

Education

Ph.D. in Information Science University of North Carolina, Chapel Hill, Dec 2009

Masters in Library and Information Science University of South Carolina May 1996

Bachelors of Arts in Literature Lenoir-Rhyne College Dec 1994

Summary of Qualifications

Librarianship & Management

Coordinate and supervise staff to serve technology goals of library

Manage the administration and implementation of library information systems

Experience managing library and institution wide IT projects

Coordinate software development to serve library information and service needs

Extensive experience implementing and managing integrated library systems

Extensive experience in developing and managing metadata and ontology systems

Collection management experience as subject matter specialist in Computer & Information Science

Working knowledge of processes & workflows in library divisions, including acquisitions,

circulation, collection management, digital collection management, reference and serials

Information technology skills

Comprehensive working knowledge of library related information technology and standards

Familiar with emerging trends in information technology

Ability to develop software in a variety of environments including Perl, PHP, Objective C (iPhone

SDK), XML/XSLT

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Experience with relational database applications including Oracle and MySQL

Server administration (Linux, Solaris, Windows) in physical and cloud environments

Experience implementing and managing digital library applications

Server and client level hardware, operating system and application experience

Teaching and research

Instructor of graduate level information and library science courses

Instructor in Information Literacy course, bibliographic and technical instruction experience

Familiar with quantitative and qualitative research methods

Experience in survey and experiment design and statistical analysis

Experience on Institutional Review Board

Experience coordinating large public events

Experience

Assistant Director for Technology Services

Wake Forest University June 2008 - Present

Systems / IT Development Librarian

Wake Forest University July 1999 - June 2008

Manage the technology services of the Z. Smith Reynolds Library including web services, library systems, multi-media services, and digital library projects. Manage staff of 5 professionals in a rapidly changing information service environment. Implement and administer integrated library systems. Develop and administer library system projects in conjunction with other members of the Technology Team. Design software for library specific applications. Design, implement, and support information systems and structures to support digital library initiatives. Serve as liaison with other campus libraries and Information systems as related to Voyager and other technology issues. Support the computing needs of staff and patrons of Wake Forest University. Maintain comprehensive knowledge of all modules of library systems and train other library staff in use. Advise library staff on information technology issues

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and needs. Train students, faculty and staff in use of common university software, computers, and peripherals. Indirectly supervise 10 FTE student employees. Teach credit bearing section of Information Literacy course.

Adjunct Instructor, Teaching Fellow University of North Carolina at Chapel Hill Fall 2007-Fall 2008
Adjunct Instructor UNC at Greensboro Fall 2007, Spring 2010

As a teaching fellow / adjunct instructor, I have taught an online course in Indexing and Abstracting (University of North Carolina Greensboro), and classroom based courses on Information Organization and Internet Applications (University of North Carolina Chapel Hill). All of these courses were taught in the Information science /Library science schools at UNC-CH and UNCG. Complete course design and materials are available at <http://erikmitchell.info/courses-taught/>. In these classes I employed both in-person and online instruction techniques and sought to create an environment of exploration which taught both theoretical concepts and technical skills.

Coordinator of Technology, Reference, and Serials Pfeiffer University August 1996 – June 1999

Install and administer the Voyager library automation system. Design and manage the library website. Implement electronic / distance education services, including off campus access for NCLIVE, document delivery, and standard library services. Provide support for sun and NT servers, and PC workstations.

Support a Sun box running Voyager, PC hardware and software, including Win 95, NT, and Linux. Familiar with TCP/IP and Z39.50 protocols and Win NT/95 networking. Knowledge of HTML, Javascript and C++. Working knowledge of Oracle databases, SQL, and a variety of web applications, including Apache and Netscape servers. Provide bibliographic instruction to students, faculty, and staff. Provide training and support for library software applications.

Serve as primary reference and public service contact to library patrons. Serve as electronic services librarian to distance education students. Library liaison to the Charlotte Campus. Manage daily periodicals and interlibrary loan tasks. Coordinate periodical binding, claiming, and organization.

