

JULIET L. HARDESTY

EDUCATION

Master of Information Science (May 2006), Indiana University

- Emphasis on information retrieval, programming, and user-centered design. Received Frances Eleanor Hammitt Scholarship, May 2006.

Master of Arts in Art History (September 1999), Indiana University

- Emphasis on Modern American art.

Bachelor of Arts in Art History with Honors (May 1997), Indiana University

- Minor in Business. Named to Deans List every semester. Phi Beta Kappa and Golden Key National Honor Society member.

PROFESSIONAL EXPERIENCE

Metadata Analyst/Librarian (August 2012 – present), Metadata Resources & Systems, Libraries, Indiana University

<http://www.libraries.iub.edu>

- Provide long-term strategies for metadata management and participate in the design and development of services to support preservation of, and access to, digitized and born-digital content from Indiana University's collections.

User Interface Design Specialist (November 2007 – August 2012), Digital Library Program, University Information Technology Services, Indiana University

<http://www.dlib.indiana.edu>

- Design interfaces for Digital Library Program (DLP) collections using current web standards (**XHTML Strict 1.0** with **CSS** and **JavaScript** incorporated into a **JAVA Struts** environment as well as **XML/XSLT** transformations of encoded text in eXtensible Text Framework, **XTF**). Ensure accessible functionality by following semantic HTML guidelines. Conduct usability studies to guide design and functionality of DLP applications and assess usability of applications as they are in development. Enhance user experience with mobile-optimized interfaces.

Systems Analyst/Programmer (October 2002 – November 2007), Library Information Systems, University Information Technology Services, Indiana University

<http://www.iucat.iu.edu> (IUCAT – IU's online library catalog)

<http://www.onesearch.iu.edu> (OneSearch @IU)

<http://www.libraries.iub.edu> (Indiana University Bloomington Libraries' web site)

- Worked with a team of programmers and librarians to develop and maintain the Indiana University Libraries' online library catalog (IUCAT), federated searching product OneSearch @IU, and the Indiana University Bloomington Libraries' web site, Content Manager (password-protected), and Intranet (password-protected). Duties include programming (**PHP** with **MySQL**, **PERL**, **Sirsi Unicorn code**, **XML/XSLT**, **CSS**, **JavaScript**, **HTML**), debugging, usability testing, planning and design, training, and coordinating work of development groups.

Systems Analyst/Programmer (May 2001 – October 2002), Oncourse, University Information Technology Services, Indiana University
<http://oncourse.iu.edu>

- Developed and maintained Oncourse (original version), Indiana University's online course management system. Duties included programming (**ASP** with **Microsoft SQL Server**, **PERL**, **CSS**, **JavaScript**, **HTML**), debugging, usability testing, planning and design, and training.

Web Programmer/Designer (May 2000 – May 2001), Departmental Information Systems, University Information Technology Services, Indiana University
<http://www.indiana.edu/~dms/dis.html>

- Built custom web applications for Indiana University departments in Bloomington and Indianapolis. Duties included meeting with clients, developing specifications and designs, programming (**ASP** with **Microsoft SQL Server/Access/Oracle**, **CSS**, **JavaScript**, **HTML**), and debugging.

Imaging Technician (August 1998 to September 2000), E. Lingle Craig Preservation Laboratory and Digital Library Program, Wells Library, Indiana University
<http://www.libraries.iub.edu/index.php?pageId=289> (E. Lingle Craig Preservation Laboratory)
<http://www.dlib.indiana.edu> (Indiana University Digital Library Program)

- Digitized photographs, sheet music, correspondence, and film for grant-funded Digital Library project to digitize all Indiana University archives associated with Hoagy Carmichael. Created web pages of guidelines and procedures for digitizing the collection and conducted usability testing. Digitized brittle books for Preservation Laboratory and trained and supervised 2 hourly staff.

