

Lauren Tilton

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PROFILE

SUMMARY

I analyze, develop, and apply multimodal AI to the study of media, drawing on Computational and Digital Humanities, American Studies, Media Studies, Public Humanities, and Data Science. I am committed to interdisciplinary, collaborative, and open access scholarship, and my research takes multimodal forms including articles, books, data, exhibitions, public humanities projects, and software. I am the inaugural Director of the Center for Liberal Arts and AI (CLAAI), which works with 17 liberal arts colleges in the Associated Colleges of the South to build capacity for AI teaching and research. I served as President of the national and international DH scholarly associations, the Association for Computers and the Humanities (ACH) and the Alliance of Digital Humanities Organizations (ADHO). I have secured more than \$4 million in research grants.

EDUCATION

Ph.D., American Studies 2016, Yale University

M.Phil., American Studies 2013, Yale University

M.A., American Studies with a Concentration in Public Humanities, 2013, Yale University

B.A., American Studies, 2008, University of Virginia

APPOINTMENTS

Chair, Department of Rhetoric & Communication Studies, University of Richmond, 2026 – Present

Director, Center for Liberal Arts and AI (CLAAI), University of Richmond, 2025 – Present

Co-Director, Distant Viewing Lab, University of Richmond, 2018 – Present

E. Claiborne Robins Distinguished Chair in Liberal Arts and Professor of Digital Humanities 2023 – Present

Associate Professor of Digital Humanities, University of Richmond 2022 – 2023

Assistant Professor of Digital Humanities, University of Richmond 2017 – 2022

Visiting Assistant Professor of Digital Humanities, University of Richmond 2016 – 2017

RESEARCH & SCHOLARSHIP

EXTERNAL GRANTS

Schmidt Sciences. 2025. Bridging Large Scale Computational Analysis and Close Viewing of Film and TV. Collaboration across Bowdoin, UC–Berkeley, and University of Richmond. \$750,000. Co-Director with T. Arnold, D. Bamman, and A. Cooper.

The Andrew W. Mellon Foundation – Public Knowledge. 2025. Awarded to build and offer workshops for the Distant Viewing Explorer. Center for Liberal Arts and AI. \$1,000,000. Co-PI with T. Arnold.

National Endowment for the Humanities. 2025. Awarded to launch the Center for Liberal Arts and AI. \$1,000,000. Award #RAI-301501-25. (Rescinded by DOGE; reinstated 2026.) PI. [Award Details]

Virginia Humanities Rapid Grant. 2023. \$5,000. Co-led with M. Lazar.

The Andrew W. Mellon Foundation – Public Knowledge. 2022 – 2025. Awarded to develop the Distant Viewing Toolkit (DVT). \$485,000. Co-PI with T. Arnold.

National Endowment for the Humanities Level III Advancement Grant. 2022 – 2025. Awarded to develop PGViz. \$325,000. Award #HAA-284853-22. (Rescinded by DOGE; reinstated 2026.) Co-PI with T. Arnold. [Award Details]

Library of Congress Scholar-In-Residence. 2022. Awarded to apply computer vision to photography collections from the Library of Congress. \$72,000

National Endowment for the Humanities Digital Humanities Level II Advancement Grant. 2018 – 2022. Awarded to develop Distant Viewing Toolkit. \$100,000. Award #HAA-261239-18. Co-PI with T. Arnold. [Award Details] [Narrative]

Images as Data. 2020 – 2021. Awarded to apply computer vision to collections from Harvard Libraries and Museums. Joint grant with Harvard University Libraries. Part of Mellon-funded Collections as Data Initiative. \$50,000. Co-PI with T. Arnold and C. Chiodo.

NEH-Mellon Digital Publication Fellowship. 2019 – 2020. \$35,000

University of North Carolina Visiting Summer Research Fellowship. Wilson Library, University of North Carolina. 2018. \$1,500

American Council of Learned Societies (ACLS) Digital Extension Grant. 2016 – 2018. “Photogrammar: Seeing and Hearing America’s Documentary Record.” \$150,000. Co-PI with L. Wexler and T. Arnold.

National Endowment for the Humanities Digital Projects for the Public Discovery Grant. “Participatory Media.” 2015 – 2018. \$30,000. Award #MD-234145-16. Co-PI with G. E. Hale. [Award Details]

Yale Digital Humanities Seed Grant. Yale University. 2015.

Rockefeller Archive Center Grant-in-Aid. 2014.

National Endowment for the Humanities Digital Humanities Start-Up Grant. 2011 – 2015. \$50,000. Award #HD-51421-11. Co-Director. [Award Details]

CLIR Mellon Fellowship for Dissertation Research in Original Sources. Council on Library and Information Resources (CLIR). 2013 – 2014. \$30,000

BOOKS

US History in 15 Photographs: 1865 to the 21st Century.
R. Wingo and L. Tilton, eds. April 2026. Bloomsbury.

Humanities Data in R: Exploring Networks, Geospatial Data, Images, and Text.
T. Arnold and L. Tilton. Springer. 2nd edition Fall 2024. 1st edition 2015. humanitiesdata.org.

Debates in the Digital Humanities: Computational Humanities.
L. Tilton, D. Mimno, and J. M. Johnson, eds. University of Minnesota Press. Fall 2024. Open Access.

Distant Viewing: Computational Exploration of Digital Images.
T. Arnold and L. Tilton. The MIT Press. October 2023. Open Access.

Layered Lives: Rhetoric and Representation in the Southern Life History Project.
T. Arnold, C. Rivard, and L. Tilton. Stanford University Press. August 2022. Open Access.

SPECIAL ISSUES

Digital Humanities Quarterly. T. Arnold, J. van Gorp, S. Scagliola, and L. Tilton, eds. 2021. *Special Issue: AudioVisual Data in DH*. 15.1. Open Access.

American Quarterly. L. Tilton, A. Earhart, M. Delmont, S. Garfinkel, J. P. Karlberg, and A. David Nieves, eds. 2018. *Special Issue - Towards a Critically Engaged Digital Practice: American Studies and the Digital Humanities*. Access Online.

