

Gregory Wiedeman

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Education

- 2013** **M.S. Information Science**
University at Albany, SUNY
ALA accredited program with concentration in Archives & Records Management
- 2013** **M.A. History**
University at Albany, SUNY
Thesis: "The Most Interesting Place: The Eastern Mediterranean and American Cultural Knowledge"
- 2010** **B.A. History**
Marist College, Poughkeepsie, NY
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Employment

- 2015-Present** **University Archivist (academic rank: Senior Assistant Librarian)**
M.E. Grenander Department of Special Collections and Archives
University Libraries
University at Albany, SUNY

- Manages acquisitions, accessions, collection development, and archival processing for the University Archives
- Leads born-digital records collecting program for University Archives that meets public records laws and professional standards
- Project Manager for CLIR-funded *Digital Archive of Executions in the United States, 1608-2002*, provides overall technical vision and direction for the project
- Leading role in implementing new technologies in collection management and public access
 - Directed integrated ArcLight and Samvera/Hyrax repository implementation (<https://archives.albany.edu>)
 - Developed and implemented Special Collections & Archives Drupal website
 - Led ArchivesSpace implementation and data migration
 - Implemented reference ticket system and provided vision and direction for on-demand digitization
- Developed and implemented extensible processing program and use-based processing to reduce the number of inaccessible collections
- Performs primary reference services for University Archives, working with students, faculty, staff, alumni, and the general public
- Manages undergraduate and graduate student assistants performing archival processing and digitization
- Oversees web archiving program for Albany.edu domain and outside collecting areas

2014-2015

Project Archivist

*M.E. Grenander Department of Special Collections and Archives
University Libraries
University at Albany, SUNY*

- Administered Council on Library and Information Resources (CLIR) Hidden Collections grant to arrange and describe 710 cubic feet of the National Death Penalty Archives (July 2014-March 2015)
- Supervised three Graduate Student Assistants and three Undergraduate Student Assistants processing a variety of archival material in accordance with *Describing Archives: A Content Standard* (DACS)
- Implemented New York State Documentary Heritage Program Grant (April 2014-June 2014) to arrange and describe four collections containing 82 cubic feet of material concerning LGBT civil rights activism
- Developed Python-based automated Encoded Archival Description (EAD) authoring workflow that maintained consistent local practices

2011-2014

Project Archivist (2013-2014), Archives Assistant (2011-2013)

*Archives and Special Collections
James A. Cannavino Library
Marist College, Poughkeepsie, NY*

- Arranged and described all major incoming collections from July 2011-April 2014, including both administrative records and manuscripts
- Applied professional processing standards, including *Describing Archives: A Content Standard* (DACS), Library of Congress Authorities, Art & Architecture Thesaurus (AAT)
- Performed regular in-person and remote reference services, working regularly with undergraduate students and scholarly researchers
- Regularly managed 5-12 undergraduate student assistants and occasional graduate student interns in archival processing, digitization, and exhibit building
- Migrated data and developed web exhibits, online finding aids, and access tools using XML, Encoded Archival Description (EAD), eXtensible Stylesheet Language Transformations (XSLT), XQuery, HTML, and CSS
- Regularly oversaw large-scale digitization efforts
 - Helped manage Lowell Thomas Digitization Project (\$103,979 NHRPC Grant)
 - Over 40,000 images in more than 8 photographic formats
 - Coordinated metadata creation and quality control workflow
- Performed regular and on-demand preservation activities
- Directed the movement and storage of the department's entire holdings for renovation in summer of 2012
- Performed off-site appraisal of Arthur Glowka Papers

2012-2014

Collections Project Manager

Dutchess County Historical Society, Poughkeepsie, NY

- Arranged and described 19th century collections and made them available for use
- Implemented DACS, minimal processing techniques, and other professional standards
- Wrote and obtained \$8,297 New York State Documentary Heritage Grant for the Hubbard Family Papers
- Developed and implemented low-cost preservation procedures

- Designed new, easy-to-use collection management and access workflows that are not software-dependent

2013

Intern

*Wilderstein Historic Site
Rhinebeck, NY*

- Cataloged manuscripts using PastPerfect and applied comprehensive local authority controls

2009-2010

Undergraduate Student Assistant

*Archives and Special Collections
James A. Cannavino Library
Marist College, Poughkeepsie, NY*

- Participated in the 2 year project to arrange and describe the 1,200 linear feet Lowell Thomas Papers, supported by \$140,000 NHPRC Grant

Skills

Applications – git, Microsoft Office, Adobe Creative Suite, eXist XML Database, BaseX