OTHER EXPERIENCE

Group Exercise Instructor (December 2010 – August 2013), Monroe County YMCA, Bloomington, Indiana
<http://monroecountyyymca.org>

- Lead Gravity Strength Training course from Fall 2012 – Spring 2013
- Lead step aerobics group exercise course from Spring I 2011 – Winter 2012

Co-Director (May 2005 – May 2009), Your Art Here, Bloomington, Indiana
<http://yourarthere.org>

- Co-directed an Indiana-based non-profit public arts organization, Your Art Here. Duties included administrative management (budget/finances, strategic planning, fundraising), coordinating existing projects, and developing new projects and collaborations to further the organization's mission.

PROFESSIONAL TRAINING

LITA Forum
Library Information Technology Association
Louisville, Kentucky – November 2013

JCDL 2013
Joint Conference on Digital Libraries
Indianapolis, Indiana – July 2013

ALA 2013

American Libraries Association
Chicago, Illinois – June/July 2013

ACRL 2013

Association of College and Research Libraries
Indianapolis, Indiana – April 2013

AMIA 2012

Association of Moving Image Archivists
Seattle, Washington – December 2012

DLF Fall Forum

Digital Library Federation
Providence, Rhode Island – November 2008
Baltimore, Maryland – November 2011
Denver, Colorado – November 2012
Austin, Texas – October/November 2013

CHI

Association for Computing Machinery Special Interest Group on Computer-Human Interaction
(ACM SIGCHI)
Boston, Massachusetts – April 2009
Vancouver, BC, Canada – May 2011

WebWise (March 2011)

Institute of Museum and Library Services, Baltimore, Maryland

Schematron Training (February 2011)

Mulberry Technologies, Inc., Rockville, Maryland

Code4Lib (February 2011)

Bloomington, Indiana

Intensive Introduction to TEI (February 2009)

Women Writers Project, Bloomington, Indiana

PHPltek (May 2007)

phplarchitect, Rosemont, Illinois

University Information Systems Training: Java STRUTS (April 2006)

Systems Integration Team, Indiana University

Advanced PHP Programming with MySQL (November 2005)

Open Technology Group, Bloomington, Indiana

Presenting Data and Information (October 2003)

Edward Tufte, Indianapolis, Indiana

UIE Roadshow (June 2003)

User Interface Engineering, Chicago, Illinois

PRESENTATIONS/TEACHING

“MOODY :) Investigations into Massive Open Online Discovery at IU.” (December 11, 2013)

Co-presented with Courtney Greene McDonald, Head, Discovery and Research Services and Bryan Brown, Metadata Intern in Metadata Resources and Systems, Indiana University Libraries. Digital Library Brown Bag Presentation, Indiana University.

“Z581: History of EAD.” (November 20, 2013)

Guest Lecture for Z581: Archives and Records Management, Department of Information and Library Science, School of Informatics and Computing, Indiana University.

“Meta-Discovery Using Solr and Blacklight.” (November 9, 2013)

Co-presented poster with Courtney Greene McDonald, Head, Discovery and Research Services, Indiana University Libraries. 2013 LITA Forum, Louisville, Kentucky.

“Savvy Management Part II: Managing your social media presence.” (October 15, 2013)

Co-presented with Courtney Greene, Head, Discovery and Research Services, and Stacy Konkiel, Science Data Management Librarian, Indiana University Libraries. Scholars’ Commons Workshop, Indiana University.

“Savvy Management Part 1.1: Managing your own metadata.” (October 15, 2013)

Scholars’ Commons Workshop, Indiana University.

“MOOD-Lighting: Massive Open Online Discovery Using Solr and Blacklight.” (July 24, 2013)

Co-presented poster with Courtney Greene, Head, Discovery and Research Services, Indiana University Libraries. ACM/IEEE Joint Conference on Digital Libraries, Indianapolis, Indiana.

“Addressing Impediments to Reuse: The Open Folklore Portal.” (July 9, 2013)

Co-authored poster with Garrett Montanez, Lead Web Architect, Library Technologies; Jennifer Laherty, Digital Publishing Librarian and Head of IUScholarWorks, and James Halliday, Programmer/Analyst, Library Technologies. Open Repositories, Charlottetown, Prince Edward Island, Canada.