Collections: A Journal for Museum and Archives Professionals. B. M. Rogers and L. Tilton, eds. 2016. *Focus issue on “Collections in a Digital Age”*. 377–380. 12:04 (Fall 2016). Open Access Through UR Repository

PEER-REVIEWED ARTICLES & PROCEEDINGS

“Seeing Formalism or Formal Viewing: Computational Formalism for the Analysis of Visual Media Forms and Contexts.” L. Tilton and J. Wigard. *Journal of Cultural Analytics*. Vol 10, Issue 3, 2025. Open Access.

“Automated Image Color Mapping for a Historic Photographic Collection.” T. Arnold and L. Tilton. Proceedings of the Computational Humanities Research Conference. 2024. Open Access. Best Short Paper Award.

“Explainable Search and Discovery of Visual Cultural Heritage Collections with Multimodal Large Language Models.” T. Arnold and L. Tilton. Proceedings of the Computational Humanities Research Conference. 2024. Open Access.

“Access and Advocacy: Text & Data Mining and DMCA §1201.” Q. Dumbrowski and L. Tilton. *Digital Studies/Le Champ Numérique*. October 16, 2023. Open Access.

“AHR Roundtable: Artificial Intelligence and Its Implications for the Present and Future of Historical Research.” L. Tilton with J. Sternfield, M. Broussard, K. Crawford, M. L. Jones, and B. Schmidt. In R. D. Meadows and J. Sternfield (Eds). *American Historical Review*. Vol 128, Issue 3, September 23, 2023. Online.

“Understanding Peanuts and Schulzian Symmetry: Panel Detection, Caption Detection, and Gag Panels in 17,897 Comic Strips Through Distant Viewing.” T. Arnold, L. Tilton, and J. Wigard. *Journal of Cultural Analytics*. Vol 8, No 3, September 2023. Open Access.

“Automatic Identification and Classification of Portraits in a Corpus of Historical Photographs.” T. Arnold, L. Tilton, and J. Wigard. 2023. *Proceedings of the Computational Humanities Research Conference*. CEUR-WS, Aachen University. Open Access.

“Distant Viewing Toolkit: A Python Package for the Analysis of Visual Culture.” T. Arnold and L. Tilton. 2020. *Journal of Open Source Software*. Open Access.

“Visualizing a Large Spatiotemporal Collection of Historic Photography with a Generous Interface.” T. Arnold, N. Ayers, J. Madron, R. Nelson and L. Tilton. 2020. 2020 IEEE 5th Workshop on Visualization for the Digital Humanities (VIS4DH). Open Access.

“Enriching Historic Photography with Structured Data using Image Region Segmentation.” T. Arnold and L. Tilton. 2020. Proceedings of the First Artificial Intelligence for Historical Image Enrichment and Access (AI4HI). Open Access.

“Race and Place: Dialect and the Construction of Southern Identity in the FWP Slave Narratives.” L. Tilton. 2019. *Current Research in Digital History*. Open Access.

“Building Pedagogy into Project Development: Making Data Construction Visible in Digital Projects.” T. Arnold, C. Rivard, and L. Tilton. 2019. *Digital Humanities Quarterly*. Open Access.

“Visual Style in Two Network Era Sitcoms.” T. Arnold, A. Berke, and L. Tilton. July 2019. *Journal of Cultural Analytics*. Open Access.

“The Digital Public Humanities: Giving New Arguments and New Ways to Argue.” J. Cox and L. Tilton. 2019. *Review of Communication*. Access Online Through UR Repository.

“Beyond Lexical Frequencies: Using R for Text Analysis in the Digital Humanities.” T. Arnold, N. Ballier, P. Lissón, L. Tilton. 2019. *Language Resources and Evaluation*. Open Access.

“Distant Viewing: Analyzing Large Visual Corpora.” T. Arnold and L. Tilton. 2019. *Digital Scholarship in the Humanities*. Open Access.

“American Studies + Computational Humanities.” L. Tilton. 2018. *American Quarterly*. 2018 Special Issue. Access Online. Author Pre-Print.

“Cross-Discourse and Multilingual Exploration of Textual Corpora with the DualNeighbors Algorithm.” T. Arnold and L. Tilton. 2018. *Proceedings of the 2nd Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature (LaTeCH-CLfL 2018)*. Open Access.

“Participatory Archives.” G. Hale and L. Tilton. 2017. *Archive Journal*. Issue 7. Open Access.

“Knowledge creation through recommender systems.” T. Arnold, P. Leonard, and L. Tilton. 2017. *Digital Scholarship in the Humanities*. Special Issue Digital Humanities 2016. August 2017. ii151–ii157. Open Access.

“Basic Text Processing in R.” T. Arnold and L. Tilton. 2017. *Programming Historian*. (19 February 2017). Open Access.

“Uncovering Latent Metadata in the FSA-OWI Photographic Archive.” T. Arnold, S. Maples, L. Tilton and L. Wexler. 2017. *Digital Humanities Quarterly*. Vol 12, No 2. Open Access.

“Preservation First?: Re-Viewing Film Digitization.” L. Tilton. 2016. *Collections: A Journal for Museum and Archives Professionals* 12:04 (Fall 2016): Focus issue on “Collections in a Digital Age” guest edited by L. Tilton and Brent Rogers, edited by Juilee Decker. 391–399. Open Access Through UR Repository

