

PING FU

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Education

M. L. I. S., McGill University, Montreal, Quebec	2003
M. A. East Asian Studies, McGill University, Montreal, Quebec	2001
M. Sc. Comp. Sc., Shanghai University, Shanghai	1992
B. Sc. Comp. Sc., Northwestern Poly-technical University, Xi'an	1985

Current Academic Rank

Associate Professor

Current Position Title

Associate Professor/ Head of Library Technology Services

Professional Experience

Associate Professor/ Head of Library Technology Services

September 2011 to Present

Brooks Library, Central Washington University, Ellensburg, WA

- Responsible for the overall administration of the Systems Department and the oversight of the division's three constituent departments: Collection Development, Cataloging and Serials/Electronic Resources:
 - Facilitate the development and implementation of departmental policies, procedures, and standards
 - Work with staff and faculty in setting the division's and the Systems department's priorities and achievement of goals
 - Support the 24/7 operation of library technology services and systems, including web and database services, authentication systems, and connectivity
 - Administer Alma ILS and Primo Discovery Platform
 - Seek additional resources in support of the Library goals through university-funded programs and external grant opportunities
 - Advise the Dean of the Library Services on trends and emerging library technologies
 - Manage IT projects
 - Provide training
 - Create guides, procedures, system charts and documents
 - Supervise Library IT staff
- Provide teaching and reference instruction, and conduct scholarly research:
 - Teach University 101: Library Presentation
 - Provide one-on-one consultations and in-depth references services
 - Provide instruction classes and workshops
 - Faculty liaison to: Computer Science, Information Technology & Administrative Management, Theatre Arts, and Mathematics.
 - Maintain Research and Subject Guides for the responsible areas
 - Conduct researches in the following fields: Next-generation ILS, Discovery Systems, Institutional Repository, Digitization and Digital Preservation

- Reviewer, the Journal of Librarianship and Scholarly Communication
- Serve as liaison between the Library and systems vendors, other IT units on campus, and represent the Library on committees at various local, regional, national and international levels:
 - Attend Library Council and other library committees
 - Coordinate with the Orbis Cascade Alliance and Ex Libris for Alma/Primo maintenance and enhancement
 - Coordinate with university IT and other units on campus
 - Serve as the Shared ILS Institutional Lead at the Orbis Cascade Alliance
 - Represent the Library at the Academic Technology Advisory Council
 - Serve as the member of LITA Education Committee
 - Assist academic departments and the Office of International Studies and Programs at CWU in establishing collaboration and exchange programs with Chinese universities

Achievement Highlights:

- Led a Shared ILS Team and successfully completed migration from Millennium to Alma/Primo at CWU
- Led an Institutional Repository Team and successfully implemented bepress Digital Commons at CWU
- Published a number of peer-reviewed articles and conference presentations
- Certified Alma administrator
- Certified Primo administrator
- Facilitated the development of written Alma/Primo policies/procedures/operating manuals

Systems Librarian/Head of Systems

September 2009 to August 2011

Singapore Management University Library, Singapore

- Provided consultation and support to library departments and staff for the Millennium ILS, Encore, Research Pro, Web-bridge, Digital Commons, and the online OPAC:
 - Supported for staff with their daily operations, questions and problems
 - Administered Millennium ILS and Encore discovery platform
 - Maintained Federated Search
 - Maintained Electronic Resource Management
 - Supported EBSCO A-to-Z
 - Loaded coverage data
 - Supervised library IT staff
 - Explored, planed and piloted new library technologies
 - Provided technical training to library staff
 - Conducted troubleshooting
- Provided advice to the University Librarian and served as liaison between the Library and other IT units on campus and external vendors:
 - Coordinated with the University IT for the library server backup and maintenance
 - Coordinated with Innovative for the Millennium, Encore, Research Pro, and Web-bridge applications maintenance and enhancement
 - Served as member of the Library Management Team
 - Chaired Library IT Committee

Systems Librarian

May 2007 to August 2009

Yale University Library, New Haven, CT

- Provided consultation and support to library staff for the Voyager ILS in Acquisition, Circulation, notices, report generation and the online OPAC:
 - Supported for Circulation and Acquisitions staff with their day to day problems and questions
 - Conducted troubleshooting
 - Maintained and updated Voyager ILS configuration modules
 - Prepared documentation
 - Provided training for library staff
 - Served as Voyager ILS report expert and provided consultation for SQL, web report applications
 - Generated custom database and statistical reports
- Assisted in the implementation of new services, system enhancements and modifications:
 - Identified customer requirements
 - Created specifications for new programs and services
 - Coordinated with developers and stakeholders
 - Managed projects
 - Enhanced locally developed utilities and programs
 - Tested and implemented new software releases
- Routinely managed record loads and transfers for bibliographic, patron, fines & fees, invoice and vendors records. Routinely monitored circ job logs and daily reports. Routinely ran URL checker and OPAC statistics.