“Omeka in Libraries.” (June 30, 2013)

Panel presentation for Leveraging Open Source Software to Create Library Websites. Co-sponsored by Reference and User Services Association (RUSA) and Library and Information Technology Association (LITA). American Library Association. Chicago, Illinois.

“Open Folklore: Improving Open Access.” (June 29, 2013)

Co-presented poster with Garrett Montanez, Lead Web Architect, Library Technologies. American Library Association. Chicago, Illinois.

“How do we metadata?” (June 7, 2013)

Roundtable discussion for Librarians’ Day, Indiana University-Purdue University Indianapolis.

S603: Workshop in Library and Information Science. Topic: Encoded Archival Description (EAD). (Summer I 2013)

Co-taught 6-week course with Craig Simpson, Manuscripts Archivist, Lilly Library, on encoding finding aids using EAD. School of Library and Information Science. Indiana University Bloomington.

“Making Connections: Mobile Libraries within the Mobile University.” (May 6, 2013)

Poster for IU-Bloomington Libraries’ In-house Institute, Indiana University.

“S603: Measure for Measure: Making sense of music searching using FRBR.” (April 25, 2013)
Guest Lecture for S603: Workshop in Library and Information Science: Topic – Discovery and the Next Generation Catalog, School of Library and Information Science, Indiana University.

“Metadata in Scholars’ Commons.” (March 22, 2013)
Scholars’ Commons Cross-training, Indiana University Bloomington.

“J360: Evaluating Web Accessibility.” (March 20, 2013)
Guest Lecture for J360: Web Design, School of Journalism, Indiana University.

“Making Mobile Meaningful: Digital Collections for Mobile Viewers.” (February 27, 2013)
Digital Library Brown Bag Presentation, Indiana University.

S603: Workshop in Library and Information Science. Topic: Web Accessibility Evaluation. (Spring 2013)
Taught 8-week course on evaluating web sites and online library resources for web accessibility. School of Library and Information Science, Indiana University Bloomington.

“Making Mobile Meaningful: Digital Collections for Mobile Viewers.” (November 4, 2012)
Poster for Digital Library Federation Fall Forum, Denver, Colorado.

“S532: Evaluating Web Accessibility.” (October 25, 2012)
Guest Lecture for S532: Information Architecture for the Web, School of Library and Information Science, Indiana University.

“J360: Evaluating Web Accessibility.” (October 4, 2012)
Guest Lecture for J360: Web Design, School of Journalism, Indiana University.

“Evaluating Web Accessibility.” (June 8, 2012)
Librarians’ Day, Indiana University-Purdue University, Indianapolis, Indiana.

“Evaluating Web Accessibility.” (May 7, 2012)
IUB Libraries’ In-house Institute, Indiana University.

“J360: Evaluating Web Accessibility.” (April 12, 2012)
Guest Lecture for J360: Web Design, School of Journalism, Indiana University.

“Evaluating Web Accessibility.” (March 21, 2012)
InULA Professional Development & Informational Sessions, Indiana University.

“Streamlining the Electronic Text Workflow.” (January 25, 2012)
Co-presented with Michelle Dalmau, Digital Projects and Usability Librarian, and Randall Floyd, Programmer/Database Administrator, Digital Library Program. Digital Library Brown Bag Presentation, Indiana University.

“J360: Web Accessibility.” (December 1, 2011)
Guest Lecture for J360: Web Design, School of Journalism, Indiana University.

“Workshop on Web Accessibility in Digital Libraries.” (November 1, 2011)
Digital Library Federation Fall Forum, Baltimore, Maryland.

“Panel on Web Accessibility.” (October 11, 2011)

Co-presented as part of panel. CIC Tech Forum 2011, University of Illinois at Urbana-Champaign.

“Bells, Whistles, and Alarms: HCI Lessons Using AJAX for a Page-turning Web Application.”

(May 12, 2011)

CHI 2011, Vancouver, BC, Canada.

“Bells, Whistles, and Alarms: HCI Lessons Using AJAX for a Page-turning Web Application.”