BOOK CHAPTERS

- “Advocacy, Institutions, and Resistance: Reflections from the Association for Computers and the Humanities.” P. R. Lach, E. Grumbach, A. Janco, and L. Tilton. In: K. B. Josephs and L. Thomas (Eds). *Debates in the Digital Humanities 2028*. University of Minnesota Press. Forthcoming. Open Access.
- “More Than Words: Expanding the Multimodal Humanities.” R. Sutton Koeser, T. Arnold, L. Tilton, J. Wieringa, and L. Buchak. In: K. B. Josephs and L. Thomas (Eds). *Debates in the Digital Humanities 2028*. University of Minnesota Press. Forthcoming. Open Access.
- “Visual Data.” L. Tilton and J. Wigard. In: Pim Huijnen (Ed). *Big and Small Historical Data*. Forthcoming. Open Access.
- “Another Way of Viewing: Digital Humanities + Documentary.” L. Tilton. In: J. Glick and P. Aufderheide (Eds.). *Oxford Handbook of American Documentary*. Oxford University Press. Available here. 2025.
- “What’s in a Name? ‘Labs’ in the Digital Humanities.” T. Arnold and L. Tilton. 2021. In: A. McGrail, A. D. Nieves, and S. Senier. *People, Practice, Power: Digital Humanities Outside the Center*. University of Minnesota Press. Open Access.
- “Depth in Deep Learning: Layered, Knowledgeable, and Impenetrable.” T. Arnold and L. Tilton. 2021. Eds. Karen Redrobe and Jeff Scheible. *Deep Mediations*. University of Minnesota Press. Spring 2021. Edited volume received the 2022 Society for Cinema and Media Studies (SCMS) Award for Best Edited Collection.
- “Rethinking Resources in Our National Battlefields.” J. Madron and L. Tilton. 2019. Eds. Todd Lookingbill and Peter Smallwood. *Collateral Values: The Natural Capital Created by Landscapes of War*. Springer Press.
- “New Data, New Histories: The Role of Statistics in DH.” T. Arnold and L. Tilton. 2019. *Debates in Digital Humanities 2019*. University of Minnesota Press. Open Access.

INVITED PUBLICATIONS

- “Review: Black Lives, British Justice: Black People in London Criminal Justice Records, 1720–1841.” L. Tilton. *Reviews in Digital Humanities*. Forthcoming. Journal site.
- “Book Review: Shadow of the New Deal: The Victory of Public Broadcasting (University of Illinois Press).” *Journal of American History*. Volume 111, Issue 4, March 2025, Pages 827–828, doi.
- “Book Review: Computational Formalism by Amanda Wasielewski (The MIT Press).” *Critical AI*. Vol 2, Issue 1, 2024. Duke University Press. doi.
- “Analysing Audio/Visual (A/V) Data in the Digital Humanities.” T. Arnold and L. Tilton. 2023. In: J. O’Sullivan (Ed). *Bloomsbury Handbook to the Digital Humanities*. Bloomsbury. Access through UR Repository.
- “The Interdisciplinarity and Influence of Alan Trachtenberg.” J. Guiliano and L. Tilton. *U.S. Intellectual History Blog*. September 2020.
- “Digital Projects Review: Tropy.” L. Tilton. 2018. *Journal of American History*. June 2018.
- “Experimenting with the Digital Humanities to Remix Scholarship.” L. Tilton. *Process: A Blog for American History (Organization of American Historians)*. April 2018. Open Access
- “Organization of American Historians Theme Visualizer.” T. Arnold and L. Tilton. 2018. *Organization of American Historians*. March.
- “What Happened to Sit-In?: Digital Archival Erasure and Struggles for Open Access.” L. Tilton. 2017. *Field Guide: a media commons project*.
- “‘Come Let Us Build A New World Together’: The SNCC Digital Gateway.” L. Tilton. 2017. *Teaching with #DigHist*. American Historical Association. Open Access.
- “‘We’ve been lots of places.’: Mapping the New Deal.” L. Tilton. 2016. *SouthWritLarge*. Issue: Summer 2016. Open Access.

PUBLIC HUMANITIES, SOFTWARE & DATA

Museum Exhibition: Before the Prompt: A Generative History of AI. Joel and Lila Harnett Museum of Art. University of Richmond. January – April 2028.

Index of American Design Digital Prototype. For the National Gallery of Art (USA). In collaboration with Taylor Arnold, Keith Kurt, and Matthew Westerby. Fall 2025.

Digital Documerica. T. Arnold and L. Tilton, eds. 2025. Open Access.

Distant Viewing Explorer and Scripts. T. Arnold and L. Tilton. Launched 2025. Software to support access to computer vision and MLLM models for the analysis of film, TV, and visual culture. Open Access Software.

Real Photo Postcards. DH Workshop exploring real photo postcards as historical data. 2021. Open Access

Photogrammar. Director. Version 3.0 was released in Spring 2021 and version 4.0 in 2025 with T. Arnold, N. Ayers, J. Madron, and R. Nelson. For more information about the history of the digital, public humanities project, see About. Awarded the American Studies Association 2022 Garfinkel Prize. OA and Open Source.

Participatory Media. Toolkit for community-driven digital public humanities archives. 2015 – 2018. Open Access

WORKS IN PROGRESS

The Machine That Imagined: How Art Made Generative AI. L. Tilton. Book manuscript in progress.

Museum Exhibition: Before the Prompt: A Generative History of AI. Joel and Lila Harnett Museum of Art. University of Richmond. In preparation; opening January 2028.

“Every Shot, Zero-Shot: The Decoupling of Framing and Duration in Sound-Era Hollywood and Prestige Film.” T. Arnold and L. Tilton. Computational Humanities Research 2027. Under review.

“The Shortcom Is Not a Short Sitcom: Visual and Aural Pacing in French Television Comedy.” T. Arnold and L. Tilton. Computational Humanities Research 2027. Under review.

REVIEWS OF WORK

“Book Review: Humanities data in R: Exploring networks, geospatial data, images, and text (second edition),” Qidi Li, Jianwei Yan, *Digital Scholarship in the Humanities*, 2025. [Link]

“Book Review: Distant Viewing,” Nicole Braida, *European Network for Cinema and Media Studies*. Book Reviews, Spring 2024. June 26, 2024. [Link]

“Book Review: Distant Viewing: Computational Exploration of Digital Images,” Maibell Ong, *Convergence*, 30(5), 1851–1852. 2024. [Link]

“Book Review: Distant Viewing,” Emily Pugh, *The Art Bulletin*, 106(3): 2024. [Link]

“Book Review: Layered Lives,” Tara Mitchell Mielnik, *Journal of American History*, Volume 110, Issue 4, March 2024, Pages 824–825. [Link]

“Project Review: Photogrammar,” Carol Quirke, *Journal of American History*, Volume 109, Issue 3, December 2022, Pages 735–737. [Link]

“Review: Distant Viewing Toolkit,” Patrick Sui, *Reviews in Digital Humanities*, 2(4). 2021. [Link]

“Photogrammar – The American Archivist Reviews Portal,” Anna-Sophia Zingarelli-Sweet. *The American Archivist*. November 2017. [Link]

“Photogrammar: A New Look at New Deal Photography,” Jillian Russo, *American Quarterly*, 68(2), June 2016, 439–442. [Link]

“Book Review: Humanities Data in R,” Jose M. Pavía, *Journal of Statistical Software*, 69(2), 1–5. 2016. [Link]

AWARDS

Computational Humanities Research Best Short Paper Award. 2024. For “Automated Image Color Mapping for a Historic Photographic Collection” at CHR 2024.

