

Educational Experience of a Data Services Librarian

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New trend of US research libraries

- Digital scholarship support
 - E-book & E-journal publication
 - Institutional repository for scholarly publication
 - Research data curation
- Research support
 - Citation management tools
 - Data management services
 - Digital humanities & e-Science librarianship
- Instruction
 - Library session within courses
 - Library workshops on research tools
 - Embedded librarian within school, department, & research labs

What does a data services librarian do?

- Graduate students workshops on statistical software, GIS and mapping tools, and general data management best practices
- Individual data collection, analysis, and presentation assistance
- Data management strategy development for research department
- Data management plan development support

- Collaborate with researchers
- Collaborate with subject librarians
- Observe national and international colleagues
- Reflect on my own experiences and the US research library cultures

Being excited and active in a new librarianship

- Keep up with
 - new development in both library/information technology (digital content management, preservation, and curation)
 - Change/trend of research process (e-Science: collaboration and data intensive)
- Become a bridge
 - Between traditional public services (reference) services and technical/digital library services
 - Between technology and researchers
- Have a comparative/historical/sociological perspective
 - See a big picture of librarians' roles in the changing research landscape
 - Find inspirations from different research cultures and their support systems

Impacts of my personal educational experience

- Bachelor and Master's degrees of Sociology in China
 - Sociology of knowledge
 - Historical and comparative research mindset
- PhD program of Sociology in US
 - Learn about US academic culture & rules (tenure, publication process, quantitative/empirical methodology)
 - Participate in real research process (data collection and data analysis)
- Master of Library and Information Science in US with a study and practicum focus on digital libraries
 - Basic training in IT, database, and e-Publishing tools
 - Real projects in the digital library: digitization, creating metadata, and using digital content system
 - Theories of information literacy (enriched by critical literacy & educational theories)

Impact of an ARL's Career Enhancement Program for MLIS students

- Attend ALA midwinter leadership institute
 - Opened my eyes to research libraries' current topics and issues (open access, scholarly communication ...)
- Summer internship at a research library
 - Worked in different library branches, being exposed to various library settings and work procedures