

ALLISON JAI O'DELL

allisonjai.com

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Languages

Reading proficiency in French,
Ancient Greek, Latin, and Hebrew;

Programming with HTML5, CSS, PHP,
JavaScript, Python, XQuery, XSLT,
RDFS, OWL, SQL, SPARQL

Data Schemas & Standards

RDFa, Open Graph Protocol, UTM,
KML, RDA, AACR2, LCRI, NACO,
DCRM(B), (S), (G), (MSS), DACS,
CCO, MARC, BIBFRAME, METS,
MODS, MADS, EAD, EAC-CPF,
Dublin Core, VRA Core, SKOS

Project Management

Asana, Jira, and Trello platforms
Agile/Scrum methodology

Education

M.A. (Art and the Book)
Corcoran College of Art+Design, 2013

M.S. (Information Science)
Catholic University of America, 2009

*B.A. (Classical Languages &
Literatures), B.A. (History)*
University of Maryland, 2005-2006

Certifications

Managing at UF Certification
University of Florida, 2015 – 2016
Knowledge, skills, and behaviors for
effective management and leadership

XML and RDF-based Systems
Library Juice Academy, 2015 – 2016

Data Carpentry Instructor
Software Carpentry Foundation, 2016
Pedagogical methods for teaching data
science and programming skills

NON-PROFIT DATABASE, DATA ANALYSIS & WEB DEVELOPMENT EXPERIENCE

The Humane League | Digital CRM Coordinator, 2018 - Present

- **Database Development:** Administer, evaluate, and maintain the organization's databases on the Salesforce and EveryAction platforms; Organize data architecture, ETL processes, data pipelines, and system integration initiatives; Develop and implement knowledge organization systems for enhanced data retrieval and reporting (SKOS, OWL, RDFS); Data wrangling (bulk updates, mergers, and maintenance)
- **Analytics:** Provide targeted audience segmentation for a variety of initiatives (SQL, SPARQL); Build complex reports and data visualizations to help the organization find new insights, as well as understand, document, and story-tell its efficacy
- **Policies & Procedures:** Led the organization's Analytics Team to implement standards, procedures, and documentation for use of Google Analytics, UTM Parameters, Google Tag Manager, and web events to generate actionable data that informs a variety of metrics, KPIs, and strategic planning initiatives; Developed best practices for data collection, formatting, and validation to ensure data integrity, quality, hygiene, and interoperability; Developed best practices for email campaigns to ensure deliverability
- **Web Development:** Implement email campaigns (HTML, CSS), web content, petitions, and sign-up forms in support of campaign, marketing, and fundraising initiatives; Manage the staging and sending of a large-scale email program

Mercy For Animals | Backend Developer, 2017 - 2018 |
Database and Information Developer, 2018

- **Database Development:** Authored complex queries and transformation scripts to access, merge, update, wrangle, and repurpose data (SQL); Led the design, development, and publication of ontologies (RDFS, OWL), data models, database schemas (SQL), data dictionaries, and controlled vocabularies (SKOS); Developed processes and policies to assure data integrity, quality, hygiene, and interoperability; Collaborated on database tuning to improve performance; Created data analysis tools, reports, and data visualizations to meet a variety of changing needs
- **Web Development:** Built out functionality of a CRM web application for viewing, updating, and analyzing donor and volunteer data (MySQL, PHP, JavaScript)
- **Analytics:** Collaborated on projects to analyze and improve the efficacy of MFA programs and services, especially projects relating to email performance (a/b tests), survey design, and usability tests; Conducted SEO keyword research and audience segmentation, and made recommendations for enhanced content and metadata on websites, pages, blogs, ads, and emails;

- **Policies & Procedures:** Developed standards for UTM parameters and GTM tags and triggers to track web traffic and referrals; Documented disaster recovery procedures for databases and websites
- **Teaching:** Trained staff on database schemas and data entry guidelines, as well as the functionality and use of internal databases, tools, and applications
- **Supervisory:** Managed staff and/or coordinated activities related to data collection, data entry, and information organization

Vegan Outreach | Consultant, Web Design & Development, 2018

- **Web Development:** Re-design and front-end web development for donation pages on the Engaging Networks platform (HTML, CSS, JavaScript)

Encompass Movement | Consultant, Email Marketing, 2018

- **Analytics:** Data management, merger, and audience segmentation for fundraising campaigns (SQL)
- **Web Development:** Troubleshoot and schedule bulk email on the MailChimp platform (HTML, CSS)

Animal Equality | Consultant, GDPR Compliance, 2018

- **Policies & Procedures:** Advise on data privacy policies and notices, data collection, management, crosswalks, and merger/integration procedures as relates to compliance with the European Union's General Data Protection Regulation (GDPR)

University of Florida, George A. Smathers Libraries | Metadata Librarian, Cataloging & Discovery Services, 2015 - 2017 (Rank: Associate University Librarian, tenure-track)