Canadian Social Knowledge Institute (C-SKI) Open Scholarship Award Honorable Mention. 2024. For *Layered Lives: Rhetoric and Representation in the Southern Life History Project*.

American Studies Association’s Garfinkel Prize in Digital Humanities. 2022. For *Photogrammar.org*

Yale University Graduate School of Arts and Sciences Public Scholar Award. 2013.

HASTAC Scholar. 2013 – 2015.

MEDIA COVERAGE

“Students and AI: Attitudes, Concerns, and What Colleges Need to Know.” D. Wheeler. *The Chronicle of Higher Education, Chronicle Intelligence*. 2026. Quoted. [Link]

“How 5 Colleges Are Approaching AI.” J. Bay. *Inside Higher Ed*. April 3, 2026. Quoted. [Link]

“Integrating AI Across the Liberal Arts.” J. Bay. *Inside Higher Ed*. March 26, 2026. Quoted. [Link]

“Doppelgänger, le nouvel outil polémique pour trouver des sosies sur OnlyFans.” *Radio France, L’œil de Julie*. March 14, 2026. Quoted. [Link]

“Doppelgänger, le moteur de recherche qui vous propose des modèles OnlyFans ressemblant à votre crush.” F. Montcorbier. *Slate.fr*. February 23, 2026. Quoted. [Link]

“The Search Engine for OnlyFans Models Who Look Like Your Crush.” *Wired*. 2026. Quoted. [Link]

“Finding love in the age of AI this Valentine’s Day.” S. Molina. *WRIC ABC 8News*. February 12, 2026. Interviewed. [Article] [Video]

“Where did U.S. humanities grants go? To projects from a baseball film to AI research.” E. Blair. *NPR, Morning Edition*. April 10, 2025. Quoted. [Link]

“University of Richmond to advance ethical AI education, increase access.” R. Barnabi. *Augusta Free Press*. September 5, 2024. Quoted. [Link]

“How AI Can Make History.” *The Verge*. February 2024. Quoted. [Link]

“Historians On: AI in Teaching and Research.” *American Historical Review Podcast*. Recorded at the AHA Annual Meeting, San Francisco. January 2024. Guest. [Link]

“How AI is helping historians better understand our past.” M. Donovan. *MIT Technology Review*. April 11, 2023. Quoted. [Link]

“Episode 13: Lauren Tilton.” *Price Lab for Digital Humanities Podcast*, University of Pennsylvania. June 2, 2021. Guest. [Link]

“Dr. Lauren Tilton – Faculty Author Interview.” *Podcasts@Boatwright*, University of Richmond. Guest. [Link]

TALKS & PRESENTATIONS

KEYNOTE ADDRESSES

Korean Association for Digital Humanities (KADH) (Korea). November 28, 2026. Forthcoming.

“Le Distant Viewing à l’ère des LLM.” *Humanistica 2026*. Paris (France). May 2026.

“Seeing, Reading, and Hearing Images: Expanding Distant Viewing Through Multimodal AI.” Hong Kong Association for Digital Humanities Annual Conference (HKADH 2026). The Chinese University of Hong Kong (China). January 2026.

“AI and Conflict.” Constructions of Identity XII. University of Cluj-Napoca (Romania). October 2025.

“From Close Reading to Distant Viewing: Tools for Visual Analysis in the Digital Age.” The Fifth Annual Stéfan Sinclair–CRIHN Lecture (Montreal). Recording. September 2025.

“When to Press Play: A Keywords Approach to genAI.” PLAI Summit at W&L. September 2025.

“Distant Viewing.” New Technologies Research Academy. National University of Singapore (Singapore), May 2023. Video.

“Histories of the Future: AI and the Historical Field.” Wilmington University, November 2022.

“Viewing at Scale: DH and Image Analysis.” DH Fair 2022, UC–Berkeley, May 2022.

“States of the Field: Digital Humanities and Film Studies.” SIG Film & Video of the German associate organization of The European Association for Digital Humanities (Germany), March 2021.

“Visual Turn in DH.” Digital Scholarship on the Front Range Annual Conference, October 2019.

INVITED TALKS & WORKSHOPS

“Digital Humanities and Image Analysis.” AI Social Sciences Seminar, Computational Social Sciences team, CREST / Institut Polytechnique de Paris (France). November 25, 2026. Forthcoming.

Digital Humanities Talk. University of Virginia. October 29, 2026. Forthcoming.

“Before We Prompt: Organizing Our Digital Lives.” Workshop for faculty and staff, part of the Associated Colleges of the South (ACS) AI Workshop Series. Fall 2026.

“Index of American Design: Experiments in Distant Viewing.” Living New Deal Webinar Series. August 2026. [Link](#).

Panelist. NECS Workshop on AI and Moving Images / HERMES project (France). June 2026.

“Alternative Histories of GenAI.” *Créativités artificielles* colloquium, Université Côte d’Azur. Cannes (France). April 29, 2026.

“Distant Viewing and Multimodal AI.” University of British Columbia (Canada). March 2026.

“Distant Viewing and Visual Culture.” Lecture and Workshop. Ohio State University. March 2026.

“Perspectives on Digital Humanities.” Keio University (Japan). January 2026.

“How do we collaborate?” Schmidt Sciences HAVI Convening (France). September 2025.

“Viewing Images through AI.” Denbo Center for the Humanities and Arts Distinguished Lecture Series 2025 – 2026. University of Tennessee. October 2025. Recording.

