

## Education

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*Ph.D. in Information and Library 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

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### *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

### *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

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

### *Librarianship & Management*

Coordinate and supervise staff to serve technology goals of library

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# Erik T. Mitchell

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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

## Experience

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*Assistant Director for Technology Services  
Systems / IT Development Librarian*

Wake Forest University June 2008 - Present  
Wake Forest University July 1999 - June 2008

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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 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  
Adjunct Instructor*

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

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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

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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.

## ***Graduate/Library Assistant***

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

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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

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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**

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### *Research*

PhD Librarians in Professional Practice. An investigation of practices of PhD librarians in higher education. Research in progress. Co-investigators Jeffery Loo, PhD. Susan Rathbun – Grubb, PhD. <http://sites.google.com/site/phdlibrarians/>

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*

Technology exploration grant – Wake Forest University, June 2010

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

LSTA grant – EAD migration project, Wake Forest University

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

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LSTA grant – Library infrastructure grant, Pfeiffer University, 1998

LSTA grant – Library automation grant, Pfeiffer University, 1999

## Teaching record

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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, Fall 2010)

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

## Workshop and event planning

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Mitchell, Erik. Cloud computing for library services. 4 hour session in the LITA track. 8 panelists presenting. 2010 ALA Annual meeting, June 2010

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

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

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

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

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

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

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

2006: [http://www.ils.unc.edu/mrc/jcdl2006/tools\\_workshop.html](http://www.ils.unc.edu/mrc/jcdl2006/tools_workshop.html).

Muglnc / TNT technology workshop. Greensboro, NC 2000.

## **Systems designed and implemented**

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### *Selected systems implemented*

LAS, A high-density inventory control system, Wake Forest University, 2010  
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

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

## University and professional service

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Short paper reviewer, ASIS&T conference 2010

Library faculty executive committee, 2009 – 2010

LITA Library Hi-Tech Awards committee, 2009-2010, Chair - 2010-2011

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

## Invited presentations

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Mitchell, Erik. LITA Top Technology Trends panel. ALA Midwinter, 2011 conference. San Diego, CA. January 9, 2011.

Mitchell, Erik. Reading the silver lining: The potential of cloud computing for libraries. Indiana Online Users Group Meeting. Keynote presentation. Indianapolis, IN. 5 Nov, 2010.  
<http://www.slideshare.net/mitcheet/read-the-silver-lining-the-potential-of-cloud-computing-for-libraries>.

Mitchell, Erik. Library services through cloud computing: Case studies on services, platforms and infrastructure. Invited talk. University of California at Berkeley. July 27, 2010.

Mitchell, Erik and Earl Smith. Social Stratification in the American South – using technology to enhance service learning. TRI-IT conference. March, 31 2010. Winston Salem, NC.  
<http://prezi.com/kdftrfri437g/>

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## Publications

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- Mitchell, Erik. Leveraging Site-Search and analytics to maintain a user-centric focus. web.tech.lib series. Journal of web Librarianship. In Press
- Mitchell, Erik. What cloud computing means for libraries. Chapter in Introduction to cloud computing. Neal Schuman. In Press
- Mitchell, Erik. Something this popular has to be good: Why libraries love intranets. web.tech.lib series. Journal of Web Librarianship. In Press
- Mitchell, Erik. Using cloud services for library IT infrastructure. Code4Lib Journal. Issue 9. 2010.
- Mitchell, Erik. Going cloud for web services. web.tech.lib series. Journal of Web Librarianship. November-December, 2009.
- 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.
- 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.
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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**

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Mitchell, Erik, Kevin Gilbertson, Jean-Paul Bessou. Making your IT Skills Virtual: Tools for learning how to implement and manage cloud based services. LITA National Forum. Atlanta, GA, Oct 1, 2010.

[http://connect.ala.org/files/74205/making\\_your\\_it\\_skills\\_virtual\\_mitchell\\_gilbertson\\_58597.ppt](http://connect.ala.org/files/74205/making_your_it_skills_virtual_mitchell_gilbertson_58597.ppt)

Mitchell, Erik. Generalizing mobile applications for multiple libraries. LITA National Forum. Atlanta, GA, Oct 2, 2010.

[http://connect.ala.org/files/74205/generalizing\\_mobile\\_sites\\_multi\\_library\\_mitchell\\_p\\_19188.ppt](http://connect.ala.org/files/74205/generalizing_mobile_sites_multi_library_mitchell_p_19188.ppt)

Mitchell, Erik. Cloud computing for library services. Presentation accepted for 2010 ALA Annual meeting, June 2010

Mitchell, Erik and Susan Smith. #Socstrat leveraging social and mobile technologies in experiential courses. Educause Southeast conference. June 3, 2010. Atlanta, GA.

<http://www.educause.edu/Resources/LeveragingSocialandMobileTechn/206215>

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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 14<sup>th</sup>, 2009. <http://www.education-webevents.com/>

Mitchell, Erik. DigitalForsyth and learning: A presentation to Winston Salem Forsyth County School system leaders. August 5<sup>th</sup>, 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

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Mitchell, Erik. Integrated Library Services. Poster presentation. LITA national forum. Oct 28<sup>th</sup>,  
2006. Nashville, TN.

Mitchell, Erik. Implementation of Meridian Case Study. Endeavor Users Group meeting, Chicago,  
IL. Spring 2006

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

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American Library Association

American Society for Information Science & Technology

Association for Library Collections & Technical Services

Library Information Technology Association

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