

DOROTHEA SALO

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EXPERIENCE

Instructor, Faculty Associate, School of Library and Information Studies, University of Wisconsin–Madison, 2007–present

- Designed and taught LIS 644, “Digital tools, trends, and debates”
- Designed and taught LIS 668 “Digital curation”
- Designed and taught LIS 855 “Publishing, knowledge institutions, and society: e-revolutions”
- Designed and taught LIS 341, “Research data management across the disciplines”
- Redesigned and taught LIS 652 “XML, document structures, and metadata”
- Redesigned and taught LIS 551, “Organization of information”
- Taught LIS 751, “Database design for information organizations”
- Taught LIS 351 (undergraduate course), “Introduction to digital information”
- Designed and taught continuing-education courses, including “XML and Linked Data,” “Introduction to Research Data Management,” “Collecting Self-Published Materials in Public Libraries,” “Digital Asset Management”
- Advised and mentored students
- Served on Curriculum Committee, Awards Committee, Library/IT Committee, Assessment Committee, 2014 Accreditation Task Force, Center for Leadership and Involvement Leadership Certificate Evaluation committee, several search committees
- Co-led and served on multi-unit Research Data Services (<http://researchdata.wisc.edu/>)
- Named Discovery Fellow, Wisconsin Institute of Discovery, 2013

Digital Repository Librarian, Research Services Librarian, University of Wisconsin, 2007–2011

- Co-led multi-unit Research Data Services (<http://researchdata.wisc.edu/>), including NSF data-management plan consulting and training
- Advised individuals on copyright-related reuse and permissions questions
- Managed MINDS@UW institutional repository, <http://minds.wisconsin.edu/>
- Doubled MINDS@UW item count annually three years running
- Promoted MINDS@UW to faculty, recruited content, and trained faculty in MINDS@UW use
- Performed batch imports and document format conversions
- Chaired local MINDS@UW technical committee, system-wide repository task force
- Served on campus/library research-computing and scholarly-communication committees
- Redesigned MINDS@UW user interface for upgrade to DSpace 1.5.1
- Developed conversion processes and code for migration from DSpace to Fedora

Instructor, University of Illinois, 2009, 2011, 2012

- Taught LIS 590CDO, “Topics in Collection Development”
- Taught LIS 590DCL, “Introduction to Data Curation”

Digital Repository Services Librarian, George Mason University, 2005–2007

- Managed Mason Archival Repository Service (MARS), <http://mars.gmu.edu/>, as well as local journal-hosting initiative <http://journals.gmu.edu/>
- Promoted MARS to faculty, recruited content, and trained faculty in MARS use
- Wrote MARS policy and usage guidelines
- Checked copyright status on submissions; handled MARS content licensing
- Redesigned MARS’s DSpace user interface for attractiveness and usability
- Performed batch imports and data format conversions
- Managed MARS server; performed testing and upgrades

Student worker, Digital Content Group, University of Wisconsin Libraries: Spring 2005

- Updated and improved TEI markup for digitized print books
- Helped implement Microsoft Reader and Palm ebook conversions for existing content

Proprietor, Text Artisan Guild: 2003–2007

- Edited DRM specification for the National Library Service for the Blind and Physically Handicapped
- Performed technical review on books and specifications
- Converted data from Quark to XML and PHP arrays
- Consulted on workflow re-engineering projects
- Spoke for various academic and technical groups
- Architected, designed, and built internet and intranet sites

Project Assistant 2, IS Data Services Specialist: Puerto Rican Census Project, University of Wisconsin Survey Center, 2002–2004

- Maintained custom Visual Basic programming and SQL queries for Microsoft Access data-entry and data-verification databases
- Performed automated and manual checks on data integrity and compliance
- Entered data from microfilm in accordance with complex compliance rules
- Documented data format and data-management procedures

XML/OEB Developer: OverDrive Inc., 2001–2002

- Converted books from Quark XPress to OEBPS-compliant XML/CSS
- Trained staff on XML
- Evaluated and prototyped new workflows and conversion systems
- Represented company on Open eBook Publication Structure Working Group

Electronic Publishing Specialist, Typesetter, Training and Procedures Specialist: Impressions Book and Journal Services, 1999–2001

- Designed and documented SGML and XML Document Type Definitions for dictionaries, primary and secondary historical works, and scholarly/scientific books and journals
- Engineered front-end and back-end workflows for SGML/XML-based book production
- Converted data from various formats to SGML/XML and electronic books
- Typeset books and journals on Penta system
- Trained staff and wrote internal documentation on various technical topics
- Represented company to Open eBook Forum

Teaching Assistant, Spanish: University of Wisconsin-Madison, 1997–98

- Taught first- and second-year college Spanish
- Planned lessons, helped write exams, created in-class activities, met with individual students, graded student work

Administrative Assistant: Pharmaceutical Product Development, 1994

Computer-lab Consultant: University Computing Services, Indiana University, 1993

SELECTED TECHNICAL SKILLS

SGML/XML: Design and document DTDs and XML Schemas. Mark up and convert documents. Write XSLT transformations. Some RelaxNG, SAX. Familiar XML vocabularies include: Dublin Core, EAD, METS, MODS, EPUB, TEI, XHTML, RSS, Atom.

