

## Katherine L McDonough

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## Professional History

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### Positions

- 2018- **Stanford University**  
Academic Technology Specialist, Department of History & Center for Interdisciplinary Digital Research, Stanford University Libraries
- 2016-17 **Western Sydney University**  
Research Associate in Digital Humanities, *Mapping Print, Charting Enlightenment* Project
- 2015-16 **Bates College**  
Visiting Assistant Professor of Early Modern European History
- 2013–15 **Stanford University**  
Lecturer in History and Philosophy of Science & Program in Writing and Rhetoric  
Humanities and Arts Initiatives Coordinator  
Office of the Dean, School of Humanities and Sciences

### Education

- 2013 **Stanford University, Ph.D. 2013, M.A. 2009** (Department of History). Dissertation: *Building the Roads: Expertise, Labor, and Politics in Provincial France, 1675-1791*, Keith M. Baker, advisor. Paula Findlen, Dan Edelstein, James P. Daughton, committee members.
- 2010–11 **École normale supérieure**, Paris, Visiting PhD Candidate.
- 2009–10 **Université de Haute Bretagne**, Rennes, Visiting Researcher, Centre de Recherches Historiques de l'Ouest.
- 2006 **Johns Hopkins University, B.A. 2006** in History and French Literature, minor in Music (Phi Beta Kappa). Thesis: *Penser le pan-Celtisme en Bretagne: la politisation d'une nouvelle nationalité, 1792-1839*, David A. Bell, advisor.

## Awards

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### Fellowships and Major Grants

- 2018 Neubauer Collegium and Textual Optics Lab, University of Chicago, Visiting Postdoctoral Fellow, October-November
- 2018-20 United Parcel Service Endowment Fund at Stanford University, "Early Modern Mobility: Knowledge, Communication, and Transportation, 1500-1800" (\$100,000 w/Paula Findlen, Susanne Sutherland, Rachel Midura, Iva Lelkova, and Luca Scholz)

2016	Canadian Centre for Architecture, Montreal, Quebec, Visiting Scholar Program (declined)
2015-16	Smithsonian Libraries, Washington, D.C., Dibner Library Fellow, June 2015 & Oct-Dec 2016
2015	Camargo Foundation, Cassis, France, Eleven-week Fellowship (declined)
2013	John Carter Brown Library, Brown University, Two-month Fellowship, March-May
2012-13	Stanford University History Department, Weter Fellowship
2011-12	Stanford Humanities Center, Mellon Foundation Dissertation Fellowship
2010-11	National Science Foundation, Dissertation Research Improvement Grant #1027316
2006-11	Stanford University History Department, Five-year Fellowship

### Grants and Scholarships

2017	Digital Humanities Summer Institute, Course Scholarship
2017	Western Sydney University, Early Career Research Infrastructure Funding, \$4,259 AU
2016	Pelagios Commons, Travel Bursary
2016	Western Sydney University, Early Career Researcher Funding, \$5,254 AU
2016	Harvard Center for Community Partnerships Course Grant, Bates College
2016	Bates College, Faculty Development Fund
2016	Bates College, Boyle Shea Research Grant
2015	Program in History & Philosophy of Science, Stanford University, Travel Grant
2012	History of Science Society, NSF Travel Grant
2012	Society for the History of Technology, Travel Grant
2011-12	Stanford Vice Provost for Graduate Education, Stanford History Archival Workshop Grant
2008	Stanford University, Graduate Research Opportunity Grant
2005-10	Beinecke Scholarship
2003	Johns Hopkins University, Provost's Undergraduate Research Award

### Publications and Projects

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#### Books

*Public Works Laboratory: Building a Province in Eighteenth-Century France.* Manuscript to be submitted in December 2018.

*The History of Geographic Information.* New project.

#### Refereed Journal Articles

Accepted	With Matje van de Camp and Ludovic Moncla, "Beyond Gazetteers: Expanding the Range of Geographic Text Analysis in Historical Research," <i>International Journal of Geographical Information Science, Special Issue: Spatial Computing for the Digital Humanities</i> , 2018.
In Revision	"Invisible Inventories: Making and Using Finding Aids in Modern French Archives," <i>French Historical Studies</i> .
2012	"La corvée en Haute et Basse Bretagne: les pratiques et les plaintes des paroisses sur les grands chemins en 1769," <i>Mémoires de la Société d'histoire et d'archéologie de Bretagne</i> , vol. XC, 329-349.