- **Database Development:** Facilitated discovery of library resources through data management and architecture; Collaboratively designed schemas (RDFS, OWL) and procedures to ensure data hygiene and interoperability; Authored scripts and established procedures to wrangle, reconcile, transform, merge, and repurpose data to meet strategic objectives (Python, XSLT, SQL Server, SPARQL); Transitioned the Libraries' data to Linked Data and Semantic Web applications through training, ontology development, and tool implementation; Chaired the Libraries' Linked Data Working Group
- **Policies & Procedures:** Developed guidelines and workflows for description of digital collections
- **Analytics:** Engaged in site search and Web analytics (Google Analytics) to improve SEO and discovery experiences, and regularly revised content guidelines and discovery interfaces based on findings; Created data visualizations and search/browse platforms to aid information discovery;
- **Teaching:** Provided data advisory and training services to campus and community partners; Taught classes and workshops on a variety of programming skills, including SQL, SPARQL, XSLT Python, RDFS, OWL, semantic markup, and more
- **Supervisory:** Coordinated staff activities (7 PTE), internships, and special project assistants (2+ PTE)

Creative Works & Side Projects

Animal Protection Thesaurus | Principal Investigator, 2018 - Present

Encoded data to help machines understand and index resources from the animal protection movement

- **Web Development:** Implementation of Web application for a browser-based thesaurus management system (HTML, CSS, PHP, MySQL)
- **Database Development:** Data wrangling (bulk data updates, mergers, and maintenance); Encoding of thesaurus concepts (SKOS)

Seed to Shawl | Executive Director, 2017 - Present

seedtoshawl.com: resources for vegan fiber arts

- **Web Development:** Responsible for all front- and back-end development (HTML5, CSS, JavaScript, node.js, MySQL); Enhanced content with semantic mark-up (RDFa, Schema.org)
- **Analytics:** Monitor Web analytics (Google Analytics) for keyword trends, and regularly update content to meet users' discovery needs

Software Carpentry Foundation | Data Carpentry Instructor, 2016 -

- **Teaching:** Teach data science, modeling, and query skills to a variety of audiences

Circulate | Principal Investigator, 2013 - 2015

Free, open-source solution for automated user requests and usage reports with archival finding aids.

- **Web Development:** Developed a responsive website to select and request items, with an XML-driven back-end for storing, sending, and querying data (EAD, XSLT, JavaScript, PHP, HTML)

Book Artists Unbound | Principal Investigator, 2013 - 2014

Project to encode information about book artists and expose their social networks by harvesting co-occurrence in library metadata among creators, facilities, themes, subjects, and techniques.

- **Database Development:** Transformed MARC-format, bibliographic metadata to EAC-CPF records, enhanced with data from WorldCat and VIAF APIs
- **Web Development:** Developed Web interface for browsing creator information (EAC-CPF, XSLT, JavaScript, HTML)

Girl Develop It | Co-Founder, Miami Chapter, 2013 - 2014

- **Teaching:** Led a volunteer team to facilitate educational opportunities around computer technologies, programming, and Web development
- **Philanthropy:** Initiated fundraising and collaborative activities with local partner organizations

Teaching

Solving Data Problems with RDF, SPARQL, and DBpedia

Mercy For Animals, Optimization Department, 4 April 2018.

Link Yourself: Understand Linked Data, RDF, and SPARQL

University of Florida Libraries, Training Series, 21 July 2016. <http://allisonjai.com/foaf/linkyourself.html>

Tech Talk: SQL

University of Florida Libraries, Linked Data Working Group, 19 July 2016.

Managing Data with SQL

Software Carpentry, University of Florida Informatics Institute, 25 March 2016.

Tech Talk: SPARQL Fundamentals

University of Florida Libraries, Linked Data Working Group, 15 March 2016.

Manipulating Textual Data with Python

University of Florida Libraries, Programming Historian Study Group, 27 January 2016.

Metadata for UFDC Collections

University of Florida Libraries, Training Series, 23 November 2015 and 9 December 2015; Co-presented with Laura Perry and Chelsea Dinsmore, University of Florida Libraries, Training Series, 2 November 2015.

Tech Talk: Querying XML Data

Co-presented with Hikaru Nakano, Douglas Smith, and Gerald Langford, University of Florida Libraries, BIBFRAME Working Group, 17 November 2015.

Understanding Regular Expressions

University of Florida Libraries, Programming Historian Study Group, 5 November 2015.

Tech Talk: Introduction to XML

Co-presented with Hikaru Nakano, Douglas Smith, and Gerald Langford, University of Florida Libraries, BIBFRAME Working Group, 20 October 2015.

Tech Talk: Ontologies and Ontology Languages: RDFS, OWL, and SKOS

University of Florida Libraries, BIBFRAME Working Group, 15 September 2015.

Tech Talk: Linked Data Principles and RDF

University of Florida Libraries, BIBFRAME Working Group, 18 August 2015.

Tech Talk: JSON-LD and Microdata

University of Florida Libraries, BIBFRAME Working Group, 21 July 2015.

