

EDUCATION

The University of Texas at Austin

Masters of Science, Information Studies

Austin, TX
August 2016

- Endorsements of Specialization: Digital Archives and Digital Collections Design

American University

Graduate study in modern Eastern European history and culture

Washington, DC
2011-2012

Texas State University

Bachelor of Arts, English and History, *Summa Cum Laude*

San Marcos, TX
May 2009

SKILLS

Digital collection and exhibit design	Dublin Core, EAD, and MARC in XML
Bepress Digital Commons publication types and metadata structures	Implementing best practices for interoperable metadata using OAI-PMH
Building workflows for technical processes	DSpace administration and operation
Metadata conversion (MARC, Dublin Core, DataCite) with XSLT	Writing procedural, implementation, and support documentation
Experience with ORCID for researchers and member institutions	Developing and producing workshops for faculty and students
LAMP stack installation and administration	Interacting with APIs using cURL
SQL, Python 2 and 3	MySQL, Postgresql database administration

EXPERIENCE

Library Fellow (Visiting Assistant Professor)

UNLV University Libraries, University of Nevada, Las Vegas

Las Vegas, NV
Jan 2017 – Present

One of two UNLV Library Fellows, in a residency-style program intended to foster innovation in key strategic projects and professional development for early-career librarians

- as part of the inaugural cohort, participated in ongoing assessment of the program, defining the role of the Fellow within the host department and the Libraries as a whole
- established relationships across Libraries departments and campus units to identify partners for projects with broad scope, such as Research Data Management (RDM) practices and ORCID uptake
- gained an understanding of the structure and function of the Libraries by attending department meetings, participating in informational interviews, contributing to faculty meetings, and serving on Libraries committees

Co-lead in design of the Libraries' ORCID integration pilot, including a survey of the field and implementation and workflow testing

- co-wrote project plan, assisted with research and literature review, including outreach to other ORCID institutions, and co-wrote [report on pre-pilot outcomes](#)
- developed roadmap for ideal script function, including logic, some code, and pseudo-code to demonstrate functions and operations
- wrote and tested cURL scripts to contact API, using all ORCID-supported protocols; analyzed and stored logs
- co-wrote [ORCID subject guide](#)

Lead a review of metadata practices in the institutional repository (IR), focusing on best practices and external harvester requirements

- based on research, recommended changes to IR to improve discovery and interoperability
- built new metadata application profiles to be implemented in the IR
- worked with vendor support, colleagues in Scholarly Communications Initiatives (SCI) to test and deploy new metadata profiles
- drafted documentation to support implementation of the new metadata profiles

Assisted in a Libraries assessment of RDM practices inside the Libraries, across campus, and at comparable institutions

- participated in literature review and outreach to similar academic libraries to determine the state of the field and best practices regarding RDM
- helped develop Libraries-led programming for faculty and researchers centered on existing practices and resources, shared challenges, and RDM needs on campus

Researcher III, CLACI Project

School of Information, UT Austin

Austin, TX

Oct – Dec 2016

Developed a data model and metadata profiles for Mellon-funded digital archive

- Researched existing models and standards for digital archives metadata
- Collaboratively resolved questions around PREMIS implementation
- Built and tested preservation metadata profile against several object types

Taxonomy Consultant

Whole Foods Market, Inc

Austin, TX

Sept – Dec 2016

Worked as a taxonomy domain expert for a marketing-driven platform redesign

- Provided guidance on functional and business requirements for taxonomy tool
- Assisted in communicating the value and functions of the taxonomy design

Provided ongoing technical support for faculty, students, and staff

- explained and resolved hardware and software issues on multiple platforms
- helped users understand and navigate network and email server changes

Updated [iSchool repository](#) from DSpace 1.8 to DSpace 5.0

- worked with relevant faculty to determine concerns and needs prior to upgrade
- created and vetted new configuration files for upgrade and migration

Administered DSpace 5 repository

- assisted students with preparing and uploading packages via command line
- created troubleshooting and upload guide for DSpace content management
- migrated database and asset store to DSpace 5.2 in new server environment

Migrated Intro to Usability course wiki from DokuWiki to Confluence

- assessed instructor and student needs and expectations
- established style templates for existing and new content types

Administered MySQL servers for classes

- enabled phpMyAdmin with htaccess protection
- set up local directories, databases, and access credentials

PUBLICATIONS AND PRESENTATIONS

A Clog in the Pipe: Data Collection and Transformation Issues in a Library Infrastructure Pilot (poster)

ALA Annual Conference 2018; with Matthew Murray

June 2018
New Orleans, LA
<https://osf.io/w5gh4/>

Co-authored poster for presentation at the American Library Association Annual Conference and Exhibition, on the UNLV Libraries' ORCID integration pilot project.