## Book Chapters

- 2019 “Putting the Eighteenth Century on the Map: A Proposal for Early Modern French Geospatial Data Development,” in *Digitizing Enlightenment*, ed. by Glenn Roe and Simon Burrows (Oxford Studies in the Enlightenment).
- 2018 “Un domaine provincial? Les États de Bretagne, le domaine royal et la construction des routes au XVIII<sup>e</sup> siècle,” in *Le financement des infrastructures de transport*, ed. by Anne Conchon, David Plouviez, and Eric Szulman (Paris: Comité pour l’histoire économique et financière de la France).

## Conference Proceedings

- 2017 With Matje van de Camp, “Mapping the Encyclopédie: Geographic Text Analysis for the French Enlightenment,” *ACM SIGSPATIAL Workshop on Geospatial Humanities*, 7 November 2017.
- 2012 “Road Construction Sites in 18<sup>th</sup>-century France: Labor and Administration in Action,” with Anne Conchon, *Nuts and Bolts of Construction History: Culture, Technology, and Society*, R. Carvais, A. Guillerme, V. Nègre, and J. Sakarovitch eds. (Paris: Picard) vol. 2, 165-172.

## Digital Projects

- In progress *Geographic Analysis for Early Modern French Texts* (Primary Investigator with Matje van de Camp and Ludovic Moncla, also in collaboration with ARTFL, University of Chicago).
- 2016-17 *Mapping Print, Charting Enlightenment*, fbtee.uws.edu.au/mpce, Western Sydney University (Research Associate)
- 2010–11 *French Revolution Digital Archive*, frda.stanford.edu, Stanford University and the Bibliothèque nationale de France (Research Assistant).

## Manuscripts in Preparation

- “Provincializing Information in Old Regime France: Roads, Maps, and Dictionaries in Brittany.” To be submitted to *Critical Historical Studies*.
- “Ancients and Moderns: Road Construction Technology in Early Modern France.” To be submitted to *Isis*.
- “A New History for the Old Régime Corvée.” To be submitted to the *Journal of Modern History*.
- “From Nuisance to Resource: The Politics of Trees in Eighteenth-Century France.” To be submitted to *Environmental History*.

## Reviews

- In progress Review of Anne Conchon, *La corvée des grands chemins au 18<sup>e</sup> siècle* (Presses universitaires de Rennes, 2016) for *Annales de Bretagne et des Pays de l’Ouest*.
- 2015 Review of John C. Rule and Ben S. Trotter, *A World of Paper: Louis XIV, Colbert de Torcy, and the Rise of the Information State* (Montreal: McGill-Queen’s University Press, 2014) for *Canadian Journal of History/Annales canadiennes d’histoire*, Spring.

## Short Essays and Radio

- In progress Lesson on OpenStreetMaps for [Programming Historian](#).
- 2017 “[Report: Early Modern Linked Pasts](#),” Blog post for Pelagios Commons, May 3.

- 2016 Posts for the French Book Trade in Enlightenment Europe [project blog](#).
- 2014 “[Creating Online Presence for Early Career Researchers](#),” *Dissertation Reviews*, November 18.
- 2013 “[Stanford aims to democratize humanities professoriate](#),” *Stanford Report*, September 19.
- 2013 HASTAC (Humanities, Arts, Science, and Technology Advanced Collaboratory) Scholar Blogger, “[Humanities On the Radio](#),” and “[Digital History Project Management at Stanford](#).”
- 2012 Co-Host for discussion with Art Goldhammer on the 2012 French Presidential election, *The Peninsula Report* on KZSU, May 4.

