HELEN DAVIES

Department of English | University of Colorado Colorado Springs
hrdavies5@gmail.com

Education

University of Rochester, Ph.D. in English, 2020
>Dissertation: "Translating Space: The Vercelli *Mappa Mundi* and Visual Pedagogy"
>Advisors: Gregory Heyworth and Lindy Brady
>Additional PhD coursework in English, University of Mississippi, 2014 - 2016

Loyola University Chicago, M.A. in Digital Humanities, 2013
>Thesis: "Digital Danelaw"
>Advisor: Nicholas Hayward

University of York, M.A. in Medieval Studies, 2011
>Thesis: "The Communication of Religious Identity in Anglo-Scandinavian Society"
>Advisor: Steve Ashby

Loyola University Chicago, B.A. in History and Classical Civilizations, 2009
>Minors in Latin, Anthropology, and Medieval Studies
>Graduated *cum laude*

Academic Appointments

University of Colorado Colorado Springs, 2020-Present
Assistant Professor of the Digital Humanities, English Department

University of Colorado Colorado Springs, 2022-Present
Co-Director, Center for Research Frontiers in the Digital Humanities

Publications

"Digital and Scientific and Tools and Techniques". With Laura Morreale. in *Reading Medieval Maps*. Brill Press. In Press.

"Vercelli *Mappa Mundi*." With Heather Wacha. *Digital Mappa*. Digital Edition. In Press.

"Reading the Map: Ostriches, *Mappae mundi* and Kingship." *Peregrinations*. Revise and Resubmit.

"All that we See is Vision": William Blake's Four Zoas Manuscript and Multispectral Imaging." With Oishani Sengupta, Eric Loy, and Alex Zawacki. in *Manuscript Studies in William Blake*, edited by Mark Crosby. Palgrave. In Press.

"A Tale of Two Technologies: Multispectral Versus Hyperspectral Imaging for Manuscripts" with Alexander J. Zawacki, Tania Kleynhans, Gregory Heyworth, Kyle Ann Huskin, and David Messinger. Forthcoming *Digital Philology*.

"The New 'Dark Archive': Multispectral imaging, digital surrogates, and the new 'big data' problem."

With Alex Zawacki. *Dark Archives: Volume I Voyages into the Medieval Unread and Unreadable, 2019-2021.* 2023.

"Commentary on A Map of the World (Cotton MS Tiberius B V/1)." Bloomsbury Medieval Publishing. October, 2022.

"Multispectral Imaging of the Vercelli Mappa Mundi: A Progress Report." *Imago Mundi* 72, no. 2 (2020): 181-191.

" Making Light Work: Manuscripts and Multispectral Imaging" With Alexander Zawacki. *Journal of the Early Book Society* 22 (2019): 179-197.

"Medieval *Mappae Mundi* as Deep Maps." In *Digital Medieval,* edited by Kathryn Beebe and David LeFavor. Winner of the Webb-Smith Essay Prize. Forthcoming.

"Digital Mapping." With Gregory Heyworth. In *A Companion to English* Mappaemundi *of the Twelfth and Thirteenth Centuries.* edited by Dan Terkla and Nick Millea. Boydell & Brewer. November 2019.

"Collaboration and Annotation: Pelagios, Recogito and Multispectral Imaging of Cultural Heritage Objects." *EuropeanaTech*. With Alexander Zawacki. *Insight.* April 2019.

"Hiberno-Manx Coins in the Irish Sea." In *The Medieval Cultures of the Irish Sea and the North Sea,* edited by Jozi Nagy and Charles MacQuarrie. Amsterdam University Press, 2019.

Digital Humanities Projects
UCCS Digital Humanities Center (Co-Founder, Co-Director). 2022-Present.

Ethics of Chat GPT. (collaborator). 2022-2023.

Videntes (Director, Co-Founder)
 Digital humanities and cultural heritage recovery project. 2022-Present.

Andvari: digital thesaurus (participant). 2021-2022.

 Institute of Cultural Heritage Imaging (board member). 2020-Present.

"A Brief Introduction to Medieval Maps" (contributor)
Middle Ages for Educators. Providing safe introductory materials on the Middle Ages for grade school teachers. 2020.

Lazarus Project (team member)
Portable multispectral imaging digital humanities project designed to recover images and texts from damaged substrate. 2020-Present.

"Medieval Maps and Mapping Resources" (contributor)
Support online bibliography. 2020.

Digital Mappa (contributor)

Editing the Vercelli *Mappa Mundi* with Dr. Heather Wacha. 2019-present.