CULTURAL HERITAGE INFORMATION ARCHITECTURE & DISCOVERY EXPERIENCE

University of Miami Libraries | Special Collections Cataloging & Metadata Librarian, 2013 – 2015 (Rank: Librarian Assistant Professor, academic-track)

- **Cataloging:** Cataloged rare monographs, serials, artists' books, manuscripts, zines, and archived websites according to DCRM, DACS, and CCO content standards
- **Policies & Procedures:** Collaboratively developed workflows and guidelines for appraisal, accessioning, processing, description, storage, and preservation of born-digital materials and archived websites
- **Teaching:** Provided documentation and training for description of rare materials
- **Analytics:** Implemented process-based and usage-based metrics to assess the effectiveness of cataloging activity and plan future projects; Conducted usability tests and focus groups to assess user needs and plan product development
- **Project Management:** Contributed to web development projects using Agile/Scrum methodology
- **Supervisory:** Coordinated staff working on special collections cataloging and digital projects (3 FTE)

Free Library of Philadelphia, Rare Book Department | Cataloging Consultant, 2011 – 2013

- **Cataloging:** Cataloged rare monographs, serials, manuscripts, analyzed contents, and graphic materials according to DCRM content standards

- **Policies & Procedures:** Re-designed cataloging policy and procedures for efficient resource description that complies with contemporary best practices and specialized user needs; Delivered a wiki-based portal for accessing policy and training materials
- **Teaching:** Trained professional librarians in rare materials cataloging and descriptive bibliography
- **Analytics:** Convened task force to enhance user experience of the VuFind discovery layer

The Barnes Foundation | Assistant Archivist and Librarian, 2010 - 2011

- **Cataloging:** Coordinated processing, arrangement, and resource description for special collections, archives, and manuscript collections according to DCRM, DACS, and CCO content standards
- **Public Services:** Supported research through reference services, research consultations, and bibliographic instruction; Promoted collections through exhibits, websites, and essays
- **Supervisory:** Supervised library and archives interns, and fostered professional growth opportunities

George Washington University Libraries | Special Collections Cataloger, 2010

- **Cataloging:** Cataloged special collections materials according to RDA and DCRM content standards
- **Supervisory:** Guided metadata specialists (5 FTE) during the U.S. RDA Test

Goucher College Library | Special Collections Cataloger, 2009 - 2010

- **Cataloging:** Cataloged rare monographs, serials, manuscripts, and sheet music according to AACR2 and DCRM content standards; Provided EAD encoding for archival finding aids
- **Database Development:** Enabled metadata harvesting (XML, JSON, and SQL formats) and initiated involvement with aggregate discovery platforms (ArchiveGrid, ESTC)
- **Policies & Procedures:** Developed policy and procedures for description of rare materials
- **Supervisory:** Managed cataloging activity (1 FTE, 3 PTE) for a large-scale, grant-funded project, using benchmarking metrics to track progress; Trained paraprofessionals in processing and cataloging

The Carmelitana Collection | Catalog Librarian, 2008 - 2009

- **Cataloging:** Cataloged rare print and manuscript materials according to DCRM content standards
- **Web Development:** Front-end Web development, including database implementation and administration; Streamlined and created easily reproducible procedures for data transfer
- **Reference:** Provided reference and research support for scholars, both on-site and remotely

Office of Minority Health Resource Center | Cataloger, 2007 - 2008

- **Cataloging:** Cataloged print materials (monographs and serials), grey literature, and ephemera; In-depth indexing and abstracting

Hogan & Hartson, LLP | Digital Acquisitions Assistant, 2006 - 2007

- **Database Development:** Maintained a database of license and access information for over 600 electronic resources (Microsoft Access)
- **Acquisitions:** Negotiated terms and conditions of vendor agreements; Accounts payable functions

Internships & Student Positions

AARP Research Information Center | Intern II (indexing and abstracting), 2008 - 2009

Mullen Library, Catholic University of America | Reference Assistant, 2007 - 2009

Judge Kathryn J. DuFour Law Library | Senior Circulation Attendant, Summer 2007

National Museum of the American Indian | Practicum, Summer 2007

McKeldin Library, University of Maryland | Preservation Assistant, 2002 - 2004

Beltsville Public Library, Prince George's County, MD | Clerical Aide, 2000 - 2003

PUBLICATIONS

Peer-Reviewed Publications

David Van Kleeck, Hikaru Nakano, Gerald Langford, Trey Shelton, Jimmie Lundgren, and Allison Jai O'Dell, "Managing Bibliographic Data Quality for Electronic Resources," *Cataloging & Classification Quarterly* 55, issue 7-8 (2017). <http://dx.doi.org/10.1080/01639374.2017.1350777>

David Van Kleeck, Hikaru Nakano, Gerald Langford, Jimmie Lundgren, Allison Jai O'Dell, and Trey Shelton, "Managing Bibliographic Data Quality in a Consortial Academic Library: A Case Study," *Cataloging & Classification Quarterly* 54 (2016). <http://dx.doi.org/10.1080/01639374.2016.1210709>

Allison Jai O'Dell, "Authority Control for the Web: Integrating Library Practices with Linked Data," in *Linked Data for Cultural Heritage* ed. Michele Seikel and Ed Jones (Chicago: ALA Editions, 2016).