The (UN)LV (un)Conference (un)Poster (poster)

ALA Annual Conference 2018; with Matthew Murray

June 2018
New Orleans, LA

Co-authored poster for presentation at the American Library Association Annual Conference and Exhibition, on the UNLV Libraries Research Data Management unConference.

ORCID Integration at the UNLV Libraries (article)

Library Connect; with Matthew Murray and John Novak

April 2018
libraryconnect.elsevier.com

Co-authored short newsletter article about the process and findings of the UNLV ORCID integration pilot project.

Flying Blind: Creating a Library ORCID Integration Pilot (talk)

Digital Initiatives Symposium; with Matthew Murray

April 2018
San Diego, CA
<https://osf.io/mtbuw/>

TED-style 15-minute talk on the UNLV ORCID integration project, covering the process and findings of the pre-pilot, including successes, lessons learned, and next steps.

Space for Listening: Using a library unConference as an Alternative Method of Communication (poster)

RDAP 2018; with Matthew Murray

March 2018
Chicago, IL
<https://osf.io/arzwn/>

Co-authored poster for presentation at the Research Data Access & Preservation Summit 2018, on the UNLV Libraries Research Data Management unConference.

#digitalarchivesfail: Well, That Didn't Work (reviewed blog post)

bloggERS

March 2017
saaers.wordpress.com

Part of the SAA Electronic Records Section blog series #digitalarchivesfail: A Celebration of Failure, about the signal failure of a server archiving attempt.

What's That Noise? Adventures in Legacy Hardware Imaging (poster)

School of Information Open House; Dr. Patricia Galloway, Faculty Sponsor

May 2016
Austin, TX

Digital poster and technology demonstration highlighting the challenges of accessing and archiving a circa 2001 Dell PowerEdge 4400 server.

It Looks Like Gibberish and Makes You Feel Like a Wizard: Batch Ingesting as a DSpace Administrator (talk)

UT Digital Preservation Symposium

April 2016
Austin, TX

Lightning talk with [slides](#), aimed at those working with DSpace, demonstrating use case and commands for using the batch uploading utility at the command line.

WORKSHOPS AND INSTRUCTION

UNLV Libraries ORCID Certification Workshop (for campus community)

UNLV Libraries

Multiple, Spring 2018
Las Vegas, NV

Co-designed and ran a one-hour workshop on the ORCID registry for UNLV faculty, staff, and students. Participants signed up for and verified ORCID iDs, added works, and learned about functionalities of ORCID for researchers.

UNLV Libraries ORCID Certification Workshop (for Libraries)

UNLV Libraries

Feb 2018
Las Vegas, NV

Co-designed and ran a one-hour workshop on the ORCID registry for Libraries faculty and staff. Participants signed up for and verified ORCID iDs, added works, learned about functionalities of ORCID for researchers, and discussed strategies for encouraging campus-wide ORCID uptake.

Who Are You? What Are You Doing Here?

UNLV Libraries Graduate Workshop Series; with Matthew Murray

Nov 2017
Las Vegas, NV

Co-presented an original 45-minute workshop on scholarly identity and reputation management for academics and researchers, geared toward graduate students not yet or just beginning work in their fields.

Research Data Management unConference

UNLV Research Week; with Matthew Murray

Oct 2017
Las Vegas, NV

As part of campus Research Week, designed and co-facilitated one of the Libraries' showcase events, a half-day unConference for faculty to discuss practices, tools, and needs in research data management, emphasizing the Libraries' role. This successful event was the first of its kind offered by the Libraries, attracting participants from the Office of Research, the UNLV National Supercomputing Institute, and the Women's Research Institute of Nevada.

Up and Running with Bit Curator*Archival Enterprise II, Dr Ciaran Trace*

Spring 2016

Austin, TX

Coordinated with group members to install, test, and use prior to class presentation; created video walkthroughs and exercises for an introductory two-hour workshop, including installation scenarios, use cases, and hands-on exercises.

Gephi Crash Course*Intro to Digital Humanities, Dr Tanya Clement*

Fall 2015

Austin, TX

Worked with a group to choose a social network mapping tool (Gephi), select a dataset, and prepare in-class materials. Prepped workspace by ensuring tool installation on lab computers; tested tool, created a demonstration video, and assisted classmates during the 45-minute hands-on portion.

Intro to Git/Github*UT ASIS&T/AWIT*

Fall 2015

Austin, TX

Oriented workshop participants, identifying hardware and software for BYOD event; clarified steps and assisted with setting up accounts and tool installation; resolved issues locating, launching, and navigating the command line interface.