The William Blake Archive (editorial assistant).
Multispectral imaging advice and processing of the *Four Zoas* manuscript. 2018-2020

Digital St. George and Digital Elmina (research assistant)
Photogrammetric 3D reconstruction of St. George, Bermuda
and Elmina Castle, Ghana . 2017

R-CHIVE (graduate student coordinator)
Inter-university multispectral imaging collaboration. 2016-2020.

Lazarus Project (graduate student coordinator, webmaster)
Portable multispectral imaging digital humanities project designed to recover images and texts from damaged substrates . 2013-2020.

Mississippi Digital Humanities Collective (co-founder, webmaster)
Inter-university digital humanities research hub. 2016

Jesuit Libraries Provenance Project (graduate student coordinator)
Digital humanities project seeking to uncover the history of the acquisition and use of Loyola's original library books utilizing social media to crowdsource information, display images, and interact with those interested in book history. 2013-2014.

Xavier Digital Manuscript Project
Interactive display and pedagogical tool showcasing manuscripts in the Rare Books collection at Xavier University. 2011.

Additional Professional Training
Mirador for Medievalists. New Haven, Connecticut. 2018.

Manusciences Summer School. Fréjus, France. 2017.

Rare Book School. "The Medieval Manuscript in the Twenty-First Century." Philadelphia, PA. 2016.

Digital Humanities Summer Institute. "3D Modelling for the Digital Humanities and Social Sciences." University of Victoria. Victoria, BC. 2016

National Endowment for the Humanities Summer Seminar. "The Irish Sea Cultural Province: Crossroads of Medieval Literature and Languages." Northern Ireland, Isle of Man, and Scotland. 2015.

Mellon Summer Institute. "York Archbishops' Registers Revealed." Bothwick Archives, University of York. York, UK. 2015.

Selected Conference Presentations
"Digital Recovery of Medieval Maps: Two Approaches". November 10-13, 2022.North American Conference on British Studies. Chicago, IL.

"When Two Become Four: Using Multispectral Image to Uncover What Lies Beneath". July 7, 2022. . The International Conference on the History of Cartography. Online.

"Borders and Spaces Between". July 5, 2022. Leeds International Medieval Congress. Online.

"MSI in Humanities Education". April 22, 2022.R-CHIVE meeting.Online.

"reIMAGEning Old Texts!". October 19, 2021.   Colorado Springs Cool Science Festival.Colorado Springs, Colorado.

"Old Texts in a New Light: Multispectral imaging in the classroom and the archive". July 9, 2021. Leeds International Medieval Congress. Online.

"Early Career Researchers in Digital Medieval Studies: A Round Table Discussion." July 6, 2021. Leeds International Medieval Congress. Online.

"Multispectral Imaging on a Budget". June 30th to July 2nd, 2021. 3rd R-CHIVE (Rochester Cultural Heritage, Imaging, Visualization and Education). Online. Conference

"Mind the Gap: Bridging Departments and Disciplines in the Digital Humanities". May 15, 2021. 56th International Congress on Medieval Studies. Online.

"Collaborating across Disciplines and Universities". May 12, 2021. 56th International Congress on Medieval Studies. Online.

"Traveling through Time and Place: The Vercelli Map in Context". January 14, 2021. Carleton College. Online.

"Cartography and Collaboration: Multivalent Perspectives on the Vercelli Map". January 12, 2021. Carleton College. Online

"The Ostrich: Hypocrisy and Kingship". November 19, 2020. Southeastern Medieval Association (SEMA) Digital Symposium. Online.

"Cartographic Comparisons: A New Approach to Medieval Mappae Mundi". October 30-November 1, 2020. 39th International Conference of the Haskins Society. Online.

"Recovering the Past". October 10-18, 2020. Colorado Cool Science Fair. Online.

"TEI in a New Undergraduate Classroom". October 22, 2020. Editing and Encoding in the Undergraduate Classroom. Online.

"The Hypocrite: the Ostrich or the King". October 8-10, 2020. Rocky Mountain Medieval and Renaissance Association Digital Symposium. Online.

"The Dark Archives in the Digital Classroom: Technologies, Techniques, and Teaching". With Alexander Zawacki. September 10-14, 2019. Dark Archives: A Conference on the Medieval Unread and the Unreadable. University of Oxford. Oxford, England.

"The Vercelli *Mappa Mundi*: Recovery and Context". July 14-19, 2019. International Conference on the History of Cartography. Amsterdam, Netherlands.