(April 6, 2011)

Digital Library Brown Bag Presentation, Indiana University.

“Search Experiments.” (March 23, 2011)

Co-presented with Mark Notess, Manager of Teaching and Learning Systems Development, and Steven Harris, Usability Assistant, Digital Library Program. Digital Library Brown Bag Presentation, Indiana University.

“Mobile Interaction Design: From CHI to IU.” (September 30, 2009)

Co-presented with Sarah Schmiechen, Programmer/Analyst, Digital Library Program. Digital Library Brown Bag Presentation, Indiana University.

“What You See Isn’t always What everYone Gets: Web Accessibility at IU.” (March 11, 2009)

Co-presented with Margaret Londergan, Manager, Adaptive Technology Centers. Digital Library Brown Bag Presentation, Indiana University.

“IUCAT and Library Website Update.” (December 6, 2006)

Digital Library Brown Bag Presentation, Indiana University.

“Transitioning to the New Website.” (October 2 & 4, 2006)

Co-presented with IUB Libraries’ Web Team, Open Forum, Indiana University.

“Putting It All Together: Strategies for Implementing Metasearching Products.” (March 7, 2006)

Co-presented with Phyllis Davidson, Interim Assistant Dean of Digital & Information Services, Indiana University. Sirsi SuperConference 2006, Nashville, Tennessee.

“The Method and the Madness: Introducing a New Service to the Online Catalog.” (February 27, 2005)

Sirsi SuperConference 2005, Nashville, Tennessee.

“The Method and the Madness: Introducing Request Delivery to IUCAT.” (January 14, 2005)

Digital Library Brown Bag Presentation, Indiana University.

“Power to the People: The IUB Libraries’ Digital Asset Management System.” (October 9, 2004)

Co-presented with Doug Ryner, Web Administrator and Tadas Paegle, Lead Programmer, IUB Libraries’ web site. Library Information Technology Association (LITA) National Forum 2004, St. Louis, Missouri.

PUBLICATIONS

Kouper, Inna, Stacy Konkiel, Jennifer A. Liss, and Juliet L. Hardesty. “Collaborate, Automate, Prepare, Prioritize: Creating Metadata for Legacy Research Data.” In *Proceedings of the International Conference on Dublin Core and Metadata Applications 2013* (Lisbon, Portugal, September 02-06, 2013). 41-46. <http://dcpapers.dublincore.org/pubs/article/view/3684>

Hardesty, Juliet L. and Courtney Greene. "MOOD-lighting: massive open online discovery using Solr and Blacklight." In *Proceedings of the 13th ACM/IEEE-CS joint conference on Digital Libraries*. (Indianapolis, Indiana, July 22-26, 2013). JCDL '13. New York: ACM, 2013. 409-410. DOI=<http://dx.doi.org/10.1145/2467696.2467771>

Hardesty, Juliet L. "Making Mobile Meaningful: Digital Collections for Mobile Viewers." *reDUX: a blog by the Digital User Experience dept*. Indiana University Bloomington Libraries. 25 March 2013. <https://blogs.libraries.iub.edu/redux/2013/03/25/making-mobile-meaningful/>

Hardesty, Juliet L. "Web accessibility in the library, Parts 1 and 2." *reDUX: a blog by the Digital User Experience dept*. Indiana University Bloomington Libraries. 18-19 June 2012. <https://blogs.libraries.iub.edu/redux/2012/06/18/web-access-1/>

Hardesty, Juliet L. "Bells, whistles, and alarms: HCI lessons using AJAX for a page-turning web application." In *Proceedings of the 2011 Annual Conference Extended Abstracts on Human Factors in Computing Systems* (Vancouver, BC, Canada, May 07-12, 2011). CHI EA '11. New York: ACM, 2011. 827-840. DOI=<http://doi.acm.org/10.1145/1979742.1979677>

Dalmau, Michelle and Juliet L. Hardesty. "Transaction logs analysis: Revealing usage patterns to improve interaction with online library resources." *Making Library Websites Usable*. Eds. Thomas Lehman and Terry Nikkel. New York: Neal-Schuman Publishers, Inc., 2008. 61-76.

