. Such data sharing has been the norm in some disciplines and is increasingly mandated by funding agencies, such as the National Science Foundation.

This guide is compiled by UCI Libraries' bibliographers who serve on the Libraries' Data Team, whose members are listed on the right column.

Listed below are some key resources:

- [DMP Tool](#)
Tool developed by California Digital Library to assist researchers preparing sponsored grant applications that require data management plans
- [Merritt. The University of California Curation Center \(UC3\) | Manage and preserve your content](#)
Merritt is a new cost-effective repository service from the University of California Curation

Subject Guide



Daniel C. Tsang

Contact Info
468 Langson Library
UC Irvine
PO Box 19557
Irvine CA 92623
949 824 4978

UCI Web Page on DMP

<http://nsfdmp.lib.uci.edu/>



The screenshot shows the UCI Libraries website. The header includes the UCI Libraries logo and the text "UCI LIBRARIES UNIVERSITY of CALIFORNIA • IRVINE". Below the header is a navigation menu with links for HOME, ABOUT US, SERVICES, RESEARCH TOOLS, COLLECTIONS, and HOW DO I. A search bar is located below the navigation menu, with the text "SEARCH" and "in Melvyl - Libraries Worldwide" and a "Go" button. The main content area is titled "NSF Data Management Plan" and contains the following text:

As of January 18, 2011, all National Science Foundation (NSF) grant applications require a supplementary document of no more than two pages labeled "Data Management Plan". This supplement should describe how the proposal will conform to NSF policy on the dissemination and sharing of research results, and may include:

- types of data (including samples, physical collections, software);
- metadata standards to be used;
- policies for access and sharing (including provisions for privacy/intellectual property);
- policies and provisions for re-use; and
- plans for archiving and preservation of access.

California Digital Library worked with other organizations to develop a **DMPTool** to help researchers meet these new requirements.

DMPTool - The Data Management Plan Tool allows researchers to:

- view sample data management plans;
- preview funder requirements;
- view the latest changes to their plans;
- create an editable document for submission to a funding agency, and
- accommodate different versions as funding requirements change.

Recommended documents from the UCI Office of Research that support submission of the NSF Data Management Plan include:

1. Suggested Elements to Cover in a Data Management Plan
2. Data Management Plan: Template with Suggested Content
3. NSF Data Management Plan

See [Grant Proposal Guide \(GPG\) Chapter II.C.2.j](#) for full implementation information.

The left sidebar contains a "Quick Links" section with the following links:

- Visit the Libraries
- Contact Us
- Jobs
- Policies
- Projects & Initiatives
 - Scholarly Communication and Management Program
 - Serials Management Project
 - UROP
 - JSTOR
- Exhibits
- Library Publications

At the bottom of the sidebar, there are links for "Hours" and "Connect from off-campus".

Challenges to Data Sharing

On the researcher side...

- ▶ Data sharing culture varies by discipline & by country
- ▶ Sharing data different from sharing published articles
- ▶ Not wanting someone to steal your ideas
- ▶ Some research, e.g. with personal identifiers cannot be shared
- ▶ Repurposing of data may be precluded
- ▶ Further consent from respondents necessary
- ▶ Privacy of respondents must be protected
- ▶ National security may come into play
- ▶ Complexity and size of dataset
- ▶ Meaningful metadata not present

Challenges to Data Sharing...

On the librarian side ...

- ▶ Institutional support missing
- ▶ Skill-set missing
- ▶ Not knowledgeable about faculty research
- ▶ Not interested or knowledgeable about a subdiscipline
- ▶ Full work load already
- ▶ Reference/Bibliographer Model
- ▶ Cannot attend training off-campus
- ▶ New model of service - helping in "publishing" research
- ▶ Lack of experience in data stewardship or data curation
- ▶ Economic constraints of institution – who's going to pay for archiving & access?

Domain Repositories

Current mandates for researchers to manage data have one drawback – the false assumption that it will be cost-free, or that the state will automatically support it.

Hence, 25 discipline-based or domain repositories, meeting in Ann Arbor at ICPSR in 2013, drafted an open letter urging the United States Government to commit funds to support managing of research data and its preservation and accessibility.

As libraries move to implementing data management services it is important to acknowledge the pioneering efforts of such repositories as ICPSR, social science data archives (including the Australian Data Archive at ANU) & its data archivists, and professional organizations like IASSIST which have been playing a leading role archiving and disseminating datasets for up to half a century.

ICPSR: <http://www.icpsr.umich.edu/>

ADA: <http://www.ada.edu.au>

IASSIST: <http://www.iassistdata.org>

Challenge for Domain Repositories

- ▶ Despite the growing demand for data sharing and access, domain repositories face an uncertain financial future in the United States. The need for data archives is rising due to open access mandates, research innovations, and the growing volume of scientific data that needs to be curated, preserved, and disseminated. Yet funding for domain repositories remains unpredictable and inadequate for the task at hand. Of particular concern is the mismatch between the long-term commitments to preservation inherent in the work of archiving, and the short-term and episodic funding upon which this work is based. Many archives rely primarily on project-based grants, even though the expectation of stakeholders is that data will be available and usable indefinitely.
- ▶ Another concern is that the push towards open access, while creating more equity of access for the community of users, creates more of a burden for domain repositories because it narrows their funding possibilities. Without care, this may create a different kind of inequity-- less well-funded scholars or institutions will be less likely to have their products of research preserved for the future.