"New Worlds: Multispectral Imaging and *Mappaemundi*". July 1-4, 2019. International Medieval Congress. University of Leeds. Leeds, UK.

"Mapping Purgatory: Saint Patrick's Purgatory". May 9-12, 2019. 54th International Congress on Medieval Studies. University of Western Michigan. Kalamazoo, MI.

"Recovery and Loss: (Multispectral) Imaging and Image Rights". Jan. 3-6, 2019. Annual Convention of the Modern Language Association. Chicago, IL.

"Absence Makes the Heart Grow Fonder: absence, location, and migration on medieval maps". Nov. 8-10th, 2018. 44th Annual Meeting of the Southeastern Medieval Association. University of the Bahamas. Nassau, Bahamas.

"Resurrecting Old Books with New Technologies: Multispectral Imaging and Medieval Studies" May 10-13, 2018. 53nd International Congress on Medieval Studies. Western Michigan University. Kalamazoo, MI.

"The Holy City and the World: Medieval Maps as Pedagogical Tools". November 16-18, 2017. 43rd Annual Meeting of the Southeastern Medieval Association. College of Charleston and The Citadel. Charleston, SC.

"Exploring Damaged Worlds: Multi-Spectral Imaging and the Vercelli Mappa Mundi". November 4-5, 2017. Terra Digita. Cornell University. Ithaca, NY.

"Reviving a Lost World: Multispectral Imaging and the Vercelli Mappa Mundi". September 10-15, 2017. Manusciences. Frejus, France. Poster.

"Multispectral Imaging and Forgotten Worlds". August 30-September 1, 2017. Digital Cultural Heritage. Staatsbibliothek Berlin. Berlin, Germany.

"Recovering Lost Worlds: Multispectral Imaging and Medieval Maps". June 19-20, 2017. R-CHIVE. University of Rochester and Rochester Institute of Technology. Rochester, NY. Poster.

"Deep Mapping Medieval Maps." May 11-14, 2017. 52nd International Congress on Medieval

Studies. Western Michigan University. Kalamazoo, MI.

"Resurrecting the World: Multi-Spectral Imaging in a Thirteenth-Century Map." May 5, 2017. 2nd Annual Cornell Digital Humanities Graduate Student Symposium. Cornell University. Ithaca, NY

"Mapping the Deep: Understanding Saint Patrick's Purgatory through Deep Mapping." March 2017. Vagantes Conference on Medieval Studies. University of Notre Dame. South Bend, IN.

"Resurrecting the Map: Medieval Mappae Mundi, Multi-Spectral Imaging, and Deep Mapping." November 2016. Chicago Colloquium on Digital Humanities and Computer Science. Chicago, IL.

"The Power of Placement on the Vercelli Mappa Mundi." October 2016. 42nd Annual Meeting of the Southeastern Medieval Association. Knoxville, TN.

"Mapping the Ends of the Earth: Contextualizing New Material from the Vercelli Mappa Mundi." June 2016. 4th Annual Symposium on Medieval and Renaissance Studies. Saint Louis University. St. Louis, MO.

"There's a Map for That: Elucidating Medieval Mappae Mundi through Contemporary Mapping Technologies." May 2016. 51st International Congress on Medieval Studies. Western Michigan University. Kalamazoo, MI.

"Money and Politics: The Political Implications of Hiberno-Manx Coins." April 2016. American Conference for Irish Studies. University of Notre Dame. South Bend, IN.

"Exploring the Edge of the World: Contextualizing the New Material from the Vercelli Mappa Mundi." March 2016. Digitorium: University of Alabama Digital Humanities Conference. Tuscaloosa, AL.

"Mapping Change: Contextualizing the Vercelli Mappa Mundi." February 2016. Vagantes Conference on Medieval Studies. Rice University. Houston, TX.

"Mapping the World between Heaven and Hell: The Vercelli Mappa Mundi." October 2015. 41st Annual Meeting of the Southeastern Medieval Association. Little Rock, AR.

"Literary Culture around the Irish Sea in the Middle Ages (A Roundtable)." July 2015. 15th International Congress of Celtic Studies. University of Glasgow. Glasgow, UK.

"Layering Space and Time: Exploring a Digital Display of Physical and Literary Geography of the Recovered Vercelli Mappa Mundi." April 2015. Digitorium: University of Alabama Digital Humanities Conference. Tuscaloosa, AL.