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Graduate/Library Assistant

University of South Carolina January 1994 - Aug 1996
Sinkler & Boyd Law Library May 1996 - August 1996

Graduate assistant to Medical school library during education at the University of South Carolina. Half time at the circulation / reference desk and half time in the school's computer lab. Provided Reference assistance and computer support during evenings and weekends. At the law library, responsible for managing serials and providing reference assistance as needed. Received training for providing reference help using Lexis-Nexis, Legal reference resources, and periodicals.

Research, grants and awards

Research

Metadata Literacy: An evaluation of student and librarian perspectives on metadata. University of North Carolina – Chapel Hill. Doctoral Research. Summer/Fall 2009.

Using library 2.0 techniques in information literacy. Wake Forest University Spring 2007, Spring 2008

Comparative analysis of use of digital libraries in the classroom. Spring 2007. University of North Carolina at Chapel Hill.

Digital Libraries & Inquiry Based Learning; A project involving a WFU history course. Wake Forest University Fall 2006

Grants and Awards

Employee of the year, Z. Smith Reynolds Library, May 2009.

DuraSpace Open Access Week Award – DigitalForsyth project, 2009

LSTA grant – DigitalForsyth, a community digital library, Wake Forest University

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LSTA grant – EAD migration project, Wake Forest University

LSTA grant – Samuel and Sara Wait collection, Wake Forest University

LSTA grant – Library infrastructure grant, Pfeiffer University, 1998

LSTA grant – Library automation grant, Pfeiffer University, 1999

Teaching record

Indexing and Abstracting at University of North Carolina at Greensboro (School of Library and Information Science) Online (Fall 2007, Spring 2010)

Information Organization at University of North Carolina at Chapel Hill (School of Information and Library Science) (INLS 520) (Fall 2007, 2008)

Internet Applications at University of North Carolina at Chapel Hill (School of Information and Library Science)(INLS 572) (Spring 2008)

Information Literacy at Wake Forest University (Fall 2004, Spring 2005, Fall 2005, Spring 2006, Fall 2007, Spring 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009)

Social Stratification in the American South at Wake Forest University. Embedded Librarian in travelling course. May-June 2009.

Workshop and event planning

Race Coordinator for Wake the library 5K and 1 Mile Fun Run, October 10th, 2009.

<http://zsr.wfu.edu/wt15k>

Coordinator for DigitalForsyth teacher education workshop. May 16, 2009.

<http://digitalforsyth.org/community/teachers>

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Race Coordinator for Wake the library 5K and 1 Mile Fun Run, October 11th, 2008.

<http://zsr.wfu.edu/wt15k>

Workshop assistant for JCDL Metadata Tools for Digital Resource Repositories Workshop, June 15,

2006: http://www.ils.unc.edu/mrc/jcdl2006/tools_workshop.html.

MugInC / TNT technology workshop. Greensboro, NC 2000.

Systems designed and implemented

Selected systems implemented

Bibapp, A front-end discovery interface for DSpace, Wake Forest University, 2009

Vufind, A next-gen catalog interface for Voyager, Wake Forest University, 2009

Pharos Pay-for-print system, Fall 2004, Integration with University systems, 2009

DSpace , Institutional repository and digital library software, Wake Forest University, 2008

Meridian Electronic Resource Management system, Wake Forest University, 2006

Illiad Interlibrary Loan software, Wake Forest University, 2003

Encompass digital library system, Wake Forest University, 2002

Ariel document transfer software, Wake Forest University, 2000

Voyager Integrated Library system, Wake Forest University, 1999

Voyager Integrated Library system, Pfeiffer University, 1998

Selected Software development

MARC record modification and loading programs for Vufind system implementation, 2009

Data transformation and migration programs to convert XML data for digital library system
migration, 2008

EAD to Dublin Core / MARC conversion program, 2006

Reserves public interface 2007, Electronic reserves tracking system, 2002

XML/XSL based digital library interface, Driven on Encompass platform, 2005

Service-based Federated service application – Proof of concept application, 2004

Server based FTP transfer software – Enabled staff-driven transfer of EDI and other system related files, 2003

