

EDUCATION *Master of Science in Library Science*
University of North Carolina at Chapel Hill
School of Information and Library Science
August 2006 – May 2008

Bachelor of Arts in English Literature
Hamilton College, Clinton, NY
August 1999 – May 2003

EXPERIENCE *Librarian, NCSU Libraries Fellow* July 2008 – present
North Carolina State University Libraries, Raleigh, NC
Digital Library Initiatives and Collection Management

- Contributed to development of technical architecture to support NC Architects and Builders
- Lead the design and development of a system to enable virtual shelf browsing
- Wrote documentation for the Widget System that supports the Course Views project
- Assisted with the investigation and development of a prototype system to support a Stacks Map application
- Researched return on investment studies in libraries
- Designed and developed a prototype database to enable collection managers to explore how library spending on resources supports different departments and schools at NC State

Digital Library Research Assistant September 2006 - May 2008
University of North Carolina at Chapel Hill
School of Information and Library Science

- Conducted research on NC State's implementation of a faceted navigation OPAC
- Conducted transaction log analysis by writing Perl scripts
- Coordinated national study of information seeking behavior of scientists
- Administered survey with MySQL database and PHP Surveyor
- Performed statistical analysis of survey data with SAS
- Maintained and updated project websites using WordPress and MediaWiki
- Developed XML schema, stylesheet, Perl script for managing chemical data set
- Performed citation searches

Taxonomy Development Consultant June 2006 – September 2006
Carrboro, NC

- Assessed and improved search and navigation on e-commerce websites
- Improved the way organizations collect and structure metadata
- Wrote SQL queries to analyze data to improve web search functions
- Provided expertise with Endeca ProFind and thesaurus building
- Monitored and analyzed search logs

Product Search Specialist November 2005 – June 2006
PC Connection, Inc., Merrimack, NH

- Assessed and improved search and navigation on PC Connection’s e-commerce website
- Improved the way PC Connection collects and structures product data
- Wrote SQL queries to maintain and monitor accuracy of product data

Technical Content Editor December 2003 – November 2005
PC Connection, Inc., Merrimack, NH

- Researched battery backup and point of sale equipment sold by PC Connection
- Wrote and edited product descriptions for PC Connection’s business to consumer website
- Obtained and edited product images with Photoshop
- Improved the data structure to enhance search and navigation

PROFESSIONAL ACTIVITY Lown, C. & Hemminger, B. (2009). Extracting User Interaction Information from the Transaction Logs of a Faceted Navigation OPAC. *The Code4Lib Journal*, Issue 7. (forthcoming)

Lown, C. (2009). Using Data You Already Have to Demonstrate Value [poster presentation]. *LAUNC-CH Research Forum*. Chapel Hill, NC, May 20, 2009.

Lown, C. & Davis, H. (2009, April 1). Are You Worth It? What Return on Investment Can and Can’t Tell You About Your Library. *In the Library with the Lead Pipe*.

Lown, C. & Hemminger, B. (2007, November 20). I Still Can’t Find What I Want! An Evaluation of Next Generation Library Catalogs that Combine Text Search with Faceted Navigation [presentation]. *CRADLE Talk*. Chapel Hill, NC.

Blake, Cathy, et al. (2007). UNC-CH at DUC 2007: Query Expansion, Lexical Simplification and Sentence Selection Strategies for Multi-Document Summarization.

PROFESSIONAL MEMBERSHIPS American Library Association
North Carolina Library Association
Triangle Usability Professionals Association

AWARDS *Margaret Kalp Fellowship Award*, UNC Chapel Hill 2007
The Leonard E. and Sue J. Kingsley Prize Scholarship, Hamilton College 2002
Thomas McNaughton Johnston Prize in English, Hamilton College 2002
Kellogg Essay Prize, Hamilton College 2001
Emerson Research Grant Recipient, Hamilton College 2001

TECHNOLOGY *Languages & Software:* PHP, Python, Perl, JavaScript, JQuery, SQL, XHTML, CSS, XML, XSLT, XSD, Subversion, Latex.
Operating Systems: Mac OS X, Unix, Linux, Windows.