"Displaying the Vercelli Mappa Mundi." February 2015. Vagantes Conference on Medieval Studies. University of Florida. Gainesville, FL.

"Social Media and the Message: Reconciling Differences between the Digital and the Analog." October 2014. 40th Annual Meeting of the Southeastern Medieval Association. Atlanta, GA.

"Social Media and the Message." June 2014. Ohio Medieval Colloquium. Columbus State Community College. Columbus, OH.

Conferences Organized
R-CHIVE. Rochester Cultural Heritage Imaging Visualization and Education Summer Seminar. July 22-24, 2019. Rochester, NY.

Andrew W. Mellon Digital Humanities Symposium. April 8-10, 2019. University of Rochester. Rochester, NY.

R-CHIVE. 2nd annual meeting of Rochester Cultural Heritage Imaging, Visualization and Education. June 7-8th, 2018. Rochester, NY.

THATCamp Rochester. March 23, 2018. Memorial Art Gallery. Rochester, NY.

R-CHIVE. 1st annual meeting of Rochester Cultural Heritage Imaging, Visualization and Education. June 19-20th, 2017. Rochester, NY.

Invited Talks
"Slow Scholarship: Ideals and Realities". Slow Scholarship Panel. October 31, 2022. UCCS.

"Letters in the past: ephemera that survives". Letters Panel. October 27, 2022. Invitation from Dr. Ann Amicucci. UCCS.

"Historical Forensics - Recovering the Past: forgotten worlds, lost texts, and damaged manuscripts". Curiosity Unlimited. October 14, 2022. UCCS.

"Digital Mapping: Working with Medieval Maps". Quo Vadis: Digital Mapping and Medieval Studies Today. October 5, 2022. Harvard University and Digital Medievalist. Online.

"Multispectral Imaging". October 3, 2022. Towson University at Dr. Victoria McAlister. Online.

"Medieval Maps and Manuscripts". June 5, 2022. Interview with Dr. Jackson Crawford. https://www.youtube.com/watch?v=EHwVxvCTUL0&t=18s

"Multispectral Imaging, Medieval Manuscripts, and Cultural Heritage" February 28, 2022. Rochester Institute of Technology at Invitation from Dr. Tania Kleynhans. Online.

"Multispectral Imaging in Colorado". October 19, 2021. Colorado College. Online.

"Multispectral Imaging". Coding Codices Podcast. Digital Medievalist. Recorded August 2, 2021. Released March 4, 2022. https://podcast.digitalmedievalist.org/episode-11-multispectral-imaging/

Medieval Manuscripts, Multispectral Imaging, and the Digital Humanities". April 14, 2021. Western Michigan University at an invitation from Dr. Marjorie Herrington. Online.

"Traveling through Time and Place: The Vercelli Map in Context". January 14, 2021. Carleton College. Online.

"Cartography and Collaboration: Multivalent Perspectives on the Vercelli Map". January 12, 2021. Carleton College. Online.

"The Vercelli *Mappa Mundi* and Medieval Maps". November 2, 2020.University of Rochester at an invitation from Gregory Heyworth. Online.

"Maps, the digital humanities, and multispectral imaging". October 22, 2020. Elon University at an invitation from Evan Gatti. Online.

"History of the Book for Imaging". August 2019. Rochester Institute of Technology. Rochester, New York.

"The Lazarus Project's Work on Multispectral Imaging". July 2019. Saxon State and University Library. Dresden, Germany.

"The Lazarus Project and Multispectral Imaging". April 2019. Global DH: DH Open House. University of Rochester. Rochester, NY.

'A Little Light Music: The Multispectral Recovery, Pedagogy, and Performance of Telemann's Lost Concerto". March 2019. Visualizing Data in the Arts. Rochester, NY.

"How to incorporate cultural heritage imaging into a history project". March 2019. Rochester Institute of Technology. Rochester, New York.

"The Lazarus Project and Multispectral Imaging". April 2019. Global DH: DH Open House. University of Rochester. Rochester, NY.

Cultural Heritage Imaging at the University of Rochester. October 2018. Meliora Weekend. University of Rochester. Rochester, New York.

Digital Surrogates and Cultural Heritage. May, 2018. The Digital Scholarship Lab Showcase. University of Rochester.

Selected Awards and Fellowships
Teaching Enhancement Grant. ($6,000). Colorado Springs, CO. 2022.

Revitalization Fellowship. UCCS. ($20,000). Colorado Springs, CO. 2022.