Data Conversion Programmer

July 2003 to April 2007

Montreal Office, SirsiDynix Inc, Montreal

- Identified customer requirements, conducted business analysis for customers' existing ILS (MultiLis, Unicorn, Horizon, BiblioMondo, etc) and implemented systems migrations:
 - Assisted in the creation of migration plans
 - Assisted in the analysis of policy mappings for migrations
 - Developed migration programs and MARC conversion programs
 - Loaded data to Unicorn
 - Conducted testing and troubleshooting, and prepared testing reports
 - Implemented live migrations
- Assisted in internal and external consultation and services:
 - Collaborated with project managers supporting live customer sites by providing technical answers as required
 - Assisted in the software development and programming
 - Participated in the development of migrations rules

Programmer/Analyst

July 1995 to December 1998

Sheng Zhen Tai-Chi Software, Shanghai

- Worked as analyst and software developer and participated in various projects:
 - Identified customer requirements and conducted business analysis

- Participated in the documentation of programming specifications and training guides
- Coded programs and conducted software testing
- Provided internal and external consultation, trainings and services

Software Developer

July 1985 to June 1995

Shanghai Bao Steel Group Corporation, Shanghai

- Worked at the Project Management Team of Electric Arc Furnace and Casting, Bao Steel Phase II Projects:
 - Served as team leader for Mathematical Modeling Team
 - Negotiated with vendors on application systems and specifications of equipments
 - Coordinated with designers, suppliers and manufacturers during the preparation phase
- Worked at the Department of Automation and Information Services:
 - Seamless Tube Mill Management System & Application maintenance
 - Application development and management

Scholarship and Creative Activities

Refereed Publications

1. Xu, Chenghui, Bing Chen, **Ping Fu**, and Hongyan Qian. "A Dynamic Resource Allocation Model for Guaranteeing Quality of Service in Software Defined Networking Based Cloud Computing Environment." In *Cloud Computing and Security: First International Conference, Icccs 2015*, 206-17. S.l.: Springer, 2016.
2. Yang, Hanjie, Bing Chen, and **Ping Fu**. "OpenFlow-Based Load Balancing for Wireless Mesh Network." In *Cloud Computing and Security: First International Conference, Icccs 2015*, 368-79. S.l.: Springer, 2016.
3. **Fu, Ping** and Carmen, Julie. "Migration to Alma/Primo: A Case Study of Central Washington University." *Chinese Librarianship: An International Electronic Journal* 40 (2015): 1-14.
4. **Fu, Ping**. "Supporting the Next-generation ILS: The Changing Roles of Systems Librarians." *Journal of Library Innovation* 5, No 1 (2014): 30-42.
5. **Fu, Ping** and Fitzgerald, Moira. "A Comparative Analysis on the Effect of the Integrated Library System on Staffing Models in Academic Libraries." *Information Technologies and Libraries* 32, No 3 (2013): 47-58.

Non-Refereed/Abstract Reviewed Conference Presentations

6. **Fu, Ping**. "From Millennium to Alma/Primo: Pre-Migration Preparation, Testing and Cutover." *Presentation at The Ex Libris Users of North America 2015 Annual Conference*, Minneapolis, MN, May 5-8, 2015
7. **Fu, Ping**. "Alma Integrates with External Systems: Experiences and Lessons Learned at CWU." *Presentation at The Ex Libris Users of North America 2015 Annual Conference*, Minneapolis, MN, May 5-8, 2015