Archives Applications – ArchivesSpace, ArCLight, BitCurator Environment

CMS/Web Frameworks – Drupal, Ruby on Rails, WordPress, Bootstrap, some Flask

Disk Imaging – Guymager, dd, FTK Imager

Digital Forensic Tools – The Sleuth Kit, fiwalk, Plaso, BulkExtractor

Digital Repositories – Samvera/Hyrax, Luna Insight

Digital Scholarship Tools – NLTK, Stanford Named Entity Recognizer, twarc, D3Plus

Markup Languages – HTML 5, CSS 3, JSON, XML, XSLT, Markdown

Metadata Standards – DACS, EAD (EAD 2002 and EAD3), MODS, METS, PREMIS, Dublin Core, Schema.org

Operating Systems – Windows, Ubuntu, CentOS, RHEL

Programming Languages – Python, Ruby, JavaScript, PHP, XQuery

Shell Scripting – Bash, Windows PowerShell

Server Administration – Apache HTTP Server, Nginx, Passenger, Tomcat, MySQL, PostgreSQL, ArchivesSpace

Scholarly Activity

Blind Peer Reviewed Articles

- Wiedeman, Gregory. “Describing Web Archives: A Computer-Assisted Approach” (Accepted) in the *Journal of Contemporary Archival Studies* (Publication date TBD)
- Wiedeman, Gregory. “The Historical Hazards of Finding Aids” (Accepted) in the *American Archivist* Vol. 82, No. 2 (Fall/Winter 2019)
- Wiedeman, Gregory. “Python for Archivists: Breaking Down Barriers Between Systems” in *Practical Technology for Archives* No. 7 (January 2017)
- Wiedeman, Gregory. “XQuery for Archivists: Understanding EAD Finding Aids as Data” in *Practical Technology for Archives* No. 3 (November 2014)

Open Peer Reviewed Articles

- Wiedeman, Gregory. “Practical Digital Forensics at Accession for Born-Digital Institutional Records” in *Code4Lib Journal* Issue 31 (January 2016)

Other Writing

- Wiedeman, Gregory. "Documentation for the M.E. Grenander Department of Special Collections & Archives" (2019 June) Guides to tools and documentation for processing digitized materials and born-digital records. <https://wiki.albany.edu/pages/viewpage.action?pageId=80544001>
- Wiedeman, Gregory. "UAlbany ArcLight Update and Outlook" (2018 November) <https://docs.google.com/document/d/1SOTOJb1FZPeuNyfchEpGFa7u1sgl0DtJwqNP2X44J5c>
- Wiedeman, Gregory. "Migrating to ArchivesSpace at UAlbany" UAlbany Archives Github Repository (2017 April) <https://github.com/UAlbanyArchives/aspacemigration>
- Wiedeman, Gregory. "Metadata" (Book Review) *Archival Issues*, Vol. 38 No. 1 (2017)
- Wiedeman, Gregory. "A Sustainable, Large-Scale, Minimal Approach to Accessing Web Archives" for the Archive-It Blog (2016 October) <https://archive-it.org/blog/post/a-sustainable-large-scale-minimal-approach-to-accessing-web-archives/>
- Wiedeman, Gregory. "Setting up and Scoping Web Crawls with Archive-It 5.0" Electronic Records Modules for Congressional Papers Roundtable Electronic Records Committee (2016 July) https://cprerc.files.wordpress.com/2016/07/ercm005_setting-up-and-scoping-web-crawls-with-archive-it-5-0.pdf

Presentations – Reviewed

International

- "Describing Web Archives: Automating Access with APIs and ArchivesSpace," at International Internet Preservation Consortium (IIPC) Web Archiving Conference, British Library, London, UK, June 15, 2017

National

- "Providing Computational Access to Records of American Capital Punishment," Code4Lib, San Jose, CA, February 20, 2019
- "Challenges and Conflicts of Linked Data in Archives," Society of American Archivists (SAA) Annual Meeting, Washington, D.C., August 16, 2018
- "The Espy Project: Enabling New Access to Archival Materials," Coalition for Networked Information (CNI) Spring Meeting, San Diego, CA, April 12, 2018
- "Beyond Finding Aids: New Directions for Archival Description." Panel with Alexis Antracoli, Meghan Lyon and Jennifer Sirotkin. Society of American Archivists (SAA) Annual Meeting, Portland, OR, July 28, 2017
- "SIP Your Pics: an Almost-OAIS Workflow for over 180,000 Born-Digital Images." Society of American Archivists (SAA) Annual Meeting, Atlanta, GA, August 4, 2016