## Lectures and Presentations

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### Invited Talks

- 2018 “Reinterpreting the *corvée des grands chemins*: Road Building and the Public Domain in Brittany,” Interdisciplinary Workshop on Modern France and the Francophone World, University of Chicago, November 2.
- 2018 “Geographic Text Analysis for Early Modern French Corpora,” Department of History, University of Utrecht, October 1.
- 2018 Knowledge Exchange: GeoHumanities, DARIAH Beyond Europe: An International Exchange of Ideas and Knowledge on Digital Arts & Humanities, Stanford University, September 13-15.
- 2018 “How to link networks?,” 3<sup>rd</sup> Digitizing Enlightenment Workshop, Oxford University, July 18-20.
- 2018 “Anachronism in Spatial History,” CESTA Seminar, Stanford University, April 24.
- 2017 “A la recherche des chiffres clés de la construction des routes bretonnes au XVIII<sup>e</sup> siècle,” Économies et sociétés pré-industrielles Seminar, directed by Anne Conchon, Université de Paris-1 (Sorbonne), January 18.
- 2016 “Where was the Enlightenment?” Digital Humanities Research Group Seminar, Western Sydney University, Parramatta NSW, Australia, October 8.
- 2016 “Privileging the Provincial in 18th-century France: What happens when we pay attention to the administration of highways and the royal domain in Brittany?,” Department of History, Bowdoin College, Brunswick, ME, April 15.
- 2015 “Reinterpreting the *corvée des grands chemins*: Road Building and the Public Domain in Brittany,” 1st Weider History Workshop on Revolutionary Economic Practices, Florida State University, Tallahassee, FL, April 24-45.
- 2014 “Maps, Society, and Politics in the 18<sup>th</sup> century,” Kenyon College, Gambier, OH, April 4.
- 2013 “Building Communities: Infrastructure and Labor in French Atlantic Colonies, 16<sup>th</sup>–18<sup>th</sup> centuries,” Fellow’s Talk, John Carter Brown Library, Brown University, Providence, RI, May 8.
- 2012 “Making the *corvée des grands chemins* work in 18<sup>th</sup> c. Brittany,” talk at workshop, “Imposer le travail: la corvée en Europe (XII<sup>e</sup>–XX<sup>e</sup> siècles),” hosted by Université de Paris-I and Institut d’Histoire économique et sociale, Paris, France, June 28.
- 2012 “Roads ‘for the Public Good’: Politics, Expertise, and Labor in Provincial France,” Michigan Technological University, Houghton, MI, March 1.

- 2011 “Public and private expertise in 18<sup>th</sup> c. France: Building roads in Brittany,” Medieval and Early Modern Studies Workshop, Stanford Humanities Center, October 20.
- 2011 “La corvée en Haute et Basse Bretagne: les pratiques et les plaintes des paroisses sur les grands chemins en 1769,” Société d’histoire et d’archéologie de Bretagne Annual Meeting, Brest, France, September 1–3.
- 2010 “Working on the *grands chemins*: the maps and men of highway construction in 18<sup>th</sup> c. Brittany,” French Culture Workshop, Stanford Humanities Center, October 21.
- 2009 “How Many Peasants Does it Take to Build a Road? Road Construction and Forced Labor in 18<sup>th</sup>- and 19<sup>th</sup>-century France,” French Culture Workshop, Stanford Humanities Center, January 22.