8. **Fu, Ping.** “Harvesting a Local Digital Repository: Experiences and Lessons Learned.” *Presentation at The Ex Libris Users of North America 2015 Annual Conference*, Minneapolis, MN, May 5-8, 2015
9. **Fu, Ping.** “Creating a CWU Institutional Repository (IR) to Showcase Students’ Research and Scholarly Work.” *Presentation at the Symposium on University Research and Creative Expression*, Central Washington University, Ellensburg, WA, May 16, 2013
10. **Fu, Ping.** “Migrating to Alma: the Changing Role of the Systems Librarian.” *Presentation at The Ex Libris Users of North America 2013 Annual Conference*, Athens, GA, April 30-May 3, 2013
11. **Fu, Ping.** “Scat Table and Call Numbers Not in SCAT.” *Presentation at The Innovative User Group 2012 Annual Conference*, Chicago, IL, April 15–18, 2012

Research Interests

Next-generation ILS, Discovery Systems, Institutional Repository, Digitization and Digital Preservation

Professional Affiliations

1. American Library Association (ALA), member, 2003–present
2. Library & Information Technology Association (LITA), member, 2007–present
3. Chinese American Librarians Association (CALA), life member, 2015–present

Awards, Honors, Fellowships and Scholarships

1. Certificate of Recognition, ALA/LITA, 2012
2. 2012 IUG Scholar, the 2012 Scholarship of the Gerald M. Kline Family Foundation, 2012

Academic Services and Activities

Journal of Librarianship and Scholarly Communication

1. Reviewer, January 2016–

Committee Services & Activities at ALA/LITA

3. CALA Assessment and Evaluation Task Force, member, 2015–present
4. LITA Education Committee, member, 2014–present
5. ALA Ambassador, ALA Annual Conference 2015
6. LITA Membership Development Committee, member, 2012–2014
7. ALA Ambassador, ALA Annual Conference 2014
8. ALA Ambassador, ALA Annual Conference 2013
9. LITA OCLC/LSSI Minority Scholarship Committee, Member, Chair, Past–Chairperson, 2009–2012

Committee Services & Activities at OCA

1. Institutional Representative, Systems Team, May 2015–present
2. Digital Content Joint Working Group, Systems Representative, Oct 2015–present
3. SILS Representative and Institutional Lead, Sept 2012–Dec, 2014
4. Systems Working Group, the SILS Implementation Team, Sept 2012–Dec 2014
5. SILS Preparation Team, Mar–July, 2012

Committee Services & Activities at CWU and the Library

1. Library Strategic Planning Committee, member, Oct, 2015–present
2. Library Personnel Committee, Sept 2014–present
3. Academic Technology Advisory Council, Library Faculty member, Dec 2012–present
4. Collection Development and Management Committee, Aug, 2012–present
5. Library Council, member, Sept 2011–present
6. Library Web Team, Lead, Sept 2011–present
7. Scholarly Communication Librarian Search Committee, chair, Sept–Nov 2015
8. Electronic Resource Librarian Search Committee, Co-chair, Jan, 2015–Mar, 2015
9. University Ethics Advisory Committee, Faculty Member, Dec 2011–Dec 2014
10. Ex Libris SILS Implementation Team, Co-Chair, Aug, 2012–Dec 2014
11. Digital Commons & Institutional Repository Ad Hoc Committee, Co-chair, Aug, 2012–Mar, 2014
12. Library Associate Dean Search Committee, member, May, 2013–Jul, 2013
13. University Academic Technology Advisory Committee, member, Jan 2012–Dec 2012
14. Collection Development Librarian Search Committee, member, Oct, 2011–Mar, 2012

Committee Services & Activities at Singapore Management University

1. Library Management Team, member, Sept 1, 2009–Aug 15, 2011
2. Library Systems & IT Committee, Chair, Sept 1, 2009–Aug 15, 2011
3. Library Web Steering Committee, member, Sept 1, 2009–Aug 15, 2011
4. Digital Library Systems Steering Committee, member, Sept 1, 2009–Feb 15, 2011

Committee Services & Activities at Yale University

1. The Standing Committee on Professional Awareness, Jan 17, 2008–Aug 15, 2009
2. Acquisition Support Group (ASG), August 27, 2007–Aug 15, 2009
3. Circulation Support Group (CSG), May 9, 2007–Aug 15, 2009