“Distant Viewing: Sitcom Form and Function: Pacing and Production in Thirty U.S. Series.” CultureLab (France). September 2025.

“Engaging with the DV Toolkit.” British Library (England). September 2025.

“Access and Discovery of Documentary Images.” Encoding the Image: How does AI affect the Future of Photo History?. The Image Center (Canada). April 2025.

“Distant Viewing.” Encoding the Image: How does AI affect the Future of Photo History?. The Image Center (Canada). April 2025.

“Distant Viewing: AI, Archives, and Exploring the Past.” American Historical Association Symposium on The Future of Research in the Age of AI. Montana State University. March 2025.

“Computer Vision, Distant Viewing, and the Rise of MMLLMs.” University of Maine. February 2025.

“Distant Viewing.” Technische Universität Darmstadt (Germany), November 2024.

“Distant Viewing: AI and Ways of Seeing.” SCAI Seminar. Sorbonne (France). November 2024.

“Séminaire-atelier pictorIA: Vision distante.” Bibliothèque nationale de France – Mitterrand (France). September 2024.

“AI and Images.” DH Nord. Lille (France). November 2024.

“Distant Viewing: AI and Images.” Princeton University. October 2024.

“Distant Viewing Lab.” Smithsonian AI Group, May 2024.

“Digital History: Content, Form, and Practice.” Clemson University. April 2024.

“Distant Viewing with Museums.” New England Public Humanities. Yale. April 2024.

“AI and Rhetoric.” University of Waterloo (Canada), March 2024.

“TV at Cultural Heritage: Exploring Multimodal Approaches” and Distant Viewing Workshop. Reimagining Annotation for Multimodal Cultural Heritage, University Rennes 2 (France), February 2024.

“NISO Humanities Roundtable.” National Information Standards Organization, 2023.

“Distant Viewing Workshop.” New Technologies Research Academy. National University of Singapore (Singapore), May 2023.

“Viewing Photography.” Computational Formalism – Neukom Institute Workshop. Dartmouth, April 2023.

“Digital, Public Humanities.” Yale University, March 2023.

“Photogrammar + Layered Lives.” Johns Hopkins University, February 2023.

“Distant Viewing: Theory and Method.” CUDAN Open Lab Seminar (Estonia), February 2023.

“Seeing is Believing: Computational Analysis of Documentary Photography.” Emory University, January 2023.

“Photogrammar: Past and Present.” Yale University, October 2022.

“Photogrammar.org.” MIT, October 2022.

“Developing Public Humanities Projects.” Modern Languages Association, October 2022.

“University of Michigan Public Scholarship Series: Public and Community Engaged Work.” UMichigan and National Center for Institutional Diversity, October 2022.

“Distant Viewing + Toolkit.” Les Consortiums-HN Canevas (France), September 2022.

“Collections as Data: Perspectives from Visual Culture Studies.” Joint CLIR Digital Library Federation DDS–Research Libraries UK Digital Scholarship Network, March 2022.

“Real Photo Postcards and the Digital, Public Humanities.” The Smithsonian’s Postal Museum, March 2022.

“Photogrammar and the Digital, Public Humanities.” Cornell University, March 2022.

“Photogrammar.org: Past and Future.” Hamilton College, March 2022.

“Manifold for Peer Review.” Manifold Community, February 2022.

“Real Photo Postcards As Data.” Smithsonian Institution, December 2021.

“Collections As Data, Images as Data.” University of Wisconsin–Milwaukee, August 2021.

“Humanities Data in R Workshop.” University of Wisconsin–Milwaukee, August 2021.

“Open Up The Morgue!” Rijksmuseum (Netherlands), July 2021.

“The Possibilities of ‘R’ for Humanities, Within the Context of DH and Computational Humanities.” Lagos Summer School in DH (Nigeria), May 2021.

“Distant Viewing.” University of Pennsylvania, April 2021.

“The Ethics of Digital Image Analysis.” Northeastern University, February 2021.

“Images As Data.” Digital Humanities Forum Leipzig (Germany), February 2021.

“Distant Viewing.” University of Groningen (Netherlands), February 2021.

“Distant Viewing Toolkit: Software for Analyzing Digital Culture.” The Measurement of Images: Computational Approaches in the History and Theory of the Arts. MESH-Lille (France), November 2020.

“Images and DH.” New York University – Abu Dhabi (United Arab Emirates). October 2020.

“Distant Viewing Toolkit.” Informal Virtual Audio Visual Summit: Notes from the Field, Library of Congress, September 2020.

“Introduction to R Workshop.” University of Wisconsin–Milwaukee, July 2020.

“Distant Viewing: Analyzing Large Visual Corpora.” University of Luxembourg C2DH (Luxembourg), March 2020.

“Visual Cultures/Visual Data.” Collegium de Lyon (France), February 2020.

“Distant Viewing and TV.” University of Potsdam (Germany), December 2019.

“Distant Viewing and AudioVisual Data.” Utrecht University (Netherlands), November 2019.

“Digital Humanities: DH and Text Analysis.” Lumière University Lyon 2 (France), November 2019.

“A View from the Digital Humanities.” University of Colorado at Boulder, October 2019.

“State of the Field: Digital History.” Center for History and New Media Current Research in Digital History Workshop, March 2019.

“Towards a Visual Turn in (Digital) History.” The Fields Institute (Canada). March 2019.

“Digital History.” Virginia Tech, February 2019.

“Distant Viewing.” Ball State University, February 2019.

“Seeing the Nation: Digital Humanities, Documentary, and the Construction of Social History.” Ball State University, February 2019.

“Data Analysis and Documentary.” Rice University, January 2019.

“Workshop on History and Practice of Data Visualization.” American Historical Association, January 2019.

“Digital Public Humanities: Giving New Arguments and New Way to Argue.” Middlebury College, October 2018.

“Voice of a Nation.” University of North Carolina–Chapel Hill, August 2018.

“Network Analysis Workshop.” Workshop. Virginia Social Science Librarians Boot Camp, August 2018.

