

ROSALYN M. METZ

EMPLOYMENT

- 2008-Present Wheaton College Norton, MA
Systems Administrator for Curricular Support
- Collaborate with members of the Library and Information Services leadership team to create a technology direction for the library, archives, and academic computing.
 - Work with a variety of library staff to redesign the library web site, implement a subjects guide portal, and develop statistics tracking tools for the library service desks.
 - Support and maintain the learning management system Moodle for the college, including maintaining the underlying infrastructure.
 - Manage implementation projects for new applications in Library and Information Services, including the creation of workflows, processes, policies, and documentation for new applications implemented at the college.
 - Worked in partnership with the Assistant Archivist and Records Manager to create systems that support EAD Finding aids, digital imaging, and digital asset management for the college.
- 2006-2008 Ex Libris, Inc. Newton, MA
SFX/Verde Implementation Librarian
- Install, update, and provide general implementation services to SFX and Verde libraries in North America.
 - Create project plans and implement deadlines for customers implementing SFX and Verde.
 - Develop and administer training, both in person and via the web, for SFX and Verde.
 - Work with library vendors and publishers to solve access issues for the SFX user community.
 - Communicate bugs and enhancement requests from customers to the Development and Product Management teams for resolution and possible inclusion in future product releases.
 - Assist libraries with implementation and cataloging issues related to Ex Libris' MARCIt! Service.
- 2005-2006 Perkins/Bostock Library At Duke University Durham, NC
Reference and E-Resources Intern
- Provided in person, virtual, email, and phone reference as well as met with students for in-depth research assistance.
 - Worked with the E-Resources librarian to organize and improve access to electronic resources.
- 2004-2005 Lilly Library At Duke University Durham, NC
Reference and Instruction Intern
- Designed curriculum and taught bibliographic instruction for undergraduate and graduate classes.
 - Worked with the head of Instruction and Outreach to redesign Duke University's Guide to Library Research.
- 2002-2004 Gelman Library At The George Washington University Washington, DC
Electronic Resources Specialist
- Acted as the liaison between the library's reference and information technology departments.
 - Supported the computers and software for the library's information commons.
 - Assisted the Electronic Resources Librarian with troubleshooting problems and reporting them to database vendors.
 - Created instructional guides for use at the reference desk and during bibliographic instruction sessions.
 - Answered in-depth, time pressured research questions for students and faculty at an active reference desk.

EDUCATION

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|---|---|-----------------|
| 1998-2002 | The George Washington University | Washington, DC |
| ▪ B.A., Political Science | | |
| ▪ Minor in Philosophy | | |
| 2004-2006 | University Of North Carolina at Chapel Hill | Chapel Hill, NC |
| ▪ Master's of Science – School of Library and Information Science | | |

PROFESSIONAL ORGANIZATIONS

American Library Association Member

National Institute for Technology in Liberal Education

- Technology Fellow in Cloud Computing

COMMITTEE WORK

NERCOMP Annual Conference 2011

- *Program Committee Member*

HELIN Libraries Consortium

- *Co-Chair of the HELIN Libraries ILS Task Force*

A task force organized in order to evaluate the effectiveness of the HELIN Libraries Consortium's Integrated Library System (ILS). Currently the ILS is Innovative Interfaces Inc.'s Millennium Library Catalog.

Wheaton College

- *Member of the Web Renovation Group*

A group of Wheaton College staff members charged with helping the Wheaton College Web Team with redesigning the library website.

TECHNOLOGY SKILLS

- Ability to quickly adapt to new technologies
- Familiarity with HTML, XHTML, CSS, XSLT, JavaScript, JQuery, PHP, Ruby on Rails, PERL, and XML.
- Experience with different operating systems including Red Hat, Ubuntu, Mac OS X Server, and Windows Server 2003
- Expansive knowledge of using SQL, particularly MySQL, in the creation of databases.
- Vast knowledge of using cloud based computing services including Amazon Web Services and Rackspace.