Conferences

1. The Orbis Cascade Alliance Summer Meeting, Portland, OR, Jul 8-9, 2015
2. The 2015 American Library Association Annual Conference, San Francisco, CA, Jun 25–Jun 30, 2015
3. The Ex Libris User Group of North America 2015 Annual Meeting, Minneapolis, MN, May 5-8, 2015
4. The Orbis Cascade Alliance C4 Shared ILS Kick-off Meeting, Portland, OR, Jul 8, 2014
5. The Orbis Cascade Alliance Summer Meeting, Portland, OR, Jul 9-10, 2014
6. The 2014 American Library Association Annual Conference, Las Vegas, NB, Jun 26–Jul 1, 2014
7. The Ex Libris User Group of North America 2014 Annual Meeting, Montreal, Canada, April 29–May 2, 2014
8. The Orbis Cascade Alliance Collaborative Technical Services Symposium, Portland, OR, Sept 18, 2013
9. The 2013 American Library Association Annual Conference, Chicago, IL, Jun 27–Jul 2, 2013
10. The ELUNA 2013 Annual Meeting, Athens, Georgia, April 30–May 3, 2013
11. The 2013 Mid–Winter Meeting, American Library Association, Seattle, WA, Jan 26, 2013
12. The Orbis Cascade Alliance Shared ILS Kick-off Meeting, Portland, OR, Jan 8–9, 2013
13. The Orbis Cascade Alliance Summer Meeting, Portland, OR, July 10–12, 2012
14. The 2012 American Library Association Annual Conference, Anaheim, CA, Jun 21–26, 2012
15. The 2012 Innovative User Group Conference, Chicago, IL, Apr 15–18, 2012
16. The Code4lib 2012, Seattle, WA, Feb 6–9, 2012

17. The Orbis Cascade Alliance's Collaborative Technical Services Symposium, Portland, OR, Dec 8, 2011
18. The 2011 American Library Association Annual Conference, New Orleans, LA, Jun 23–28, 2011
19. The 2010 Innovative User Group Conference, Chicago, IL, Apr 19–22, 2010
20. The 2008 Ex Libris Users of North America Conference, Long Beach, CA, Jul 29–Aug 1, 2008
21. The 2008 American Library Association Annual Conference, Anaheim, CA, Jun 26–Jul 2, 2008
22. The 2008 Mid–Winter Meeting, American Library Association, Philadelphia, PA, Jan 11–16, 2008

Continuing Education

1. The Positive and Professional Workplace, Central Washington University, Ellensburg, WA, Dec 15, 2015
2. Primo Early Certificate Training, University of Portland, Portland, OR, Jul 14-16, 2014
3. Project Management Workshop, Yakima, Jun 24, 2014
4. Grant Writing Workshop, April 4, 2014, Central Washington University, Ellensburg, WA
5. "Rights and Reputations: Coaching Faculty to Maximize Impact", Webinar, Feb 20, 2014, Central Washington University, Ellensburg, WA
6. "Getting Faculty Excited About Your IR...Really? Really!", Webinar, Feb 12, 2014, Central Washington University, Ellensburg, WA
7. "A Tour of bepress Digital Commons: Successful IRs in Action", Webinar, Jan 6, 2014, Central Washington University, Ellensburg, WA
8. "Chapter One: A Small College Library Joins the Open Access Movement", Webinar, Dec 5, 2013, Central Washington University, Ellensburg, WA
9. "Increasing the Visibility and Impact of Graduate Research with Electronic Theses and Dissertations (ETDs)", Webinar, Nov 7, 2013, Central Washington University, Ellensburg, WA
10. "Open-Access Publishing Advantages: A Case Study at the "Australian Journal of Teacher Education", Webinar, Oct 3, 2013, Central Washington University, Ellensburg, WA
11. Alma Certificate Training, Sept 3-5, Portland, OR
12. "cAPPS Manager Self Service Training", Aug 7, 2013, Central Washington University, Ellensburg, WA
13. "Publishing with bepress Digital Commons", Webinar, Mar 21, 2013, Central Washington University, Ellensburg, WA
14. "Institutional Repositories Supporting Community Engagement, Part 1: Campus and Community Partnerships at Linfield College", Webinar, Mar 7, 2013, Central Washington University, Ellensburg, WA
15. "A Tour of Bepress Digital Commons: Successful IRs in Action", Webinar, by Bepress, Feb 21, 2013, Central Washington University, Ellensburg, WA
16. Central Washington University ReSource 2013, Jan 31, Ellensburg, WA
17. "Preventing Employment Discrimination", Online Training, Feb 6, Central Washington University, Ellensburg, WA
18. "Preventing Sexual Harassment", Online Training, Jan 11, Central Washington University, Ellensburg, WA
19. "Bepress Digital Commons: The Magic Behind Search Engine Discoverability", Webinar, by Bepress, Jan 17, 2013, Central Washington University, Ellensburg, WA
20. "Online Lifelines: Virtual Communications & Reference for Distance Learners" Webinar by Southern Regional Library Council, NY, Dec13,2012, Central Washington University, Ellensburg, WA