Allison Jai O'Dell, "Swipe Aid?: Using Swipebox to Create a Side-Swipeable Image Gallery for Finding Aids," *Practical Technology for Archives*, no. 5 (2015). http://practicaltechnologyforarchives.org/issue5_odell/

Allison Jai O'Dell, "Special Files on the Semantic Web: Using Linked Data to Revitalize Special Collections Catalogs," in *New Directions for Special Collections: An Anthology of Practice* ed. Beth M. Whittaker and Lynne M. Thomas (Santa Barbara: Libraries Unlimited, 2016).

Allison Jai O'Dell, "The Visual Vocabulary: skos:example and the Illustrated *Artists' Books Thesaurus*," *Journal of Library Metadata* 15, nos. 3-4 (2015). <http://dx.doi.org/10.1080/19386389.2015.1103086>

Allison Jai O'Dell, "Planning for Linked Data: Recruitment, Training, and Workflow Design for Resource Description and Metadata Management," *Advances in Library Administration and Organization* 34 ed. Samantha Hines (Bingley, UK: Emerald, 2015). <http://dx.doi.org/10.1108/S0732-067120150000034011>

Allison Jai O'Dell, "Maker Metadata: Problems and Possibilities," *Cataloging & Classification Quarterly* 53, no. 7 (2015): 785-800. <http://dx.doi.org/10.1080/01639374.2015.1020584>

Allison Jai O'Dell, "RDA and the Description of Zines: Metadata Needs for Alternative Publications," *Journal of Library Metadata* 14, nos. 3-4 (2014): 255-280. <http://dx.doi.org/10.1080/19386389.2014.978235>

Allison Jai O'Dell, "Book Artists Unbound: Providing Access to Creator Metadata with EAC-CPF," *Art Documentation* 33, no. 2 (Fall 2014): 267-278. <http://dx.doi.org/10.1086/678527>

Peer-Reviewed Conference Proceedings

Christine Fruin, Trey Shelton, Aimee Barrett, and Allison Jai O'Dell, "We'll Do It Live: Building Access to Video Content Based on Freedoms of Use," *Proceedings of the Charleston Library Conference*, 2016.

<http://docs.lib.purdue.edu/charleston/>

Allison Jai O'Dell, "Defining Usefulness and Facilitating Access Based on Research Applications," *Classification and Indexing Section IFLA Satellite Conference*, "Subject Access: Unlimited Opportunities," 11-12 August 2016, Ohio State Library, Columbus, OH.

<https://docs.google.com/a/kent.edu/viewer?a=v&pid=sites&srcid=a2VudC5lZHV8aWZsYTIwMTYtY2xhc3NpZmljYXRpb24taW5kZlXhpbm8Z3g6NTU5NGQ4YWVhZTcwOWI1YQ>

Invited Interviews

Allison Jai O'Dell, Interview by Jacob Shelby, "A Linked Data Journey" series, LITA Blog (2015 November 27). <http://litablog.org/2015/11/a-linked-data-journey-interview-with-allison-jai-odell/>

Allison Jai O'Dell, Interview by Nate Pedersen, "Bright Young Librarians" series, *Fine Books & Collections* (2014 March 18). https://www.finebooksmagazine.com/fine_books_blog/2014/03/bright-young-librarians-allison-jai-odell.phtml

Selected Essays, Reports, and White Papers

Association of College and Research Libraries, "Guidelines: Competencies for Special Collections Professionals." (Chicago, IL: American Library Association, 2017 revision).

<http://www.ala.org/acrl/standards/comp4speccollect>

Jessica Venlet, Karen Stoll Farrell, Tammy Kim, Allison Jai O'Dell, and Jackie Dooley, "Descriptive Metadata for Web Archiving: Literature Review of User Needs." (Dublin, OH: OCLC Research, 2018).

<https://www.oclc.org/content/dam/research/publications/2018/oclcresearch-wam-literature-review-user-needs.pdf>

Allison Jai O'Dell et al., "Report on the Task Force to Explore Data Elements for Rare Materials Description," submitted June 2016 to the Bibliographic Standards Committee, Rare Books & Manuscripts Section, ALA/ACRL. http://rbms.info/files/committees/bibliographic_standards/conference-docs/ALAAC16_Report.pdf

Allison Jai O'Dell, "No, I Don't Want to Take Notes," *RBMS 2016 Blog* (7 June 2016).