Regional

- "Born-Digital Records at UAlbany," at New York Archives Conference (NYAC), University at Albany, SUNY, Albany, NY, June 8, 2018
- "Git and GitHub For Libraries," with Mark Wolfe. New York Library Association (NYLA), Saratoga Springs, NY, November 9, 2017
- "Documenting the Macabre: The National Death Penalty Archive," Panel with Brian Keough, Jodi Boyle, and Melissa McMullen. Mid Atlantic Regional Archives Conference, Buffalo, NY, October 28, 2017

- “Pragmatic Processing: Diverse Approaches to Different Collections” (Panel Chair), at New York Archives Conference (NYAC), Utica College, Utica, NY, June 8, 2017
- “What's a Digital Archivist?” Mid Atlantic Regional Archives Conference, Newark, NJ, April 21, 2017
- “Empire Archival Discovery Cooperative.” Mid Atlantic Regional Archives Conference, Newark, NJ, April 21, 2017
- “APIs, WARCS, and NPL: How Technology has Created New Opportunities for Historical Research.” Researching New York 2016/The Conference on New York State History, Albany, NY, November 17, 2016
- “Mass Digitization on Demand: Automation and Terrible Metadata.” Metropolitan New York Library Council (METRO) Annual Conference, Baruch College, CUNY, January 21, 2016
- “Lowell Thomas and American Cultural Knowledge of Palestine and Arabia.” Northeastern University Graduate History Conference, Boston, MA, March 16, 2013

Presentations – Other

International

- “Link Ranking” (Archives Unleashed Datathon Winning Project Presentation), with Mindaugas Vidmantas, Peter Webster, Kees Teszelszky, and Richard Deswarte at Research Infrastructure for the Study of Archived Web Materials (RESAW) Conference, University of London Senate House, London, UK, June 14, 2017
- “Link Ranking Project Presentation”, with Mindaugas Vidmantas, Peter Webster, Kees Teszelszky, and Richard Deswarte at Archives Unleashed Datathon, British Library, London, UK, June 13, 2017
- “Providing Basic Access to Web Archives Provenance Data,” Lightning Talk at Archives Unleashed, British Library, London, UK, June 12, 2017

National

- “Metadata for Web Archives Debate,” with Sumitra Duncan and Jane Kelly, Web Archiving and Metadata and Digital Object Sections Joint Meeting, Society of American Archivists (SAA) Annual Meeting, Austin TX, August 3, 2019
- “Describing Web Archives with the Partner Data API,” Archive-It Partner Meeting 2018, Washington, D.C., August 14, 2018
- “Team Kompromat Project Presentation,” with Helena Byrne, Ed Summers, and Shawn Walker at Archives Unleashed Datathon, George Washington University, Washington, D.C., March 22, 2019
- “When Web Crawling Backfires?” Archives Unleashed Datathon, George Washington University, Washington, D.C., March 21, 2019.
- “Processing Born-Digital Images at Scale,” National Digital Stewardship Alliance Content Interest Group (Remote), August 1, 2018
- “Automating Web Archives Records in ASpace: A Sustainable, Large-Scale, Minimal Approach.” At National Symposium on Web Archiving Interoperability, Internet Archive, San Francisco, CA, February 21, 2017
- “A Sustainable, Large-Scale, Minimal Approach to Accessing Web Archives.” Archive-It Partner Meeting 2016, Atlanta, GA, August 2, 2016
- Twitter Political Organizations Project Presentation, at Archives Unleashed Datathon, Library of Congress, Washington, DC, June 15, 2016

- “Transferring Digital Records to the Archives with ANTS.” Lightning talk at Code4Lib 2016, Philadelphia, PA, March 9, 2016
- “Managing Descriptive Metadata with Open XML.” Lightning talk at Collections Management Roundtable, Society of American Archivists (SAA) Annual Meeting, Cleveland OH, August 15, 2015

Regional

- “No More Finding Aids: A New Frontend for Special Collections & Archives at UAlbany.” At New England Code4Lib, Hampshire College, Amherst, MA, December 5, 2016
- “Automating Web Archives Records in ArchivesSpace” talk at Beyond the Basics ArchivesSpace Skill Share, Philadelphia, PA, October 17, 2016
- “Effective Metadata Systems for Archives: EAD and Unified Collection Management Systems.” New York Archives Conference (NYAC), SUNY Fredonia, June 4, 2015
- “T.E. Lawrence and Lowell Thomas.” Two hour talk with Scott Anderson, author of *Lawrence in Arabia: War, Deceit, Imperial Folly and the Making of the Modern Middle East*, a New York Times Notable Book and Finalist for the 2014 National Book Critics Circle Award, Half King Photography Series, New York, NY, July 30, 2013