Web design and information architecture: Design accessible, usable, standards-compliant websites that look good in modern browsers. Familiar with HTML5, XHTML, CSS1, CSS2, SSI, CGI, Drupal, Movable Type, WordPress, wiki software.

Database design and management: Design (using ERD methods) and build small databases. Functional in SQL. Manage PostgreSQL, MySQL Server.

Programming: Intermediate-level Python, some Visual Basic, some Java.

Systems administration: Functional with Unix command-line, Postgres, Apache configuration.
Automated text conversion: Convert from Quark XPress, Penta, Microsoft Word, and miscellaneous text-based typesetting formats to markup.
Ebooks: Design and code ebooks in EPUB format.
Data curation: Conversant with standards and procedures for curation of research data.

SELECTED BIBLIOGRAPHY

Books and book chapters

A Research Guide to Fantasy Authors. With Jen Stevens. Greenwood Press (2008).
“Libraries as E-Publishers.” In Rachel Singer Gordon ed. *Information Tomorrow* (2007).
“Electronic books and the OEBF Publication Structure.” With Allen Renear. In *The Columbia Guide to Digital Publishing*. Columbia University Press (2002) pp. 455–520.

Peer-reviewed articles

“How to Scuttle a Scholarly Communication Initiative.” *Journal of Librarianship and Scholarly Communication* 1:4 (2013).
Raboin, Regina, Rebecca C. Reznik-Zellen, and Dorothea Salo. “Forging New Service Paths: Institutional Approaches to Providing Research Data Management Services.” *Journal of eScience Librarianship* 1:3 (2012).
“Who Owns Our Work?” *Serials* 23:3 (November 2010).
“Retooling Libraries for the Data Challenge.” *Ariadne* 64 (July 2010).
“Name Authority Control in Institutional Repositories.” *Cataloging and Classification Quarterly* 47:3/4 (April 2009).
“Innkeeper at the Roach Motel.” *Library Trends* 57:2 (2008).

Popular articles and book reviews

“Federal Research-Data Requirements Set to Change.” With Abigail Goben. *College & Research Libraries News* (September 2013).
“Review of Graham Pryor ed. *Managing Research Data.*” *Collaborative Librarianship* (forthcoming).
“Review of Jenny Sundén and Malin Svenningsson, *Gender and Sexuality in Online Game Cultures: Passionate Play.*” *Feminist Collections* 33:3 (Summer 2012).
Monthly columnist, “Peer to Peer Review,” *Library Journal* (2012–present).
“Respect My Praxis.” #alt-academy: *Alternative Academic Careers* (2011).
“Review of Mark Jordan, *Putting Content Online: A Practical Guide for Libraries.*” *Journal of Web Librarianship* (Winter 2007).
“Review of Neil Jacobs ed. *Open Access: Key Strategic, Technical and Economic Aspects.*” *Journal of Web Librarianship* (Summer 2007).
“Design Speaks.” *netConnect, Library Journal* (15 October 2006).

Conference presentations, papers, posters, workshops, and tutorials

“Don’t Make Me Think!” Digital Frontiers 2014 (keynote)
“The Purple Squirrel (and other damaging technology myths.” Conference on Law School Computing 2014, Harvard Law School (keynote)
“Protecting Patron Privacy on Library Computers.” Library Technology Conference 2014
“Soylent SemWeb Is People!” Semantic Web in Libraries 2013 (keynote)
“Is This Big Data Which I See Before Me?” OCLC Collective Insight series, “Driven by Shared Data” May 2013 (invited)
“Educators Together.” Iowa Library Association/ACRL Conference 2013 (keynote)

“Research Data and Scholarly Communication.” Marquette Scholarly Communication Symposium 2013 (invited)

“Open-source Software in Libraries.” Wisconsin Library Association Annual Conference 2012 (invited)

“Manufacturing Serendipity,” 2012 E-Science Symposium (invited), Coalition for Networked Information 2011 Spring Meeting

“Occupy Copyright!” Syracuse University Open Access Week 2011 (invited)

“Avoiding the Heron’s Way: Planning for a Practical Institutional Repository,” WiLSWorld 2011 (invited)

“Librarians Love Data!” and “I Own Copyright, So I Pwn You (and your little library, too!)” Special Libraries Association Annual Conference 2011 (invited)

“Top Tech Trends” and “Turning Collection Development Inside-Out.” OLA Superconference 2011 (invited)

“A comparative analysis of institutional repository software.” With Siddharth Kumar Singh and Michael Witt, Open Repositories 2010

“So, are we winning yet?” Electronic Resources and Libraries conference-planning session, 2010 (invited)

“Escapar la carrera de la reina.” University of Puerto Rico, Open Access Week 2009 (invited)

“Solving problems with Web 2.0.” Catholic Librarians’ Association, Wisconsin chapter, 2009 (invited)

“Grab a bucket! It’s raining data!” Access 2009, Charlottetown PEI, Canada (invited)