<http://conference16.rbms.info/2016/06/07/no-dont-want-take-notes/>

Zhonghua Du, Kaylan Ellis, Brian Falato, Ethan Fenichel, Hikaru Nakano, Mary Ann O'Daniel, Allison Jai O'Dell, and Margarita Perez, "Recommendations of the ad-hoc FAST Task Group," submitted 3 May 2016 to the Florida Academic Library Services Cooperative, Technical Services Standing Committee.

https://tssc.wiki.flvc.org/wiki/images/TSSC/6/6b/Recommendation_TSSC_FAST_TG.pdf

Amy Brown, Allison Jai O'Dell, and Amber Billey, "Linked Open Data Report, ALA Midwinter 2016," submitted 22 December to the Controlled Vocabularies Editorial Group, Rare Books & Manuscripts Section, ALA/ACRL.

http://rbms.info/files/committees/controlled_vocabularies/RBMS-CVLODMidwinter2016Report-04Jan2016.pdf

Allison Jai O'Dell, "Proposal to Explore a Schema for Rare Materials Description," submitted 15 June 2015 to the Bibliographic Standards Committee, Rare Books & Manuscripts Section, ALA/ACRL. http://rbms.info/files/committees/bibliographic_standards/conference-docs/BSC_Schema_Proposal.pdf

John Attig, Laurence Creider, Matthew Haugan, Francis Lapka, and Allison O'Dell, "Proposal: References to Descriptions," submitted 9 June 2015 to ALA/ALCTS/CaMMS/Committee on Cataloging: Description and Access. <http://alcts.ala.org/ccdablog/wp-content/uploads/2015/06/RBMS-2015-1.pdf>

Allison Jai O'Dell, "Turn Your Finding Aid into a Shopping Cart," *Archival Practice* 1, no. 1 (March 2014). <http://libjournal.uncg.edu/index.php/ap/article/view/762/534>

Various articles on Linked Data, data mining, cataloging practice, and more (2013 – present). <https://medium.com/@allisonjaiodell>

Reviews

Allison Jai O'Dell, "Review of *Home and the World: Editing the 'Glorious Ming' in Woodblock-Printed Books of the Sixteenth and Seventeenth Centuries*," *RBM* 16, no. 1 (Spring 2015).

Allison Jai O'Dell, "Review of *A Stitch in Time: The Needlework of Aging Women in Antebellum America*," *ARLIS/NA Reviews* (November/December 2014). <http://www.arlisna.org/publications/reviews/466>

Allison Jai O'Dell, "Review of *Viewpoints: Theoretical Perspectives on Irish Visual Texts*," *ARLIS/NA Reviews* (May/June 2013). <http://arlisna.org/images/reviews/2013/05/bracken.pdf>

LECTURES, PRESENTATIONS & POSTERS

Invited Talks (National & State Organizations)

"Metadata Creation and Remediation in Zine and Digital Library Collections." Co-presentation with Honor Moody, ALCTS Virtual Preconference on Diverse, Inclusive, and Equitable Metadata, 7 June 2017.

"Using FAST for Faster Workflows and Discovery." ALCTS Webinar, sponsored by the Faceted Subject Access Interest Group, 28 September 2016.

"Towards a Framework for Linked Rare Materials Metadata: An Overview of the Task Force to Explore Data Elements for Rare Materials." Presented at the PCC Participants Meeting, ALA Annual Conference, 26 June 2016, Orlando, FL and SAA Description Section, Archives*Records, 4 August 2016, Atlanta, GA.

"Linked Data Developments in the RBMS Community." Virtual presentation to the Zepheira Alumni Group, 23 March, 2015.

"Transitioning the RBMS Controlled Vocabularies to Linked Open Data: A Simple Model for Thesaurus Publishers." Co-presentation with Amber Billey and Amy Brown, 2016 ALA Midwinter Meeting of the Controlled Vocabularies Editorial Group, 9 January 2016, Boston, MA.

"Special Collections, Special Thesauri: Managing and Publishing Local Vocabularies with TemaTres." Webinar, 2015 ALCTS Metadata Interest Group ALA Annual Preconference, 4 June 2015.

“Cataloger 3.0: Competencies and Education for the BIBFRAME Catalog.” Presentation, Competencies and Education for a Career in Cataloging Interest Group Meeting, 2014 ALA Annual Conference, 27 June 2014, Las Vegas, NV.

“Beyond EAD: Tools for Creating and Editing EAC-CPF Records and 'Remixing' Archival Metadata.” Webinar co-presented with Timothy A. Thompson and Ethan Gruber, OCLC Research, 9 January 2014.

“Efficient Cataloging Workflow with a View towards Research.” Co-presentation with Cassie Brand, Council on Library and Information Resources Hidden Collections Program Symposium, 29 March, 2010, Washington, DC.

“Past Meets Future: Innovative Techniques for Uncovering Special Collections at the Goucher College Athenaeum.” Panel presentation, Technical Services Division of the Maryland Library Association meeting, 13 January, 2010, Baltimore, MD.

Invited Talks (Local)

“Building a Solutions-Oriented Culture.” Co-presentation with Jamie Berger, Mercy For Animals All-Staff Retreat, 25 August 2017.