Domain Repositories' Call For Change

A Call for Change

- ▶ Domain repositories must be funded as the essential piece of the U.S. research infrastructure that they are. This means:
 - Ensuring funding streams that are long-term, uninterrupted, and flexible
- ▶ Creating systems that promote good scientific practice
- ▶ Assuring equity in participation and access

There may not be one solution to the problem. Repositories may very well need different funding models across domain and repository type. But in every case, *creating sustainable funding streams will require the coordinated response of multiple stakeholders in the scientific, archival, academic, funding, and policy communities.*

Benefits to Sharing Data

- ▶ Contributing to scientific knowledge
- ▶ Potential of new discoveries & understanding based on secondary analysis
- ▶ Researchers get cited more often if their data is “published”
- ▶ Publicly funded research made transparent
- ▶ The public benefits from open access to data
- ▶ Scientific fraud risk diminished
- ▶ Improves profile of institution
- ▶ Enhances scholarly collaboration & communication
- ▶ Repurposes the library mission for the foreseeable future

Online Courses

University of Edinburgh offers an excellent array on self-paced online instruction on a variety of topics:

- ▶ Research data explained
- ▶ Data management plans
- ▶ Organising data
- ▶ File formats & transformation
- ▶ Documentation & metadata
- ▶ Storage & security
- ▶ Data protection, rights & access
- ▶ Sharing, preservation & licensing
- ▶ Software practicals

DIY Training Kit for Librarians (Edinburgh University)

- ▶ Promotional slides for the RDM Training Kit
- ▶ Training schedule
- ▶ Research Data MANTRA online course by EDINA and Data Library, University of Edinburgh
- ▶ Reflective writing questions
- ▶ Selected group exercises (with answers) from UK Data Archive, University of Essex
- ▶ Podcasts for short talks by the original Edinburgh speakers if running course without 'live' speakers
- ▶ Evaluation forms
- ▶ Independent study assignment: Interview with a researcher, based on Data Curation Profile

Source: <http://datalib.edina.ac.uk/mantra/libtraining.html>

Data Management for Clinical Research (Online course, Vanderbilt University)

“This course is designed to teach important concepts related to research data planning, collection, storage and dissemination. Instructors will offer information and best-practice guidelines for 1) investigator-initiated & sponsored research studies, 2) single- & multi-center studies, and 3) prospective data collection & secondary-reuse of clinical data for purposes of research. The curriculum will balance theoretical guidelines with the use of practical tools designed to assist in planning and conducting research. Real-world research examples, problem solving exercises and hands-on training will ensure students are comfortable with all concepts.”

Source: <https://www.coursera.org/course/datamanagement>

Acknowledgements

- ▶ Thanks to all the online sources from which I have included material for this presentation.
- ▶ And my gratitude to SMU Library, especially Gulcin Cribb for inviting me to speak and Yeo Pin Pin for making the arrangements.

Thank you!

Source: 資深圖書館員曾振鍛獲獎, *Chinese Daily News*, 18 August 2013



北美華人風雲誌

資深圖書館員曾振鍛獲獎

【爾灣訊】
August 18, 2013 09:00 AM | 3844 次 | 0 評 | 13 讚 | 0 怨 | 0 怨

爾灣加大資深圖書館員曾振鍛 (Daniel Tsang), 最近獲美國政治與社會科學研究組織 (Inter-university Consortium for Political and Social Research) 選為今年的傑出服務獎得主, 以表彰他多年來收集、整理社會科學研究資料庫的貢獻。

美國政治與社會科學研究組織是美國規模最大的社會科學資料庫, 該組織每兩年選出一位傑出服務獎得主, 並在該會年會中頒獎表揚, 過去16位傑出服務獎得主包括任職耶魯大學、麻省理工學院及柏克萊加大等名校的學者。曾振鍛自1986年起即擔任該組織在爾灣加大的代表, 為南加州地區的社會科學研究學者及學生提供有關如何使用該資料庫的協助。

來自香港的曾振鍛獲有密西根大學圖書館碩士, 他在爾灣加大負責總圖書館有關政治、經濟與亞美研究的資料庫, 他曾於2004年獲選為傅爾布萊特學者 (Fulbright Scholar), 並前往越南實地了解當地的圖書及研究資料庫, 他也發表過許多與越南難民及美國越南裔社區相關的文章。

爾灣加大圖書館資深館員曾振鍛, 榮獲美國政治與社會科學研究組織傑出服務獎。(爾灣加大提供)