Local

- “Did You Know About the Archives?” UAlbany BIG Event Short Takes, Albany, NY, April 6, 2019
- “Challenges of Digital Archives,” for the Capital Area Archivists (CAA), Milne Hall, Albany, NY. October 23rd, 2017
- “Data Analytics Approaches for Web Archives,” UAlbany Advanced Data Analytics Lightning Talks Series, Albany, NY. October 11, 2017
- “Marcia Brown at the State College for Teachers (1936-1940).” At “Celebrating the Life of an Artist,” University at Albany, Albany, NY, April 8, 2016

Posters

- “EADMachine: An Easy EAD Creation and Editing Tool: Automating Complex EAD Finding Aids for the National Death Penalty Archives.” CLIR Hidden Collections Unconference & Symposium, University of Pennsylvania, March 12, 2015

Grants

- **Participant-Advisor.** “Lighting the Way: Illuminating the Future of Discovery and Delivery for Archives,” 2019-2020 (\$148,130). Institute of Museum and Library Services (IMLS) National Leadership Grants for Libraries
- **Minor Co-Author, Digital Media Team member.** “Remembering Lost Places: A Digital History of Urban Renewal,” 2019 (\$30,000). National Endowment for the Humanities (NEH) Digital Projects for the Public: Discovery Grant
- **Minor Co-Author, Digital Media Team member.** “Picturing Urban Renewal,” 2018-2019 (\$49,587). National Endowment for the Humanities (NEH) Digital Humanities Advancement Grant
- **Co-Author & Project Manager.** “The Digital Archive of Executions in the United States, 1608-2002: Digitization and Access to the M. Watt Espy Papers,” 2017-2019 (\$157,775). Council on Library and Information Resources (CLIR) Digitizing Hidden Collections Grant
- **Author.** Hubbard Family Papers Processing Project, Dutchess County Historical Society, 2014-2015 (\$8,297). New York State Documentary Heritage Program (DHP)

Teaching

Workshops

- “Introduction to Python and ArchivesSnake for Archivists,” workshop at ArchivesSpace User Forum, Austin, TX, August 2, 2019
- “Introduction to Python and ArchivesSnake for Archivists,” workshop for Metro Library Council, New York, NY, May 30, 2019
- “Born-Digital Access Bootcamp” Workshop, with Alison Clemens and Rachel Appel, Digital Library Federation (DLF) Forum, Las Vegas, NV, October 14, 2018.
- “Born-Digital Access Bootcamp” Workshop with Alison Clemens for Digital Archivists of Philadelphia, Swarthmore College, Swarthmore, PA, August 18, 2017.
- “Automating Web Archives Records in ArchivesSpace,” workshop at Beyond the Basics ArchivesSpace Skill Share, Philadelphia, PA, October 17, 2016

Guest Lectures for University at Albany MSIS program

- “University Archives in Practice at UAlbany,” IST 656, Archives and Manuscripts, November 11, 2019
- “University Archives in Practice at UAlbany,” IST 656, Archives and Manuscripts, October 9, 2018
- “University Archives in Practice at UAlbany,” with Brian Keough, IST 656, Archives and Manuscripts, October 10, 2017
- “Born-Digital Records in Practice at UAlbany,” IST 547 Electronic Records Management, April 24, 2017
- “How to Metadata,” IST 653 Digital Libraries, March 24, 2016
- “Using XML data with XQuery,” IST 538 Fundamentals of XML, April 9, 2015
- “Using XML data with XQuery,” IST 538 Fundamentals of XML, November 13, 2014

Exhibits

- *University on the Make, 1960-1970 Online Exhibit*, Timeline of UAlbany's unrest during its transition from a small teacher's college to a large research university with Ben Covell, January 2017
- *Selections from the National Death Penalty Archives*, University at Albany Special Collections and Archives, Science Library, co-curator with Jodi Boyle, April 2015
- *Hidden Treasures: Photographers and the Lowell Thomas Papers*, Marist College Art Gallery, February-March 2013
- *Journey to the Land of Our Past with The Lowell Thomas Travelogues Online Exhibit*, May 2013
- *Journey to the Land of Our Past with The Lowell Thomas Travelogues*, Marist College, Lowell Thomas Communication Center, October 2011