Samuel Wait digital collection, Wake Forest University, 2002

“Find a database” – database discovery system, Wake Forest University, 2000

University and professional service

Library faculty executive committee, 2009 – present

LITA Library Hi-Tech Awards committee, 2009-2010

Member of ASERL Digital digitization team, 2009 - present

Member IRB approval board, Wake Forest University, 2008 – present

Scholarly Communications Committee, Wake Forest University 2008 - present

Implementation committee for Intellectual Underpinnings of the American Civil War, ASERL, 2009

Member of OLE Project Build Team, 2008 – 2009

Member of NCLIVE Technical Advisory Committee, 2004 – present

Secretary, MUGLNC, 2000-2004

Media enhancement sub-committee, 2000-2002

Secretary, Metrolina Library Association, 1998-1999

Selected post degree training / coursework

iPhone Programming – self paced (Stanford CMS)	Spring	2010
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INLS 994 – Doctoral Dissertation	Fall	2009
Peabody Leadership institute in Academic Libraries	Summer	2009
INLS 994 – Doctoral Dissertation	Spring	2009
WFU management workshops	Spring	2009
Project management	Spring	2009
IRB Workshop training	Fall	2008
INLS 994 – Doctoral Dissertation	Fall	2008
INLS 994 – Doctoral Dissertation	Spring	2008
MTH 668 – Mathematical statistics II	Spring	2008
MTH 667 – Mathematical statistics I	Fall	2007
INLS 994 – Doctoral Dissertation	Fall	2007
INLS 696 – Independent study in teaching	Fall	2007
Making DSpace your own, ASIST pre-conference	Fall	2007
INLS 882 – Issues / Questions in Information Science	Spring	2007
INLS 881 – Issues / Questions in Information Science	Fall	2006
INLS 715 – User Perspectives	Fall	2006
INLS 696 – Independent Research	Fall	2006
INLS 300 – Independent Research	Summer	2006
INLS 180 – Human Information Interaction	Spring	2006
INLS 150 – Organization of information	Spring	2006
INLS 210 – User Services in Cultural Repositories	Fall	2006
INLS 252 – Metadata	Fall	2006
Meridian ERMS Functional Training	Summer	2005
Illiad Management & Reporting training	Spring	2005

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Illiad Functional Training	Fall	2004
Encompass Functional Training	Spring	2003
Windows XP, Server 2000 Training	Spring	2002
Macromedia Flash Introduction	Spring	2001
Certification 500 – Rolling your own Voyager Upgrade	Spring	2001
Introduction to XML	Spring	2001
DHTML & Javascript	Fall	2000
VBA for MS Access (PPI)	Fall	1999
Visual Basic 6.0 (PPI)	Fall	1999
Object Oriented Programming, Pfeiffer University	Spring	1999
NCLIVE Trains the Trainer, Vendor Boot Camp	Fall	1998
Voyager Functional Training	Spring	1998
Voyager Systems Administrator Training	Summer	1997

Publications

Mitchell, Erik. Using cloud services for library IT infrastructure. Code4Lib Journal. Issue 9. 2010.

In Press

Mitchell, Erik. Going cloud for web services. web.tech.lib series. Journal of Web Librarianship.

November-December, 2009. In Press.

Mitchell, Erik and Susan Smith. Bringing information literacy into the social sphere: A case study using social software to teach information literacy at WFU. Journal of Web Librarianship.

3/3. July-September 2009.

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- Mitchell, Erik. Exploring the role of metadata in health information applications. UK Health Informatics Newsletter. Fall 2008. <http://www.chime.ucl.ac.uk/ukhit/UKHIT572-autumn-2008.pdf>
- Mitchell, Erik, and Cristina Yu. Bringing delivery into the fold: A discussion of cross-departmental document delivery service implementation in academic libraries. *Journal of Access Services*. 5/1-2. 2007. Co published as a chapter in *Best practice in access service*. Edited by Lori Driscoll.
- Mitchell, Erik and Kevin Gilbertson. Using open source software as a digital library interface: A case study. *D-Lib magazine*. 14 3/4. March/April 2008.
- Smith, Susan., Mitchell, Erik., & Numbers, Caroline. (2007). Building Library 2.0 into Information Literacy: A Case Study. In L.B. Cohen (Ed.), *Library 2.0 initiatives in academic libraries*. Chicago: Association of College and Research Libraries.
- Mitchell, Erik. Integrating Library Services: A Proposal to Enable Federation of Information and User Services. *Internet Reference Service Quarterly*. 12.3/4, 2007. Co-published as a chapter in *Federated Search: Solution or Setback for Online Library Services*.
- Mitchell, Erik. Introduction to Perl Scripting. *Muglnc Newsletter*. Spring 2001