“Distant Viewing with Deep Learning: An Introduction to Analyzing Large Corpora of Images.” Workshop. Carnegie Mellon University, July 2018.

“Mapping in the Classroom.” Workshop. University of Miami, April 2018.

“Archival Collections, Digital Humanities, and The Possibilities.” University of Miami, April 2018.

“Doing Digital History.” George Mason University, October 2017.

“Recommender Systems.” Proquest, October 2017.

“The Photogrammar Project.” University of Paris Diderot (France), May 2017.

“Photography, Data Analysis, and Its Possibilities.” Ohio State University, March 2017.

“Photography, Data Analysis, and Its Possibilities.” Stanford University, March 2017.

“Digital Humanities, Data Analysis and Its Possibilities.” Washington & Lee, January 2017.

“Digital Toolkit.” Digital History Workshop. American Historical Association, January 2017.

“Participatory Media.” Hollins University, October 2016.

“What to Do with Messy Data: Four Case Studies.” American Statistical Association, July 2016.

“Computational Approaches to Visual Culture.” Rutgers University, April 2016.

“Mapping.” Rice University, March 2016.

“Image, Archive, Event: Tracking the Archive’s Odyssey.” Pitzer College, September 2015.

“Changing Lens: Seeing America Go To War.” National World War II Museum, May 2015.

“An Introduction to *Black Faces* (1971).” The Real Indies: A Close Look at Orphan Films. Academy of Motion Picture Arts & Sciences, November 2014.

“Virtual Vision: Digital Humanities Approaches to Researching Objects, History, and Collections.” Museum of Modern Art, December 2014.

“Photogrammar.” Smithsonian Archives of American Art, November 2013.

“Crossing Domains: Digital Collection Sharing Among Museums and Libraries.” International Center for Photography, April 2013.

CONFERENCES & PRESENTATIONS

“AI Analysis of Film and TV.” 2026 Schmidt Sciences HAVI Awardee Convening. London (UK). October 2026. Forthcoming.

Attendee. HAVI Symposium. Bowdoin College. September 18 – 19, 2026.

Panelist. “Building Critical AI Futures: The Role of DH Research Infrastructures.” The Digital Conference 2026. King’s College London (UK). June 23, 2026.

Organizer. “Special Interest Group: AVinDH Workshop.” Digital Humanities 2024. August 2024.

Organizer. “Special Interest Group: AVinDH Workshop.” Digital Humanities 2023. July 2023.

Presenter. “Legal Issues in Digital Humanities: Analysis of Recent Advocacy and Continuing and Emerging Issues.” Digital Humanities 2023. July 2023.

Presenter. “Access & Discovery of Documentary Images (ADDI): A Platform for the Exploration and Critique of Computer Vision Algorithms.” Digital Humanities 2023. July 2023.

Presenter. “Computing on Cultural Heritage: Reports from an LC Labs Experiment.” American Historical Association 2023. January 2023.

Presenter. “Layered Lives.” Digital Shorts. American Studies Association 2022. November 2022.

Presenter. “Rip It! New Developments in US Copyright Law to Enable Text and Data Mining.” DH Unbound 2022. May 2022.

Chair. “Extending Metadata for Interactive Media for Better Precision and Accessibility.” Association for Computers and the Humanities 2021. July 2021.

Participant. “Images as Data.” Learn@DLF / Digital Library Federation. November 2020.

Presenter. “Visualizing a Large Spatiotemporal Collection of Historic Photography with a Generous Interface.” IEEE Vis4DH. October 2020.

Presenter. “Artificial Intelligence and Its Implications for the Present and Future of Historical Research.” American Historical Association 2021. June 2020.

Chair and Panelist. “Analyzing Moving Images at Scale with the Distant Viewing Toolkit.” Digital Humanities 2019. July 2019.

Presenter. “Visual Style in Two Network Era Sitcoms.” Visual Semantics Conference (ENS Paris). June 2019.

Panelist. “Race and Place: Dialect and the Construction of Southern Identity in the Ex-Slave Narratives.” CHNM Current Research in Digital History. March 2019.

Chair and Panelist. "American Quarterly: American Studies, the Digital Humanities, and a Critically Engaged Digital Practice." American Studies Association, November 2018.

Paper. "Cross-Discourse and Multilingual Exploration of Textual Corpora with the DualNeighbors Algorithm." LaTeCH-CLfL / COLING. August 2018.

Poster. "Locating Place Names at Scale: Using NLP to Identify Geographical Information in Text." Digital Humanities 2018, July 2018.

Chair and Panelist. "Computer Vision in DH." Digital Humanities 2018, July 2018.

Workshop. "Distant Viewing with Deep Learning." Digital Humanities 2018, July 2018.

Panelist. "Digital History: Possibilities and Challenges." Organization of American Historians, April 2018.

Panelist. "Placing Digital Humanities in American Studies." European and British Association for American Studies, April 2018.

Panelist. "Emerging Research Paradigms via Digital Tools." Society for Cinema and Media Studies, March 2018.

Panelist. "Distant Viewing Toolkit." Association of Moving Image Archivist, November 2017.

Poster. "Participatory Media." Imagining America, October 2017.

Poster. "Distant Seeing." Digital Humanities 2017, August 2017.

Panelist. "Mapping 20th Century America." Digital Humanities 2017, August 2017.

Panelist. "Media Ecology Project." Society for Cinema and Media Studies, March 2017.

Panelist. "Historical Sources as Data: Opportunities and Challenges." American Historical Association, January 2017.

Organizer and Presenter. "Homing/Redefining Digital Humanities in the Academy from an American Studies Perspective." American Studies Association, November 2016.

Workshop Leader. "Introduction to Natural Language Processing." Digital Humanities 2016, July 2016.

Panelist. "Photogrammar." Poster. DH2016, July 2016.

Chair and Panelist. "Digital Resistance and the Archive." American Studies Association, October 2015.

Chair and Panelist. "Digital Humanities." New England American Studies Association Fall Colloquium, September 2015.

Working Group Convener. "Public History as Digital History and Public History." National Council on Public History, April 2015.