Andvari Iconographic Thesaurus. Kress Foundation. Participant. ($1000). 2021

Multispectral imaging for Heritage Recovery. Faculty Assembly Women's Committee mini-grant. ($500). Colorado Springs, CO. 2021.

Russell A. Peck Fellowship ($300). University of Rochester. Rochester, NY. To present research at Dark Archives: A conference on the medieval unread & unreadable at the University of Oxford. 2019.

Writing, Speaking and Argument Program Teaching Fellowship ($5,500). University of Rochester. Rochester, NY. 2019.

Summer Research Funding ($2000). University of Rochester. Rochester, NY. To present the International Medieval Congress, Leeds and the International Conference on the History of Cartography. 2019.

Travel Honorarium ($750). American Friends of the J. B. Harley Research Fellowships, Inc. Amsterdam, Netherlands. 2019.

Graduate Student Association Travel Grant ($500). University of Rochester. Rochester, NY. To Present at the International Congress on Medieval Studies at the University of Western Michigan. 2018.

Summer Research Funding ($1252). University of Rochester. Rochester, NY. To compare results from the hyperspectral imaging system at the Bodleian to those from the multispectral imaging system at the University of Rochester. 2018.

Travel Honorarium ($300). Medieval Academy of America and the Beinecke Library. New Haven, CT. 2018.

Webb-Smith Essay Competition focusing on the Digital Humanities, Winner ($500). 2018.

Andrew W. Mellon Fellowship in the Digital Humanities ($24,000 per annum). University of Rochester. Rochester, NY. 2017-2019.

Russell A. Peck Fellowship ($300). University of Rochester. Rochester, NY. To present research at the Southeastern Medieval Association in Charleston, SC. 2017.

Travel Honorarium ($300). Rice University. Houston, TX. 2016.

Worlding of Medieval Ireland ($100). University of Notre Dame. South Bend, IN. 2016.

Tuition Scholarship ($800), Digital Humanities Summer Institute. University of Victoria. Victoria, BC. 2016.

Director's Scholarship, Rare Book School. Philadelphia, PA 2016.

Summer Research Assistantship ($3000), Graduate School. University of Mississippi. Oxford, MS. 2016.

Harold J. Kendis Fellowship in Medieval Studies ($4,250/year). University of Mississippi. Oxford, MS. 2014-2016.

Honorarium ($150). Ohio Medieval Colloquium. 2014.

Digital Humanities Fellowship ($5,000/year). Loyola University Chicago. Chicago, IL. 2011-2013.

Distinction in Paleography. University of York. York, UK. 2011.

Bursary (£700). Centre for Medieval Studies, University of York. York, UK. 2009.

Teaching Experience
Instructor of Record, University of Colorado Colorado Springs,
English 4850, "History of the English Language", Spring 2023

Co-Instructor of Record, University of Colorado Colorado Springs
GPS, "To University and Beyond: Freshman Seminar", Fall 2022

Instructor of Record, University of Colorado Colorado Springs
English 4500, "Senior Seminar in Medieval Literature: Vikings, Celts and Early English Literature", Fall 2022

Instructor of Record, University of Colorado Colorado Springs
English 5500, "Graduate Seminar in Medieval Literature: Vikings, Celts and Early English Literature", Fall 2022

Instructor of Record, University of Colorado Colorado Springs
English 2510, "British Literature pre-1600 Survey", Fall 2022

Instructor, University of Colorado Colorado Springs,
Graduate Latin Reading Group, Fall 2022

Instructor, Digital Humanities Summer Institute
"Digital Humanities without a Budget", Summer 2022

Instructor of Record, University of Colorado Colorado Springs,
English 9500, " Graduate Level: Medieval Literature in England", Summer 2022

Instructor of Record, University of Colorado Colorado Springs,
English 3920, History 3000, Hum 3990, Study Abroad Summer 2022

Co-Instructor with Dr. Brian Cook of Auburn, University of Colorado Colorado Springs,
Graduate Reading Group, "Beowulf in Old English", Fall 2021, Spring 2022

Instructor of Record, University of Colorado Colorado Springs
History 6690, "Digital Humanities and Book History", Spring 2022

Instructor of Record, University of Colorado Colorado Springs
English 49500, "Multispectral Imaging and Book History", Spring 2022

Instructor of Record, University of Colorado Colorado Springs
English 3900, "Medieval Travel Literature", Spring 2022

Instructor of Record, University of Colorado Colorado Springs
English 9500, "Graduate Independent Study: Old English Language and Literature", Fall 2021