“Building Access to Paratextual Features through Linked Open Data.” Co-presentation with Suzan Alteri, Curator Talks at the George A. Smathers Libraries, 4 April 2016.

“Linked Open Data and Libraries.” Co-presented with Valrie Minson and Dave Van Kleeck, University of Florida Libraries, Training Series, 24 July 2015, Gainesville, FL.

Conference Papers, Presentations & Posters

“Teaching Linked Data to Librarians: A Discussion of Pedagogical Methods.” Co-presentation with Jacob Shelby and Sonoe Nakasone, Mashcat Meeting, 24 January 2017, Atlanta, GA.

“Implementing Linked Data for Archives.” Co-presentation with Matthew Miguez, Society of Florida Archivists and Society of Georgia Archivists Joint Annual Meeting, 14 October 2016, Savannah, GA.

“Out of the Box Finding Aids: Design and Development for Contemporary Research.” Co-presentation with Jacob Shelby, Joint Annual Meeting of the Council of State Archivists and Society of American Archivists, 5 August 2016, Atlanta, GA.

“Using RBMS Publications as Linked Data: An Introduction and How-To.” Seminar co-presented with Amber Billey and Brian Geiger, 2016 RBMS Conference, 22 June 2016, Coral Gables, FL.

“Metadata as Data: How the Libraries Can Support Digital Humanities Projects.” Co-presentation with David Van Kleeck, THATCamp Gainesville, 23 April 2013, Gainesville, FL.

“The Fancy Finding Aid: Makeover Your Collections with HTML5, Responsive Design, RDFa, Circulation Management, and Visual Content.” Co-presentation with Steven Duckworth, 2016 Code4Lib Conference, 8 March 2016, Philadelphia, PA.

“The Visual Vocabulary: On the Integration of Visual Content with Library Thesauri.” Presentation, LITA/ALCTS Authority Control Interest Group, 2016 ALA Midwinter Meeting, 10 January 2016, Boston, MA.

“I need help and FAST!?: Immediate Guided Search with the assignFAST Gadget.” Presentation, ALCTS CaMMS Faceted Subject Access Interest Group, 2016 ALA Midwinter Meeting, 9 January 2016, Boston, MA.

“Introducing the *Artists' Books Thesaurus*.” Presentation, 2016 ACRL Arts Section ALA Midwinter Virtual Discussion Forum, 6 January 2016.

“If You Publish Linked Data, Will they Come?” Co-presentation with Amber Billey, Barbara Bushman, Nate Trail, and Roy Tennant. 2015 ALA Annual Conference, 27 June 2015, San Francisco, CA.

“Big Metadata: Mining Special Collections Catalogs for New Knowledge.” Presentation, 2015 RBMS Conference, 25 June 2015, Oakland, CA.

“Using RDA for Archives & Manuscripts.” Co-presentation with Adrienne Pruitt, Katy Rawdon, and Caitlin Goodman, New England Archivists & Mid-Atlantic Regional Archives Conference Joint Meeting, 21 March 2015, Boston, MA.

“Studying the Book Arts in the 21st Century: Using Linked Data to Enhance Knowledge and Context.” Short paper, 2014 RBMS Preconference, 25 June 2014, Las Vegas, NV.

“Exploring EAC-CPF with the Remixing Archival Metadata Project (RAMP).” Co-presentation with Mairelys Lemus-Rojas, Society of Florida Archivists Meeting, 8 May 2014, Orlando, FL.

“Book Artists Unbound: an EAC-CPF-based Discovery Tool for Contextualization of Creators.” Presentation, LITA/ALCTS MARC Formats Transition Interest Group, 2014 ALA Midwinter Meeting, 25 January 2014, Philadelphia, PA.

“Using simpleCart.js to Build a Finding Aid Shopping Cart.” Presentation, Archivists Being Awesome, Delaware Valley Archivists Group, 8 May 2013, Philadelphia, PA.

“The Description and Categorization of Sewing Structures in Historical Bindings with Textile Terminology.” Paper, Texts and Textiles Conference, Centre for Material Texts, 12 September 2012, Cambridge, England.

“Converting to RDA: From What? An Exploration of RDA Training that Does Not Assume Knowledge of AACR2.” Presentation, Cataloging Norms Interest Group Annual Meeting, 2012 ALA Annual Conference, 23 June 2012, Anaheim, CA.

“Book Arts for the Book Historian: Learning the History of Printing in the 21st Century.” Paper, 2010 American Printing History Association Conference, 17 October 2010, Washington, DC.

“Book Cloth and Book Aesthetics in the Work of Sarah Wyman Whitman.” Paper, Useful and Beautiful: The Transatlantic Arts of William Morris and the Pre-Raphaelites, 8 October 2010, Newark, DE.

“Collections Processing: Innovations in Student Involvement.” Panel presentation with Cassie Brand and E. Kenneth Giese, 2010 RBMS Preconference, June, 2010, Philadelphia, PA.