Continuing Education – Workshops

- “Solr for Newbies” Workshop at Code4Lib, San Jose, CA, February 19, 2019
- “Teaching the DLF Project Managers Toolkit.” Learn@DLF, Digital Library Federation (DLF) Forum, Las Vegas, NV, October 14, 2018

- “Beyond the Basics ArchivesSpace Skill Share.” Chemical Heritage Foundation, Philadelphia, PA, October 17, 2016
- “Dive Deeper into Hydra,” Workshop at Code4Lib, Philadelphia, PA, March 7, 2016
- “Dive into Hydra,” Workshop at Code4Lib, Philadelphia, PA, March 7, 2016
- “From Theory to Action: A Pragmatic Approach to Digital Preservation Strategies and Tools.” Digital POWRR Workshop, University at Albany, SUNY, October 22, 2015
- “Accessioning and Ingest of Electronic Records.” Society of American Archivists (SAA) DAS Course, SUNY Fredonia, June 3, 2014
- “Arrangement and Description of Electronic Records II.” Society of American Archivists (SAA) DAS Course, Washington, DC, August 12, 2014
- “Arrangement and Description of Electronic Records I.” Society of American Archivists (SAA) DAS Course, Washington, DC, August 11, 2014

Service

Professional Association Membership

- Capital Area Archivists, 2014-present
- Mid-Atlantic Regional Archives Conference (MARAC), 2014-present
- New York Archives Conference (NYAC) 2015-present
- Society of American Archivists (SAA), 2014-present

National Professional Service

- **Member**, ArchivesSpace Core Committers Group, 2018-present
- ArchivesSpace Technical Advisory Council, 2018-present
 - **Member**, Migrations Sub-Team
 - **Member**, Integrations Sub-Team
- SAA Technical Subcommittee on Describing Archives: A Content Standard (TS-DACS)
 - **Companion Standards Leader**, 2018-present
- **Contributor and Committer**, ArchivesSnake (Python Client Library for the ArchivesSpace API), 2017-present
- **Advisor**, “Systems Interoperability and Collaborative Development for Web Archiving,” (WASAPI Project) funded by the Institute of Museum and Library Services (IMLS) National Leadership Grants for Libraries, 2018
- **Member**, Born-Digital Access Bootcamp Group, Digital Library Federation (DLF), 2016-present
- **Peer Reviewer**, *The American Archivist*, 2019
- **Peer Reviewer**, *Practical Technology for Archives*, 2016, 2017
- **Member**, Portland Common Data Model (PCDM) Web Archiving Working Group, 2017-2018

- **Member**, SAA Congressional Papers Section (CPS) Electronic Records Committee, 2016-2018

Local/Regional Professional Service

- Capital Area Archivists (CAA)
 - **President**, 2018-present
 - **Board Member**, 2017-2018
- **Member**, EmpireADC Advisory Group (formerly New York EAD Committee), 2015-2018, 2019-present
- Regional Area Archivist Consortium (RAAC)
 - **Representative**, Capital Area Archivists (CAA), 2016-2018
- **Consultant**, Dutchess County Historical Society, 2014-2015

University Service

- University Senate
 - **Senator** (Elected At-Large), University Senate, 2018-present
 - **Member**, Committee on Academic Freedom, Freedom of Expression, & Community Responsibility (CAFFECOR), 2018-present
 - **Member**, Academic Program Review Committee (APRC), 2016-2018
- **Member**, 175th Anniversary Planning Committee, 2018-2019
- **Member**, Building Naming Advisory Work Group, 2018-2019
- Alumni Tours of the Downtown Campus
 - Class of 1955 (2015)
 - Class of 1965 (2015)
 - Class of 1966 (2016)
 - Class of 1964 (2019)
 - Milne School Class of 1965 (2015)
 - Milne School Class of 1966 (2016)
 - Milne School Class of 1967 (2017)

Library Service

Standing Committees

- **Secretary** (Chair-Elect), Library Faculty, 2019-2020
- Personnel Policies Committee (PPC)
 - **Member**, 2018-2019
 - **Co-Chair**, 2017-2018

- **Co-Chair**, Personnel Review Committee (PRC), 2016-2017

Search Committees

- Subject Librarian for Physical Sciences, Mathematics & Statistics, Computer Science and Engineering, 2019
- Web Developer/Designer, 2017-2018
- Subject Librarian for Anthropology, Geography and Planning, and Communication, 2016

Additional Committees and Projects

- **Member**, Digital Scholarship Conference Planning Committee, 2018-present
- **Member**, Digital Scholarship Center Task Force, 2017-2018
- Science Library Welcome Event table staff, 2016, 2017
- Great DANETopia table staff, 2015