S E R V I C E

Bloomington Library Faculty Council, July 2013 – present – serve on advisory board to Library Administration and as part of governing body and formal representation of Library Faculty at Indiana University; elected position

NISO Open Access Metadata Indicators Working Group, March 2013 – present – participate with group of academic institutions and commercial vendors to create a NISO Recommended Practice for metadata to include with journal articles indicating they are free to read and clarifying any applicable licenses.

Bloomington Library Faculty Council Elections Committee, August 2012 – present – conduct elections for the BLF Council and committees and take votes on changes to by-laws; serve as BLFC Liaison since July 2013

IUB Libraries' Marketing and Communications Committee, May 2012 – present – serve as reference and resource for marketing and communications projects at the Libraries.

Elsevier Web Accessibility Working Group, January 2012 – present – participate with members of other CIC institutions collaborating with Elsevier to improve web accessibility of the ScienceDirect online resource.

Photo Services Working Group, August 2011 – present – make decisions and plans regarding Photocat and Image Collections Online, Indiana University Libraries' image cataloging application and end-user web site

EAD Working Group, November 2007 – present – make decisions and plans regarding Archives Online, Indiana University Libraries' finding aids site; serve as Chair since August 2012

IUB Libraries' Web Team, October 2002 – November 2007 – made decisions and plans regarding the IUB Libraries' web site, Content Manager, and Intranet; served on Web Team Usability Subteam and as Chair for Web Team Site Admin Subteam

Unicorn OPAC Working Group, October 2002 – November 2007 – made decisions and plans regarding features and interface design of IUCAT (IU's online library catalog)

Unicorn Tech Group, October 2002 – November 2007 – made decisions and plans for upgrading and other technological concerns for IUCAT (IU's online library catalog)

Federated Searching Task Force, May 2004 – February 2006 – evaluated federated search products; Sirsi's SingleSearch chosen and implemented; committee disbanded in February 2006

Usability Working Group, joined May 2006 - informs, facilitates and promotes usability and accessibility initiatives for online library services provided by the Bloomington Libraries in support of teaching, learning and research – served as Chair January 2009 – January 2011

Indiana University Librarians Association (InULA), Programming and Social Committee, joined October 2006 – plans social and professional development events for members - served as Chair October 2007 – October 2010

Beta Phi Mu – Chi Chapter, joined April 2007 – International Library and Information Studies Honor Society, served as Treasurer for local Chi Chapter September 2007 – November 2009

Indiana University Web Advisory Committee – Accessibility Standards Subcommittee, joined April 2007 – creates recommendations for web sites at Indiana University to meet basic requirements for accessibility; produced Indiana University Web Accessibility Administrative Practice, accepted February 1, 2011

EAD Working Group, joined November 2007 – discusses EAD and delivery of online finding aids and associated digitized objects at Indiana University

CIC IT Accessibility/Usability Working Group, June 2008 – January 2012 – unofficial Committee on Institutional Cooperation (CIC) working group provides recommendations to CIC CIO's regarding web accessibility – convened Library Systems Subgroup June 2009 – June 2011; committee disassociated with CIC when formal IT Accessibility/Usability Working Group convened in January 2012

Code4Lib 2011 Planning Committee, July 2010 – February 2011 – organized Code4Lib conference held at Indiana University February 7-10, 2011

IUB Libraries Search and Screen Committee, served on successful searches for Head of Digital User Experience (April – September 2010) and Digital User Experience Web Architect (March – April 2011)

Image Collections Online Working Group, joined June 2011 – discusses cataloging and online delivery of digitized images from special collections at Indiana University

IU Mobile Working Group – Web Development Subcommittee, joined July 2011 – makes recommendations for mobile development at Indiana University

PROFESSIONAL AFFILIATIONS

American Library Association (ALA), joined May 2013

Indiana University Librarians Association (InULA), joined October 2006

Beta Phi Mu – Chi Chapter, joined April 2007

Association for Computing Machinery (ACM), joined May 2008