Presentations

- Mitchell, Erik. Cloud computing for library services. Presentation accepted for 2010 ALA Annual meeting, June 2010
- Mitchell, Erik. DigitalForsyth and Open Access: A presentation during the Sun/ SPARC OA Week Kick-off Presentation and Presentation of DuraSpace OA Week Winners. Sun in Education Webinar Series. Oct 14th, 2009. <http://www.education-webevents.com/>
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Mitchell, Erik. DigitalForsyth and learning: A presentation to Winston Salem Forsyth County

School system leaders. August 5th, 2009. Reagan High School.

Lock, Mary Beth, Susan Smith & Erik Mitchell. Competing for fun and funds; the first annual Wake

the library 5K. Presentation. Inspiration, Innovation, Celebration: an entrepreneurial

conference for librarians. Greensboro, NC June 2009

Mitchell, Erik, Kevin Gilbertson. DigitalForsyth: An NCEcho funded collaborative digital library.

Presentation. Launc-CH. Chapel Hill, NC March 2009.

Mitchell, Erik, Susan Smith, and Caroline Numbers. Bringing Information Literacy into the Social

Sphere: A Case Study Using Social Software to Teach Information Literacy at Wake Forest

University. Presentation. LITA national forum. Cincinnati, OH October 2008.

Mitchell, Erik, and Melissa Thibault. Using digital libraries to support curricula: A case study of the

collaboration between DigitalForsyth and Learn NC. Presentation. NCAECT annual

meeting. Concord, NC March 13, 2008.

Mitchell, Erik, Organization as meta-literacy: evaluating student use of metadata and information

organization principles in the classroom. Poster presentation at American Society for

Information Science Conference, Classification Research Workshop. October 20th, 2007.

Mitchell, Erik. and Lauren Pressley. Social Software and the future of libraries. Presentation.

Solinet Annual Users Meeting. May 11-12, 2007. Atlanta, GA

.Mitchell, Erik. Using EBL practices in strategic planning. Poster presentation. EBLIP conference.

May 7-9, 2007. Chapel Hill, NC

Mitchell, Erik. Integrated Library Services. Poster presentation. LITA national forum. Oct 28th,

2006. Nashville, TN.

Mitchell, Erik. Implementation of Meridian Case Study. Endeavor Users Group meeting, Chicago,

IL. Spring 2006

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Mitchell, Erik. Techniques for implementing digital collections using EDC. Endeavor Users Group meeting, Chicago, IL. Spring 2005

Mitchell, Erik. Implementing Encompass (EDC, ERA, & LFP)– A Case Study. Endeavor Users Group meeting, Chicago, IL. Spring 2004

Mitchell, Erik, and Christian Burris. Serials EDI & Voyager. Endeavor Users Group meeting, Chicago, IL. Spring 2003

Mitchell, Erik and Susan Smith. Using Javascript, CSS, and SSI to enhance Webvoyage – Voyager Users Group Meeting. Chicago, IL Spring 2002

Mitchell, Erik and Mary Horton. Using CallSlip for Remote Storage. Voyager Users Group Meeting. Chicago, IL. Spring 2001

Mitchell, Erik. Lisa Mitchell. Creating virtual art tours using powerpoint. North Carolina Art Education Association annual meeting. Winston Salem, NC Fall 2001.

Mitchell, Erik, et al. Media Scheduling 101. Voyager Users Group Meeting. Chicago, IL. Spring 2000

Memberships

American Library Association

American Society for Information Science & Technology

Association for Library Collections & Technical Services

Library Information Technology Association