Instructor of Record, University of Colorado Colorado Springs
English 3075, "Introduction to Digital Humanities", Fall 2021

Instructor of Record, University of Colorado Colorado Springs
English 3900, "Archives and Digital Imaging", Summer 2021

Instructor of Record, University of Colorado Colorado Springs
English 3900, "Medieval Travel Literature", Spring 2021

Instructor of Record, University of Colorado Colorado Springs
English 4950, "Literary Mapping", Spring 2021

Instructor of Record, University of Colorado Colorado Springs
English 3000, "Intro to Digital Humanities", Fall 2020

Instructor of Record, University of Rochester
Writing 105, "#Wanderlust: Travel Writing in the Medieval and Modern World", Fall 2019, Spring 2020

Instructor of Record, University of Rochester
Digital Media Studies Digital Portfolio, Spring 2020

Co-Teaching, University of Rochester
Digital Media Studies Digital Portfolio, Spring 2019

Teaching Assistant, University of Rochester
Digital Media Studies Capstone, Fall 2018

Teaching Assistant, University of Rochester
Digital Media Studies 103, Spring 2018

Teaching Assistant, University of Mississippi
English 225, "British Literature to 1800," Fall 2014, Spring 2015, Fall 2015

Service
How to apply to and survive graduate school". Organized and Presented. English Department. UCCS. November 9, 2022.

UCCS Graduate Humanities Alliance. Faculty Mentor. UCCS. 2022-Present.

Social Outreach Committee Director. English Department. UCCS. 2022-Present.

"Careers in English and Beyond". March 2021. Co-organizer. UCCS. 2021.

UCCS Council on Undergraduate Education. College Representative. UCCS. 2021-Present.

UCCS Committee on Academic Progress. Voting Member. UCCS. 2021-Present.

"Virtual English Department Finals Study Hours". Co-organizer.December, 2020.

"Virtual English Department Social". Co-Organizer. November, 2020.

Social Outreach Committee Member. English Department. UCCS. 2020-2022.

Representative Council Member. English Department. UCCS. 2020-Present.

Additional Relevant Experience
Graduate Assistant, Rossell Hope Robbins Library. 2017.
Assisted with library customers and ongoing library projects.

Program Coordinator, Lazarus Project. 2016-2020.
Coordinated projects and training; processed and stitched images; developed standardized protocols; created and implemented new metadata scheme for innovative custom database.

Board Member, Vagantes: A Conference in Medieval Studies. 2015-2017.
Social media outreach; coordinate communications; manage web presence.

Webmaster, Medieval Studies Minor, University of Mississippi. 2014-2016.
Redesigned, maintained, and updated website for the medieval studies minor.

Graduate Student Coordinator, Jesuit Library Provenance Project. 2013-2014.
Uploaded, tagged, organized, and transcribed digital images.

Intern, American Library Association. 2011-2013.
Researched and created webpages for the ALA including "Transforming Libraries," "Libraries Matter," "Professional Tools A-Z," and "Awards & Grants Database." Worked with Drupal and HTML on a daily basis.

Graduate Student Reference Assistant, Loyola University Chicago. 2011-2013.
Assisted students and faculty with using databases and locating materials; developed digital humanities collection.

Latin and History Tutor, Wyzant, Chicago, IL. 2010-2014.
Instructed high school students in History and Latin.

Dissertation Digitizer, Library Systems, Loyola University Chicago. 2012.
Scanned dissertations and theses as part of a new digitization project.

Document Photographer, Luna Imaging. 2012.
Photographed documents from the seventeenth to twentieth centuries held at the Newberry Library.

Ryerson & Burnham Archive Intern, Art Institute of Chicago. 2011.
Selected digital images for inclusion in "History Pin," a Google-backed project; formatted appropriate metadata.

Manuscript Volunteer, Xavier University. 2011.
Researched and photographed two thirteenth-century manuscripts owned by the university; developed a digital format to display the manuscripts.

Archive Volunteer, Warren County (OH) Historical Society. 2011.
Created the Warren County Archive's first digital record for a Civil War collection.

Digital Photography Volunteer, York Minster Library. 2009-2010
Processed scholars' requests for digital images; digitally photographed a collection of fifteenth- to eighteenth-century books for online display.

Reading Languages
Latin, Old Irish, Old Norse, Old English, Italian

Computer Skills
XML, HTML, Drupal, WordPress, Adobe Photoshop, Adobe Illustrator, SketchUp, Omeka, ENVI, Agisoft, Hoku.