PUBLICATIONS

Conducting Online Research: Undergraduate Preferences of Sources. Master's Paper, School of Information and Library Science at the University of North Carolina, Chapel Hill

Abstract: When students write research papers they use a variety of sources in their paper. These sources range from web pages to research articles. The purpose of this study was to decide whether or not undergraduate students would choose to use scholarly or non-scholarly sources when presented with both types of sources in a set of search results. Twenty Duke University students were recruited for the study. They were given a research topic and asked to perform a search. Both the search results and interface were fabricated by the researcher in order to control the experimental environment. The students were asked to rate the sources found in the results, choose four sources to use for their research scenario, and finally, were asked to explain reasoning behind their choices. The findings concluded that the students in this study were more likely to choose scholarly sources over non-scholarly sources and give these scholarly sources higher ratings.

<http://www.rosalynmetz.com/masterspaper.pdf>

Cloud Computing Explained. Educause Quarterly Online. Volume 33 Number 2 (forthcoming).

Abstract: For the past few years, the buzz around cloud computing has been growing. While many are talking about the cloud, few understand what the cloud is. Three organizations' definitions come to the forefront when defining the cloud: Gartner, Forrester, and the National Institutes of Standards and Technology (NIST). While both Gartner(Plummer, 2008) and Forrester(Gillett,) provide definitions of cloud computing, the NIST definition(National Institute of Standards and Technology's Computer Security Division - Computer Security Resource Center,) is concise and uses industry standard terms(Sotnikov, 2009).

The following article takes an in-depth look at the NIST's definition of cloud computing. Each of the definition's points will be defined in greater detail and examples of cloud-based technologies will be utilized to help the reader gain a better understanding of the cloud.

PRESENTATIONS

2010 *Public Datasets in the Cloud* Code4Lib

Presenters: Michael Klein and Rosalyn Metz

When most people think about cloud computing, it usually takes one of two forms: Infrastructure Services, such as Amazon EC2 and GoGrid, which provide raw, elastic computing capacity in the form of virtual servers, and Platform Services, such as Google App Engine and Heroku, which provide preconfigured application stacks and specialized deployment tools. Several providers, however, offer access to large public datasets that would be impractical for most organizations to download and work with locally. From a 67-gigabyte dump of DBpedia's structured information store to the 180-gigabyte snapshot of astronomical data from the Sloan Digital Sky Survey, chemistry and biology to economic and geographic data, these datasets are available instantly and backed by enough pay-as-you-go server capacity to make good use of them. We will present an overview of currently available datasets, what it takes to create and use snapshots of the data, and explore how the library community might push some of its own large stores of data and metadata into the cloud.

2010 *Cloud Computing in Higher Education* NERCOMP

Presenters: Rosalyn Metz

Cloud computing is the new hot topic in IT. While many are talking about it, few actually understand what it is, how it's being used, and what benefits it could offer to higher education. This session will first provide attendees with a baseline definition of cloud computing before moving into an attendee-based discussion on how institutions are using the cloud. We will wrap up with a brief discussion on benefits of using the cloud. Participants will leave with a better understanding of what cloud computing is and ideas on how they can use it at their own institutions.

2010 *Top Technology Trends* Massachusetts Library Association

Presenters: Scot Colford, Tom Corbett, Megan Fox, Brian Herzog, Scott Kehoe, Rick Levine, Rosalyn Metz, and Elizabeth Thomsen.

Our panel of local technology superstars returns to discuss the top technology trends to watch in Massachusetts libraries this year. Get the early word on the new and exciting, the useful and needed, and maybe even the confusing but popular technologies on the horizon. The panel will include some returning experts from last year as well as some new faces. Soak up their expertise and impress your friends.

2010 *Cloud Computing for Library Services* American Library Association

Presenters: Marshall Breeding, Jason Clark, Karen Coombs, Leslie Johnston, Rosalyn Metz, Eric Mitchell, and Chris Tonjes

This session will discuss how libraries can use cloud computing resources to deliver innovative, cost-effective, and scalable services. The session will include two panel discussions and participant lightning round. The panel discussions will focus on trends, uses, and case studies of cloud computing in library environments. Panel presenters include both library and IT industry experts.