21. “Information Literacy in the Age of Web–Scale Discovery: Fast Track and Summon at BGSU,” Webinar by Serials Solutions, Sept 27, 2012, Central Washington University, Ellensburg, WA
22. “Social Entrepreneurship in Action: Digitizing Our Cultural History” Webinar, by LLAMA, Sept 19, 2012, Central Washington University, Ellensburg, WA
23. “Alma 101: Overview and Demonstration” Webinar, by Ex Libris, Sept 18, 2012, Central Washington University, Ellensburg, WA
24. LexisNexis Academic Webinar, Sept 11, 2012, Central Washington University, Ellensburg, WA
25. “Advanced Techniques For Adaptive Streaming” Webinar, by Streaming Media, July 26, 2012, Central Washington University, Ellensburg, WA
26. OCLC WorldShare Management Services demonstration, Mar 6, 2012, Central Washington University, Ellensburg, WA
27. OCLC WorldShare Management Services webinar, Feb 29, 2012, Central Washington University, Ellensburg, WA
28. “Code of Best Practices in Fair Use for Academic and Research Libraries”, webcast, Association of Research Libraries, Jan 26, 2012, Central Washington University, Ellensburg, WA
29. IR presentation for Digital Commons, by Bepress, Nov 16, 2011, Central Washington University, Ellensburg, WA
30. Preventing Employment Discrimination, Nov 10, 2011, Central Washington University, Ellensburg, WA
31. Preventing Sexual Harassment, Nov 9, 2011, Central Washington University, Ellensburg, WA
32. What’s New and Upcoming with Summon Service webinar, by Serials Solutions, Nov 8, 2011, Central Washington University, Ellensburg, WA
33. Foundations of Effective Supervision, Oct 11, 2011, Central Washington University, Ellensburg, WA
34. Providing Corrective Feedback, Sept 29, 2011, Central Washington University, Ellensburg, WA
35. Microsoft SharePoint, Oct 26, 2008, Yale University, New Haven, CT
36. Communication: Effective Listening, Oct 21, 2008, Yale University, New Haven, CT
37. Mistake–Free Grammar & Proofreading, Oct 7, 2008, Yale University, New Haven, CT
38. Business Writing, Sept 10–17, 2008, Yale University, New Haven, CT
39. Managing Up for Non Supervisors, Sept 4, 2008, Yale University, New Haven, CT
40. Understanding MARC Better, Aug 27, 2008, Yale University, New Haven, CT
41. Project Management, Aug 4–6, 2008, Yale University, New Haven, CT
42. Word Level 2, Jun 9, 2008–Jun 11, 2008, Yale University, New Haven, CT
43. HTML 4.01: Web Authoring–Level 1, Mar 27, 2008, Yale University, New Haven, CT
44. Refining Speaking and Writing for Speakers of English as a Second Language, Sept 26, 2007 – Oct 24, 2007, Yale University, New Haven, CT

Library Skills

Integrated Library Systems: Alma (certified Alma admin), Unicorn, Voyager, and Millennium;

Discovery Platforms: Primo (certified Primo admin), Encore, and WorldCat Local;

Links Resolvers: Alma, SFX, and Webbridge;

Federated Search Tools: MetaLib, and Research Pro;

Institutional Repositories: bepress Digital Commons and Dspace;

Open Sources: Omeka;

Proxy: EZproxy;

Standards: OAI–PMH, MARC 21, Z39.50, and HTTP.

Computer Skills

HTML, XML, Unix, Win-NT, Oracle, SQL, Perl, Unix Shell, C/C++, PHP

Certifications

Ex Libris Certified Alma administrator (2014), Ex Libris Certified Primo administrator (2014), Certificate of Project Management (2014, PARK University Enterprises, Inc.); Certificate of Project Management (2008, George Washington University)

Languages: English (full professional proficiency), Chinese (native), French (limit working)