“Institutional Repositories: The Phoenix Reborn.” WiLSWorld 2009, Madison WI (invited)

Featured guest, ALCTS Scholarly Communication Interest Group meeting, ALA Annual 2009

“Even the Loons are Licensed.” Health Sciences Librarians of Minnesota, Minneapolis MN, June 2009

“Preservation and institutional repositories.” 2009 Summer Institute on Humanities Data Curation, University of Illinois (invited)

“Escaping the Red Queen’s Race with Open Access.” Inauguration of “Island Scholar,” University of Prince Edward Island, 2008 (invited)

“A Successful Failure: Requirements Gathering for DSpace.” DSpace User Group meeting, SPARC Digital Repositories 2008 (invited)

“Use Cases and Usability.” Repository Fringe 2008, Edinburgh, Scotland

“Le IR, c’est mort; vive le IR!” Keynote address, Repository Fringe 2008, Edinburgh, Scotland

“Survivor: Interface!” Midwest Library Technology Conference 2008

“Five Weeks to a Social Library.” Poster session, ASIST Annual Conference 2007

Panel member, “The Future of Institutional Repositories: the Experts Debate.” ASIST 2007

Panel member, “Live Usability Lab: Open Access Archives and Institutional Repositories.” ASIST 2007

“Making DSpace Your Own” with Timothy Donohue, University of Illinois at Urbana-Champaign Joint Conference on Digital Libraries 2006; ASIST 2007

“Open Access for Teachers.” HigherEdBlogCon 2006, <http://hdl.handle.net/1920/818> and <http://www.higheredblogcon.com/index.php/open-access-for-teachers/>

“Classification, Cataloguing, and Categorization Systems: Past, Present, and Future” Extreme Markup 2004, Montreal Canada

“Accessibility in Database Search Pages” presented for “Web Tools for Librarians” Continuing Education Seminar, University of Wisconsin at Madison, 13 May 2004

“Page and Screen: The Collision of Print and Electronic Publishing”

- Computers in the Humanities Users Group (Brown University, 15 March 2001; invited)
- Microsoft’s Research Center (9 May 2001; invited)
- Association of Computing and Information Systems, University of Illinois–Urbana-Champaign (25 October 2001; invited)

PROFESSIONAL AFFILIATIONS, SERVICE, AND AWARDS

College of Letters and Science Early Career Award, 2013
Instructor, Digital Humanities Data Curation Institute, 2013
Instructor, Digital Humanities Winter Institute, 2012
Research Data Services, co-lead (2010–2012), member (2012–present)
Cyberinfrastructure Days planning committee, 2010
Preservation Task Force, University of Wisconsin–Madison Libraries, 2009
Library Journal Mover and Shaker, 2009
Winner, 2008 Open Access Day Synchronoblogging Competition, for “My Father the Anthropologist,”
<http://cav1ec.yarinareth.net/2008/10/14/my-father-the-anthropologist/>
Chair, Council of University of Wisconsin Libraries Institutional Repository Task Force, 2008
Scholarly Communication and Publishing Committee, University of Wisconsin–Madison, 2007–2010
Research Support and Services Committee, University of Wisconsin–Madison, 2007–2008
Planning committee, “Five Weeks to a Social Library” online workshop, February–March 2007
Member, Washington Research Library Consortium’s DSpace Working Group, 2005–2006
Invited contributor, TechEssence, <http://www.techessence.info/>
Chair, George Mason University Libraries Branding and Communication Task Force, 2006

Standards work

Member, NISO Content and Collections Management working group (2011–present)
Technical editor, DAISY Protected Digital Talking Book standard (2007)
Editor, Open eBook Publication Structure version 1.0.1
Scribe, Open eBook Forum Publication Structure Working Group, 2000–2002

PRESENTATION, COMMUNICATION, AND TRAINING

Fluent oral and written Spanish. Read French, Portuguese, Latin.
Write training materials and FAQs on technical topics
Provide software support for various applications on various platforms
Create and deliver effective presentations on technical topics

Additional training

Summer Institute on Data Curation, University of Illinois, 2008 and 2009
Copyright Law and Integrated Access to Digital Course Materials, Georgia Harper, University of Maryland University College, 2008
Orphan Works, Gigi Sohn, University of Maryland University College, 2009
Campus Copyright Policy, Steven McDonald, University of Maryland University College, 2009

EDUCATION

MLS, School of Library and Information Studies, University of Wisconsin–Madison. Coursework included: Virtual Collection Development, Information Architecture, Database Design, Research Methods, Online Reference, Systems Analysis and Design, Computer Networking
MA, Spanish: University of Wisconsin–Madison.
BA with Highest Distinction, Comparative Literature and Spanish: Indiana University–Bloomington.
High school diploma: W.G. Enloe High School, Raleigh NC
Selected honors and awards: Phi Beta Kappa, Jacob K. Javits Fellowship, National Merit Scholar, Valmai Fenster Award (for outstanding promise of exceptional scholarly contribution to the [library] profession), Outstanding Student Scholar Finalist, Beta Phi Mu, C. Berger Entrepreneurial Promise Award.

References available upon request.