**Conference and Workshop Presentations** (\* indicates panel organizer or co-organizer)

- 2018 “Geographical Horizons of the Enlightenment: Using Natural Language Processing to Study Historical Spatial Knowledge,” Spatial Humanities 2018, Lancaster University, September 20-12.
- 2018 \* “Listening to History: Argument and Form in Podcasts about History,” Society for the History of Authorship, Reading and Publishing (SHARP), Western Sydney University, July 10-12.
- 2018 “Early Modern Cultures of Geographic Knowledge: Pushing the Limits of Natural Language Processing with Historical Corpora,” Computational Text Analysis Group, Stanford University, May 25.
- 2018 \* “Reframing the History of the corvée des grands chemins/corvée royale: A Generational Approach,” Society for French Historical Studies (SFHS), Pittsburgh, PA, March 8-10.
- 2017 “Mapping the Encyclopédie to Make an Early Modern Gazetteer,” 2<sup>nd</sup> Digitizing Enlightenment Workshop, Radboud University, Nijmegen, June 19-20.
- 2017 “Mapping the French Novel: Lessons and Results from the Digitization of the Print Bibliography of 18th-century French Novels,” SHARP, University of Victoria, BC, June 9-12.
- 2016 “Creating an Early Modern Gazetteer” (Poster), 2<sup>nd</sup> International Linked Pasts Symposium, Pelagios Commons, Facultad de Filología, UNED, Madrid, Spain, December 15-16.
- 2016 “Seeing and Teaching Geospatial Uncertainty with Eighteenth-Century French Gazetteers,” Social Science History Association, Chicago, IL, Nov 17-20.
- 2016 “Mapping Print, Charting Enlightenment,” Creating Spatial Historical Knowledge, German Historical Institute, Washington, D.C., October 20-22.
- 2016 “Information Management and the Battle over Public Works Administration in Eighteenth-Century Brittany,” George Rudé Seminar in French History and Civilisation, Western Sydney University, 13-16 July.
- 2016 “A Proposal for a Historical GIS of France,” 1<sup>st</sup> Digitizing Enlightenment Workshop, Western Sydney University, Parramatta, July 12-13.
- 2016 “Paying for Highways in 18<sup>th</sup> c. Brittany,” *Le financement des infrastructures de transport*, l’Université Paris I - IDHES, l’Université de Nantes, l’IGPDE et le Comité d’histoire du Ministère de l’écologie, du développement durable et de l’énergie, June 22-23.
- 2016 “Privileging the Provincial in 18<sup>th</sup> c. Brittany: The Royal Domain and Public Works,” SFHS, Nashville, TN, March 3-6.

- 2015 \* “Between Antiquity and Modernity: Building Roman Roads in 18<sup>th</sup> c. France,” Canadian Society for 18<sup>th</sup> c. Studies Conference, Vancouver, British Columbia, October 14-17.
- 2015 “Nature on Paper: Public Works Archives and the Rural Environment,” International Society for 18<sup>th</sup> c. Studies Congress, Rotterdam, Netherlands, July 27-31.
- 2015 \* “What is Public Utility? Roads and Communities in Western France, 1757-90,” American Historical Association Annual Meeting, New York City, NY, January 2-5.
- 2014 \* “Administrative Archives: Surveys of 18<sup>th</sup> c. Road Construction Sites in Rural Brittany,” SFHS, Montréal, Québec, April 24–26.
- 2012 \* “Finding Time to Build Roads in Early Modern France: Charles Thevenon and Early Public Works in Brittany,” History of Science Society Annual Meeting, San Diego, CA, November 15–18.
- 2012 \* “A History of Inventories: Processing the Old Regime in French Departmental Archives,” Western Society for French History (WSFH) Annual Meeting, Banff, Alberta, October 11–13.
- 2012 “Pathways to Highways: Local and Learned Technologies of Road Construction in Early Modern France,” Society for the History of Technology Annual Meeting, Copenhagen, Denmark, October 4–6.
- 2012 “Road construction sites in 18<sup>th</sup> c. France: Labor and administration in action,” co-presented with Anne Conchon, 4<sup>th</sup> Intl. Congress on Construction History, Paris, France, July 3–7.
- 2011 \* “From royal domain to public domain: 18<sup>th</sup> c. highway construction and public utility in rural France,” WSFH, Portland, OR, November 10–12.
- 2011 “Roads as boundaries and bridges: 18<sup>th</sup> c. highway construction in Brittany, France,” Social History Society Annual Conference, Manchester, UK, April 12–14.
- 2011 “La corvée et les entrepreneurs en Bretagne au 18<sup>e</sup> siècle,” Centre de Recherches Historiques de l’Ouest (CNRS UMR 6258), Rencontres de Binic, France, March 11.
- 2008 “The Coastal *corvée* in Northern Brittany: from water- to land-based transport in the eighteenth century,” WSFH, Québec, Québec, November 6–8.
- 2008 “Traveling through the *Encyclopédie*: Imagining Travel in the World of the *philosophe*,” The *Encyclopédie* of Diderot and d’Alembert: A Project for Enlightenment, University of Chicago, Chicago, IL, March 17–18.