“Undergraduate Student Involvement in Cataloging Special Collections: Insights from the Goucher College Mapping Special Collections Team.” Poster, Bridging the Spectrum 2010 Symposium, 29 January, 2010, Washington, DC.

“It wasn't old when we bought it!: Techniques and Tips for Expanding Catalog Records with Elements of Descriptive Bibliography.” Presentation, Catalog Management Interest Group Meeting, 2010 ALA Midwinter Conference, 16 January, 2010, Boston, MA.

“Seamless Marketing: The Impact of the Web on Special Collections Patronage, a Case Study from the Carmelitana Collection.” Short paper, 2009 RBMS Preconference, 19 June, 2009, Charlottesville, VA.

“The Information Product: Converting Library Holdings and Expertise into Revenue, a Case Study from the AARP Research Information Center.” Poster, Bridging the Spectrum 2009 Symposium, 30 January, 2009, Washington, DC.

Moderated Panels & Conversations

“No, I don't want to take notes!: Managing Soft Sexism in the Workplace.” Participatory Discussion co-facilitated with Melanie Meyers, Melissa Hubbard, Katie Henningsen, and Katharine Chandler, 2016 RBMS Conference, 22 June 2016, Coral Gables, FL.

<http://conference16.rbms.info/2016/06/07/no-dont-want-take-notes/>

“Project Management.” Mashcat Twitter chat co-facilitated with Ethan Fenichel, 16 May 2016.

<https://medium.com/@allisonjaiodell/this-thursday-mashcat-chat-on-project-management-e7a57e8726a9#.f05la7opk>

<https://storify.com/mjingle/mashcat-twitter-chat-16-june-2016-cataloging-and-c>

“Curating in Context: Representing Cultural Significance in Library Exhibitions.” Session Moderator, 2012 Art Libraries Society of North America Annual Conference, 31 March 2012, Toronto, Ontario, Canada.

CONTRACTS, GRANTS & FELLOWSHIPS

Awarded

“Developing a Genomics Variant Files Data Management Use Case: Developing Research Data Management (RDM) Workflows and Providing Research Data Access via HPC.” Role: Co-PI, 5% cost share. Funding: George A. Smathers Libraries Strategic Opportunities Grants, \$2,680 (\$11,861 cost share). August 2016 – July 2017.

“Project Ceres: Increasing Access to Rare Florida Agricultural Publications, Phase II.” Role: Investigator (metadata services), 1% cost share. Funding: Center for Research Libraries, \$7,512 (\$8,538 cost share). September 2015 – May 2016.

“Mapping Special Collections for Research and Teaching at Goucher College.” Role: Investigator (cataloging services and policy documentation). Funding: Council on Library and Information Resources, \$198,121. March 2009 – February 2010.

Contributed to Project Development

“ChomPix: Expanding Discovery of Film Collections and Creating Targeted Access to Public Performance Rights and Streaming Licenses.” Role: PI. Applying for funding: George A. Smathers Libraries at the University of Florida, Emerging Technologies Grants program, \$4500 requested. January 2017 – December 2017.

“The Humanity within Her Science: Digging into the Impact of Elizabeth Wing’s Papers.” Role: Co-Director, 10% cost share. Applied for funding: National Endowment for the Humanities (NEH), Humanities Collections and Reference Resources (HCRR), \$310,410 requested (\$364,744 cost share). July 2017 – June 2020.

PROFESSIONAL ACTIVITIES & SERVICE

University Governance and Service

University of Florida, George A. Smathers Libraries

Linked Data Working Group | Chair, 2015 - 2017

- Provided a training series on Linked Data and related technologies
- Fostered collaborative experimentation around ontology, vocabulary, and application development
- Articulated and communicated a vision for the future of metadata services in a Linked Data environment

Programming Historian Study Group | Lead, 2016 - 2017 | Member, 2015 - 2016

- Coordinated and/or lead training and study sessions around topics in data mining, analysis, and computational methods in the humanities

Born Digital Archival Content Working Group | Member, 2015 - 2017

- Developed guidelines and workflows for accession, appraisal, processing, arrangement, description, preservation, and access for born-digital materials
- Contributed metadata expertise to ensure that digital content is organized, described, and retrievable, based on demonstrated user needs

Data Management/Curation Task Force | Member, 2015 - 2017

- Contributed section on “Metadata for Research Data” to the *Data Management Guidelines & Best Practices to Assist in Research Data Policy Development*
- Provided documentation, liaison, and outreach services regarding ORCID integrations

Ebsco Discovery Service Evaluation Team | Member, 2015

- Provided a review of the literature on EDS usability studies, and a technical summary of relevancy ranking and search functionality

Search Committee, Continuing Resources Librarian | Chair, 2016

Search Committee, Chair, Information Technology | Member, 2015 - 2016

Committee on Strategic Digital Directions | Member, 2016

Integrated Library System Planning and Implementation Task Force | Member, 2015 - 2017