Panelist. "Marginalized in Person and on Film: Young Filmmakers Foundation and the Politics of Representation." Society for Cinema and Media Studies, March 2015.

Panelist. "Looking Past the Written Word: Digital Authorship and the Representation of Knowledge." American Historical Association, January 2015.

Panelist. "Reel Fun: Community Filmmaking in the 1960s and 1970s." American Studies Association, November 2014.

Panelist. "Photogrammar: Organizing Visual Culture through Geography, Text Mining and Spatial Humanities." Digital Humanities 2014, July 2014.

Panelist. "Digital Histories, Public Audiences." Co-sponsored by the OAH Committee on Public History. Organization of American Historians, April 2014.

Chair. "Digital Humanities: Digital Shorts: New Platforms of Knowledge and Decent." American Studies Association, November 2013.

Chair. "Photogrammar in Puerto Rico: Reading the FSA's 1930s Visual Archive with Twenty-first Century Visualization Tools." American Studies Association, November 2012.

Panelist. "Reinterpreting the Farm Security Administration–Office of War Information's Vision." New England American Studies Association, October 2012.

Panelist. "Seeing Local: Community Documentary Film and the War on Poverty." Policy History Conference, June 2012.

Panelist. "From Archive to Interdisciplinary Tool: Transforming Our Image of the FSA-OWI Photograph Collection." American Historical Association Annual Conference, January 2012.

Panelist. "Space, Place, and Image: Mapping FSA Photographs and the Photogrammar Project." Modern Language Association Annual Conference, January 2012.

Panelist. "Recreating World War II: Experiencing the National World War II Museum." New England American Studies Association, November 2011.

Panelist. "Farm Security Administration Photographs: The South, Not as a Problem but Constituent of National War Effort." Southern American Studies Association, February 2011.

Panelist. "Commodifying Poverty in 20th Century Southern Folk Music." Society for the Study of Southern Literature Conference, April 2010.

Panelist. "Service Learning and Beyond In New Orleans." National Symposium on Race and Society. November 2006.

Speaker. "Katrina Revisited." The Forum Series. University of Virginia Miller Center of Public Affairs. February 2006.

TEACHING

TEACHING (University of Richmond)

FYS 100 Documenting 1960s America

RHCS 105 Media, Culture & Identity

AMST 201 Introduction to American Studies

RHCS 245 Methods in Media Studies

RHCS 295, AMST 298, CLSC 398, IDST 299, WGSS 257 Intro to Digital Humanities (American Studies elective; Data Science and Statistics elective)

RHCS 345, AMST 398 Data & Society (Data Science and Statistics Minor)

RHCS 412, AMST 398 Digital Humanities Workshop

RHCS 490 Senior Capstone

RHCS 387 Independent Studies

RHCS 388 Internship Program

AMST 399 Independent Study

TEACHING (Digital Humanities Institutes)

European Summer University in Digital Humanities at Université Marie et Louis Pasteur (ESU). AI and Image Analysis. July 2025.

European Summer University in Digital Humanities at the University of Leipzig (ESU): Hands on Humanities Data Workshop – Creation, Discovery and Analysis. Summer 2017, 2018, 2019, 2021 & 2024.

New York University – Abu Dhabi (NYU-AD) Winter Institute in Digital Humanities (WIDH): Image Analysis. January 2020.

Humanities Intensive Learning and Teaching (HILT): Digital Methods for Interdisciplinary Cultural Studies, Summer 2018. Image Analysis with Deep Learning, Summer 2019.

Institute for Liberal Arts Digital Scholarship (ILiADS) Summer Institute. July 2015, July 2016.

SERVICE

DOCTORAL COMMITTEES

Reading Committee: Aron van de Pol (Leiden University), “The Measure of Visual Form in Colonial Korean Print.” 2026 – 2027.

Jury: Yuchen Yang (EPFL: École Polytechnique Fédérale de Lausanne), “Activating the Fluidity in Audiovisual Archives: Encoding and Decoding Meta-Happenings.” September 2025.

Pre-Defence and Jury: Tillmann Ohm (Tallinn University), “Designing Processes and Tools to Research Similarity Spaces of Visual Collections.” 2025.

Jury: Shiming Shen (Université Côte d’Azur), “De l’image au symbole: Comment une image survit-elle à l’ère numérique?” January 2025.

JOURNALS

Co-Editor-in-Chief. *Computational Humanities Research*. Cambridge University Press. Open Access.

Advisory Board Member. *Journal of Cultural Analytics*.

PROGRAM/SCIENTIFIC COMMITTEES

Board Member. *Schmidt Sciences HAVI Program*.

Scientific Committee / Conseil scientifique. Culture Lab: Computational Science of Culture.

Program Committee. Computational Humanities Research 2027, 2025, 2024, and 2023. Conference site.

Program Committee. CUDAN Cultural Data Analytics Conference 2023. Tallinn University. December 2023. Conference site.

Reimagining Annotation for Multimodal Cultural Heritage. Rennes 2 University and the MSHB / Maison des Sciences de l’Homme en Bretagne. February 2024. Conference site.

7th Workshop on Visualization for the Digital Humanities: IEEE VIS 2022. Provocations and Keynote Chairs. Conference site.

PictoriaAI Consortium Huma-Num. Scientific Committee / Conseil scientifique.

PROJECT ADVISORY BOARDS

Living New Deal. Digital Humanities Advisory Board.

Mapping the Gay Guides. Digital Humanities Advisory Board.

HistoryMakers. Digital Humanities Advisory Board.

The American Yawp. Digital Content Advisory Board. 2013 – 2020.

UNIVERSITY SERVICE

University Governance & Committees

University President's Advisory Group for AI (PAG-AI). 2025 – 2026.

Data Science / Data Analytics Committee – University Administrative Committee. 2020 – Present.

University Planning & Priorities Committee: Arts & Sciences At-Large Representative. 2023 – 2024; 2025 – Present.

Arts & Sciences Next Faculty Facilitator – RVA and AI Track. 2025 – 2026.

Information Sciences AI Advisory Group. Fall 2025.

Provost AI Committee. 2023 – 2024.

Arts & Sciences Budget Priorities and Resources Committee (BPRC). 2023 – 2024.