### Conference Participation

- 2018 Chair, “Bridging Divides, Colonial Archives,” DH2018, Mexico City, Mexico, June 26-29.
- 2018 Discussant, *Legal Diffusion in the Late Medieval Church: Local Ecclesiastical Legislation in France and its Neighbors, 1215-1500*, organized by Rowan Dorin and Christine Barralis, Stanford University, April 18.
- 2018 Discussant, “Authority Files” panel, *Early Modern Collection Catalogues: Open Questions, Digital Approaches, Future Directions* Workshop, British Museum/UCL Centre for Digital Humanities, 15-16 February.
- 2016 Chair/Discussant, “Trading Networks Across Space and Time,” Social Science History Association Conference, Chicago, IL, November 17-20.
- 2016 Chair, Panel on Peasants and the Early Modern French State, organized by Stephen Miller, SFHS, Nashville, TN, March 3-6.

## Conference and Workshop Organization

- 2018 Program committee, ACM SIGSPATIAL Workshop on Geospatial Humanities, Seattle, November 6.
- 2018 Guest convener, *Reconstructing Historical Networks Digitally: New Approaches, Opportunities and Epistemological Implications of Social Network Analysis*, German Historical Institute, Washington, D.C., October 25-27.
- 2018 Scientific and local organizing committees, *Society for the History of Authorship, Reading and Publishing (SHARP) Annual Conference*, Sydney, July 10-12.
- 2017 Co-convener (with Dan Edelstein and Paula Findlen), *Bakerfest*, conference to honor Keith M. Baker, Stanford University, February 3-4.
- 2016 Co-convener, *George Rudé Seminar*, Western Sydney University, Parramatta, NSW, Australia, July 13-16.
- 2016 Coordinator, *1<sup>st</sup> Digitizing Enlightenment Symposium*, Western Sydney University, Parramatta, NSW, Australia, July 12-13.
- 2013 Coordinator, *Hoagland Workshop on Data Visualization in the Humanities*, Center for Spatial and Textual Analysis, Stanford University, Winter Quarter .
- 2011-12 Co-founder, *Stanford History Archival Workshop*, Stanford University.
- 2011 Coordinator, *Scripting Revolutions* conference, Stanford University, November 3–5.
- 2008-09 Coordinator, *French Culture Workshop*, Stanford Humanities Center.

## Teaching Experience

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### Graduate

- 2019 **Stanford University**, *Where Do Highways Come From?: The History of Infrastructure* (Winter, cross-listed with Communications, Urban Studies, and Science, Technology & Society) & *Spatial History* (Spring). (Shared undergraduate/graduate 200/300-level courses.)

### Undergraduate

- 2015-16 **Bates College, Lewiston, ME, Visiting Assistant Professor, Early Modern European History.** Developed and taught undergraduate courses such as seminars on environment and politics in rural France, the environmental history of European empires, and the history of mapping (18<sup>th</sup>-21<sup>st</sup> c.). *Innovations in Mapping: From Paper to Pixels* received funding from the Bates Harvard Center for Community Engagement to support field trips to local practitioners. This course counted towards the “Lab” science requirement at Bates, the first History course to do so. Course website: <https://course-wp.bates.edu/mappinginnovations/>. Story covering the course: <https://www.bates.edu/news/2016/05/20/here-be-bates-a-history-lab-puts-the-college-on-the-map/>. Three courses were cross-listed with Environmental Studies.
- 2014-15 **Stanford University, Stanford, CA, Lecturer in History and Philosophy of Science and Writing & Rhetoric.** Taught as part of a team in a year-long, residential History of Science program, *Science in the Making-Integrated Learning Environment* (SIMILE). Because of my joint appointment, I helped to coordinate lectures linked to discussion sections, field trips, and writing seminars. I designed the writing seminars to connect students with how people in the past explored and communicated about science, medicine, and technology.

- 2012 **Menlo College, Atherton, CA, Lecturer.** Developed new course on World History (*Deep History to 1500*) to first-year students through lens of World Heritage sites. In two sections of 27 students each, the focus was on transitioning to college-level humanities coursework.
- 2007-11 **Department of History, Stanford University, Teaching Fellow and Assistant.** Designed and taught new required methodology course for history majors (*Mobility in France and the Self: People, Products, and Ideas in Motion, 1700-2000*). Prepared and led discussion sections for undergraduates in *Global Human Geography*, *Machiavellian Moments, Europe 1500-1793*, and *Colonial and Revolutionary America*.

### Workshops

- 2018 **Stanford University,** Graduate Workshops on Archival Research (May 24, June 1) & *Why to use Databases in Humanities Research* (May 24).
- 2017 **Sydney Research Bazaar, Open Source Community Mapping Workshop,** University of Technology Sydney, July 5.