Statistics & Assessment Committee | Member, 2016

University of Miami Libraries

Resource Description Coordination Group | Chair, 2013 - 2014

- Documented and provided guidelines for the Libraries' metadata lifecycle

Electronic Records and Web Archiving Committee | Member, 2013 - 2015

- Developed guidelines and workflows for accession, appraisal, processing, arrangement, description, preservation, and access for born-digital materials
- Provided guidelines for the description of archived websites

ILS Integration Project, Discovery Team | Member, 2014

- Provided RFP requirements for a discovery layer product
- Evaluated library service platforms in preparation for a system migration

Faculty Orientation Committee | Chair, Faculty Orientation Committee, 2013 - 2015

- Reviewed onboarding procedures and delivered a comprehensive procedure checklist to welcome new faculty to the Libraries, the University, and the local area

Special Collections Librarian Search Committee | Member, 2014

Digital Initiatives Metadata Librarian Search Committee | Member, 2014

Consultations

Invited to Radcliffe Workshop on Technology & Archival Processing, Harvard University, Cambridge, MA, 4-5 April 2016.

Invited to John Carter Brown Library, Cataloging Review Panel, Providence, RI, 7-8 October 2015; Provided guidance on effective rare materials cataloging workflows and catalog interface design.

Peer Review

Reviews provided for:

- *Practical Technology for Archives*, 2016 –
- *RBM: A Journal of Rare Books, Manuscripts, and Cultural Heritage*, 2015 –
- *The Reading Room: A Journal of Special Collections*, 2014 –
- *Journal of Contemporary Archival Studies*, 2014 –
- *Art Documentation*, 2013 –

National & International Organizations

Art Libraries Society / North America

Book Art Special Interest Group | Co-Coordinator (competitive appointment), 2016 - 2017

Artists' Books Thesaurus Working Group | Member, 2012 - Present

- Shaped thesaurus model; co-authored classes, concepts, scope notes, and relationships
- Technical implementation of the thesaurus management system
- Online publication in human-readable and Linked Open Data formats (SKOS, JSON-LD), including pioneering use of visual content in a knowledge organization system

Delaware Valley Chapter | President (elected), 2013 | Vice President / President Elect (elected), 2012

Association of College and Research Libraries

RBMS Bibliographic Standards Committee | Member (competitive), 2014 - 2018

- Chair, Task Force to Explore Data Elements for Rare Materials Description, 2015 - 2016
Determined data elements complementary to rare materials description standards and user needs;
Recommended solution(s) for incorporating these elements into relevant data models and tools
- Working Group, CC:DA Proposal on References in *RDA*, 2015

RBMS *Controlled Vocabularies* Editorial Group | Member (competitive), 2014 - 2018 | Volunteer, 2012 - 2014

- Researched and updated concepts, relationships, and scope notes
- Designed workflow and implemented technology for publication as Linked Open Data
- Collaborated on migration of thesaurus management system to an open-source, RDF-based platform

Task Force to Review *Competencies for Special Collections Librarians* | Member (competitive), 2013 - 2016

Standard Citation Forms Editorial Team | Volunteer, 2015 - 2017

- Enhanced PHP script that produces HTML files with RDFa mark-up for Schema.org vocabularies

RBMS Mentor, 2014 - 2015

Rare Book School, University of Virginia

Scholarship Committee | Member (solicited), 2014 - 2017

- Annually reviewed 100+ applications for funding to attend courses on book history, bibliography, library and archival practice. Details: <http://rarebookschool.org/admissions-awards/scholarships/>

Zine Libraries Interest Group

Zine Union Catalog Project | Volunteer, 2014 - 2017

OCLC Research Library Partnership

Web Archiving Metadata Working Group | Member (selective), 2016 - 2017

- Evaluated existing and emerging approaches to descriptive metadata for archived websites and recommend best practices to meet user needs and to ensure discoverability and consistency

Special Libraries Association

Catholic University of America Chapter | President (elected), 2008-2009 | Vice President (elected), 2008

Regional & State Organizations

Society of Florida Archivists

Committee to review Digital Archives Specialist Class Tuition Waiver | Member, 2016

Florida Academic Library Services Cooperative

Technical Services Standing Committee (TSSC) FAST Task Group | Chair, 2015 - 2016

- Delivered recommendation on optimal use of the FAST vocabulary in a “next gen” library services platform, including back- and front-end applications; focused on guidelines, technical enhancements, and training

Discovery Configuration Working Group | Chair (elected), 2016 - 2017

- Oversaw development of a new discovery tool’s back-end configuration, including data-mapping, OAI-PMH harvesting, knowledge base configuration, link resolution, and authentication

ILS Implementation Team | Representative, 2016 - 2017

Potomac Technical Processing Librarians | Board Member (solicited), 2010 - 2011

- Provided educational opportunities for technical services librarians
- Coordinated program for Annual Meeting, “RDA or Not – Here we Come!”