ERP-FRP Executive Committee for Workday – University Faculty Representative. 2022 – 2024.

Petitions Committee – University Faculty Senate Faculty Executive Committee. 2022 – 2024.

Co-Chair, Faculty Technology Committee – University Faculty Senate Faculty Executive Committee. 2020 – 2023.

IT Governance Steering Committee – Information Technology Governance. 2020 – 2023.

IS Co-Chairs Committee – Information Technology Governance. 2020 – 2023.

Arts & Sciences Next Faculty Facilitator – Data Analytics: Problems and Promise Track. 2020 – 2021.

Provost's Data Science Initiative. 2018 – 2019.

Faculty Senate IT Governance Subcommittee. 2018 – 2019.

Department & Program Leadership

Chair, Department of Rhetoric and Communication Studies. 2026 – Present.

Chair-Elect, Department of Rhetoric and Communication Studies. Spring 2025.

Data Science Program Board Member. 2025 – Present.

American Studies Program Coordinator. 2022 – 2023.

American Studies Program Board Member. 2021 – 2022; 2025 – 2026.

Interdisciplinary Studies Program Coordinator. 2023 – 2024.

College Fellows Program: Marsh Hall. 2020 – 2022.

DH Pedagogy Seminar Leader. 2018 – 2019.

RHCS Internship Coordinator. 2018 – 2019.

Organizer, Digital Humanities Faculty Learning Community (FLC). 2016 – 2018.

Co-Organizer, Provost Faculty Development Seminar Series. 2017 – 2018.

Search & Hiring Committees

Chair, Assistant Professor of Media Studies Faculty Search. Fall 2025.

Assistant Professor of Media Studies Search Committee. Fall 2024.

Provost Office – Computational Support Specialist Hiring Committee. 2023 – 2024.

Rhetoric and Communication Studies Robins Chair Search Committee (Media Studies). 2021 – 2023.

Library / Digital Scholarship Lab – Full Stack Library Solutions Engineer Search Committee. 2022 – 2023.

Library / DSL – Assistant Director Search Committee. 2022 – 2023.

RHCS Visiting Assistant Professor Search Committee (Media Studies). 2020 – 2021.

Computational Support Specialist Job Search. 2020 – 2021.

RHCS Visiting Assistant Professor Search Committee (Interpersonal). 2018 – 2019.

RHCS Faculty Search Committee. 2017 – 2018.

Center for Teaching, Learning and Technology (CTLT) Humanities Liaison Search Committee. 2017 – 2018.

Reports, Reviews & Initiatives

Author. *Digital Humanities at UR* Report. 2018 – 2019.

RHCS Program Review: Mission and Values Subcommittee, Survey Subcommittee. 2020 – 2021.

Report on the State of the Digital Humanities at UR (A&S Dean's Office). 2017 – 2018.

RHCS Faculty Career Profile Draft Committee. 2017 – 2018.

A&S Faculty Meeting Secretary. Fall 2018.

PROFESSIONAL SERVICE

Alliance of Digital Humanities Organizations (ADHO) *President-Elect* 2024 – 2025; *President* 2025 – 2026. ADHO is the leading international umbrella organization for digital humanities, coordinating a global network of constituent organizations and sponsoring the field's flagship annual Digital Humanities conference. As President, leads the Alliance's governance and strategic direction, representing digital humanities scholars and practitioners worldwide. Presented the ADHO President's Report and Governance Review Committee proposal at DH2026, Daejeon (Korea), July 2026. Link to come.

Association for Computers and the Humanities (ACH) *Executive Council Member*, 2018 – 2022; *Co-Vice President* 2022 – 2024; *Co-President* 2024 – 2026. ACH is one of ADHO's founding constituent organizations, supporting digital humanities research, teaching, and community building in North America through grants, mentorship, and its flagship publications. Helped guide the association's governance and strategic priorities across increasing levels of leadership responsibility, from the Executive Council through the Co-Presidency.

Alliance of Digital Humanities Organizations (ADHO) AVinDH SIG *Steering Committee*. 2025 – Present. *Lead Organizer*. 2020 – 2025.

American Historical Association (AHA) Roy Rosenzweig Prize for Innovation in Digital History Award *Committee Member*. 2018 – 2020.

Modern Language Association (MLA) Task Force on AI in Research and Teaching *Member*. 2025 – 2026. [Committee Page] [Framework]

American Historical Association (AHA) Ad Hoc Committee on Artificial Intelligence in History Research and Publications *Member*. 2025 – Present. [Committee Page]

Digital Humanities Annual International Conference *Reviewer*. Reviews annually submissions for the international Digital Humanities conference.

American Studies Association (ASA) Digital Humanities Caucus *Steering Committee*, 2018 – 2019. *Chair*, 2017 – 2018. *Vice Co-Chair*, 2015 – 2016.

Regional Digital Humanities Symposium *Co-Organizer*. Organized a two-day symposium between University of Maryland College Park, University of Richmond, University of Virginia, and Washington & Lee to discuss DH on our respective campuses and ways to collaborate. Co-founded the Chesapeake DH Consortium (CDHC).

New England Public Humanities Consortium *Co-Founder*. NEPH is a network of institutions of higher education dedicated to furthering public humanities.

New England American Studies Association *Regional Representative to the ASA for New England*, 2014 – 2016.

New England Public Humanities Symposium *Co-Organizer and Website Developer*. Organized a three-day symposium that facilitated the development of a consortium to grow and support public humanities across New England with eight peer institutions of higher education. Designed and developed the symposium website.

Peer Reviewer: *ACM Journal on Computing and Cultural Heritage*, *American Quarterly*, *Bulletin for Spanish and Portuguese Historical Studies*, *Debates in the Digital Humanities*, *Journal of Cultural Analytics*, *Multimodal Technologies and Interaction*, *PMLA*, Princeton University Press, *Programming Historian*, *VIEW Journal of European Television History and Culture*.

External Reviewer: Tenure and Promotion cases (4 total).

Host, Visiting Doctoral Researcher (Leipzig University), Distant Viewing Lab. March 2027. Forthcoming.