### Undergraduate Theses Advised

**Primary Advisor:** Logan Pettinato, “Rethinking the Unthinkable: An Analysis of the Haitian Revolution in Anglophone Historical Representations, 1792-1853,” (Bates College, Winter 2016) and Sarah Brooks, “Cannibalism in the Early Modern Travel Narrative as a Reflection on European Understandings of Themselves in the 16<sup>th</sup> century” (Bates College, Winter 2016).

**Committee Member:** Madeleine McCabe, “Private Union, Public Conflict: Life and Labor at Michelin in the Twentieth Century” (Bates College Honors thesis, 2016).

### Writing Tutoring

- 2012–13 **Hume Writing Center, Stanford University, Writing Consultant.** Provided individual tutoring for undergraduate and graduate students in humanities writing.

### Secondary Education and Study Abroad

- 2006, 2008 **Duke University, Talent Identification Program, Durham, NC and Paris, France, Instructor and Teaching Assistant.** Instructor (2008) and teaching assistant (2006) for three-week study abroad course in Paris for 22 secondary students. Re-designed the course to feature on-site learning in 2008.
- 2004–05 **Lycée Emile Zola, Rennes, France, English Teaching Assistant.** Independent instruction of French high school students.

### Service and Outreach

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#### Institutional Service (*Stanford University*)

Planning Committee for new Humanities Dorm, 2014-15.

Dean’s Task Force for Undergraduate Education in the Humanities, School of Humanities and Sciences, January–June 2014.

H-STEP Fellowship Coordinator (for humanities PhD recipients to earn an MA in secondary education), 2013–14. Featured as an innovative program in MLA Report on Doctoral Education, May 2014.

Humanities Liaison to Career Development Center, Undergraduate Admissions, and Vice Provosts for Graduate and Undergraduate Education, 2013–14.

Graduate Representative, Ph.D. admissions in Early Modern European History, 2009.

### **Professional Service and Public Outreach**

*Mapping Print, Charting Enlightenment* Social Media Coordinator, June 2016-present.

Radio Show Producer/Host, “Listening to History,” Bates College Radio WRBC, January-June 2016.

H-France Web and Social Media Editor, July 2013–present.

Panelist, “Living in the Material World: The Future of the Humanities,” Commonwealth Club of California, San Francisco, CA, October 14, 2013.

Museum Docent Training Materials Developer, Cantor Arts Center, Stanford University, 2013–14.

News Producer, KZSU-Stanford Radio, 2012–13.

HASTAC Scholar, 2012–13.

Contributing Translator, Richard White, *Le Middle Ground* (Paris: Anacharsis, 2009), 2008.

### **Training, Proficiencies, Affiliations**

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#### **Training**

2011, 2012, 2017	Digital Humanities Summer Institute (DHSI), Victoria, BC, Canada, <i>Digitization Fundamentals, Digital Humanities Databases, RDF and Linked Open Data</i>
2015	5-day Orientation to Teaching at a Liberal Arts College, Bates College, August
2014	5-day Pedagogical Training for Teaching Writing to Undergraduates, Program in Writing & Rhetoric, Stanford University, September
2013	THATCamp AHA (The Humanities and Technology unconference), New Orleans, LA, January
2011	THATCamp Bay Area, Mountain View, CA, October
2008	Undergraduate Methodology Course Development Workshops, Stanford History Department, Winter
2007	Approaches to Teaching History Workshops, Stanford History Department, Spring

#### **Technical Skills**

Mapping (ArcGIS/QGIS/OSM): experienced

Network analysis (Gephi) and data visualization (Tableau/d3): intermediate

Databases (MySQL): experienced

Programming (python/php/R): intermediate (for text mining, web scraping, API development, data analysis)

Web design/maintenance (HTML/CSS/Wordpress/Jekyll): experienced

Audio production (Audacity/Audition): experienced

#### **Languages**

French: near native

Italian: reading proficiency and basic speaking

German: reading proficiency and basic speaking

**Professional Affiliations**

American Historical Association, 2005–  
History of Science Society, 2011–  
Society for French Historical Studies, 2010–  
Western Society for French History, 2007–

*References available upon request*