SERVICE**Cataloging & Metadata Strategies Librarian Search Committee, Member***UNLV Libraries*

Fall 2017

Las Vegas, NV

- Participated in CV vetting, phone and in-person interviews, and debate with colleagues
- Contributed to final candidate recommendation to the Dean
- Completed successful search for tenure-track faculty librarian

Library Research Week Task Force, Appointed Member*UNLV Libraries*

Fall 2017

Las Vegas, NV

- Assisted with programming and schedule development for Libraries programming
- Co-developed and lead a Research Data Management event for campus faculty
- Participated in evaluation of task force effectiveness and programming

Calvert Awards For Undergraduate Research, Judge*UNLV Libraries*

Spring 2017

Las Vegas, NV

- Read and evaluated outstanding, faculty-sponsored undergraduate research papers and creative works, supported by reflective creator essays, for an endowed prize
- Over the course of a week, assessed multiple entries against a rubric, assigning scores through IR review system
- Participated in debate with other judges, discussing entries prior to selecting 4 winning works out of more than 30 entries in 3 categories

Art + Feminism Wikipedia Edit-a-Thon, Volunteer*UT ASIS&T/AWIT*

March 2016

Austin, TX

- Oriented participants, helping set up Wikipedia accounts and check in at [event page](#)
- Provided technical, style, and research assistance for the duration of the half-day event

UT Elementary STEM Discovery Day, Volunteer Educator January 2016
UT ASIS&T/AWIT Austin, TX

- Organized acquisition of computers and tools for multi-session, all day event
- Guided students in disassembling, identifying, and reassembling laptop computers

ASIS&T/AWIT, iSchool Student Chapter, Social Liaison 2015-2016
University of Texas Austin, TX

- Facilitated collaborative projects between iSchool chapter and local organizations
- Identified and supported UT and external social and networking events for members

Austin Archives Bazaar, Volunteer Coordinator October 2014
Daniel Alonzo and Molly Hults, Organizers Austin, TX

- Oriented volunteers, explained tasks, and provided support and shift coverage
- Worked with repository representatives and attendees to ensure a positive experience

Texas Archive of the Moving Image, Processing Volunteer Fall 2014
Susan Dirks, Administrative Coordinator Austin, TX

- Processed donor paperwork and inventoried donated audio-visual materials
- De-accessioned audio-visual materials from a high-volume collection

PROJECTS

Structuring the Past: Designing the AISD Digital Archive Summer 2016
Dr. Lynn Westbrook; Bonnie Hauser and Deborah DeStefano, Austin Independent
Supervisors School District Library
Austin ISD Digital Archive Media Center

Independent MSIS capstone project designed in collaboration with AISD Library Media Services staff to create workflows for and optimize use of their digital archive: extending collection structure and metadata capture protocol for digitized objects; establishing metadata templates and upload procedure; ingesting items, building a showcase collection, and making recommendations for continued work

Digital Archiving and Preservation Spring 2016
Dr. Patricia Galloway UT Austin
School of Information Decommissioned Servers: Fiat Server Project

Worked with a group to create and attempt data-retrieval strategies for a legacy (circa 2001) server; led research and experiment efforts; helped draft recommendations for future infrastructure server decommissioning procedures; [documentation available here](#)

Archival Enterprise II Spring 2016
Dr. Ciaran Trace UT Austin
Now What Do I Do? Upgrading DSpace as a First-Time Administrator

As part of a course designed to introduce and engage students with issues within the archival profession, wrote a case study describing the process of upgrading the School of Information's DSpace repository from 1.8 to 5.0, discussing transferable concepts, skills, and knowledge gained in the process

Archival Enterprise I

Dr. Ciaran Trace; Brent Sipes, Supervisor

Fall 2015

Women's Basketball and Intercollegiate Athletics Records, 1976-2007 (Jody Conradt and Chris Plonsky Papers)

H.J. Lutcher Stark Center

Collaborated with a group in processing and arranging approximately 10 cubic feet of archival material, including appraisal report and processing plan, EAD finding aid, and physical arrangement. Finding aid available at [Texas Archival Resources Online](#)

Introduction to Digital and Electronic Records

Fall 2014

Dr. Patricia Galloway; Jessica Meyerson, Advisor

Dolph Briscoe Center for

University Communications Born-Digital Video Collection

American History

Assisted in creating a business plan for the Briscoe Center's born-digital acquisitions by assessing current practices, working with stakeholders to understand future expectations, and making recommendations for archival formats, records selection, and metadata standards.