Jean Ann Bauer

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Education

Ph.D. History, University of Virginia. August 2015

M.A. History, University of Virginia. August 2005

A.B. History, University of Chicago with Honors in History and The College. June 2004

Digital Humanities Experience

Princeton University: Research Director, Center for Digital Humanities at Princeton, 2018 -

Set research direction for the center. Develop new projects, diffuse digital humanities methods through the Princeton curriculum, and promote the work of the CDH to national and international partners the academy and open source industry.

Princeton University: Associate Director, Center for Digital Humanities at Princeton, 2014 - 2018

Manage the center. Supervise programming staff and project managers. Develop new projects. Establish cyber and human infrastructure for Digital Humanities at Princeton in consultation with Faculty Director and campus partners.

Brown University: Digital Humanities Librarian, 2011 – 2014

Develop and manage digital humanities projects in collaboration with the Brown humanities faculty. Teach workshops on digital humanities methods and tools to the Brown community. Consult on methods and tools for digital humanities projects for faculty, staff, and students. Designed the new brand for the Brown University Library's Center for Digital Scholarship by spearheading the overhaul of CDS website, with supporting video and poster presentation. Point person for creating Data Curation resources for the Brown University Library. Streamlined dev-ops environment for student and library programmers. Subject liaison to English and American Studies Departments and managed their acquisitions budget for the library.

Secretary to Executive Steering Committee, centerNet, 2012 - 2015

Work with Co-Directors Kay Walter and Neil Fraistat in the successful transition of **centerNet** to formal dues-paying Constituent Organization of the Alliance of Digital Humanities Organizations. Co-authored membership guidelines and new organizational by-laws. Supported the transition of *DHCommons* to a peer-review overlay journal for mid-stage digital humanities projects. Coordinated membership drive with Oxford University Press. Reworked the graphic design and content of the **centerNet** website to reflect its new direction. Coordinate international meetings for the Executive Steering Committee. Write annual reports, keep record of meetings. Created the online presence for **centerNet** initiative, "Resources for Starting and Sustaining Digital Humanities Centers." Served as Chair of the first Nominating Committee for the International Executive Steering Committee.

Mary and David Harrison Institute for American History, Literature, and Culture: Graphic Designer for Albert H. Small Declaration of Independence Collection, Fall 2009
Designed a prototype digital exhibit of the Albert H. Small Declaration of Independence Collection at the University of Virginia using a Microsoft Surface installation. Design elements included unique, platform-specific elements including 360° metadata buttons and sidebars for describing content of digital surrogates.

Documents Compass: Design Researcher for People of the Founding Era, 2008-2009
Designed a database to catalog and analyze biographical and prosopographical information on all Americans born between 1713 and 1815, and their children and grandchildren. Co-wrote the grant proposal for Phase I (awarded $327,000 by the Andrew W. Mellon Foundation). Helped create XML tagging structure for source materials, tagged source materials in XML, and provided technical support and training to staff of Documents Compass.

Thomas Jefferson Foundation Library: Independent Consultant, Summer 2010

Performed assessment of Archival Management Software packages for use by the Thomas Jefferson Foundation Library. Researched best practices for archival management with digital tools. Worked with Library and Information Technology staff to determine user and technical requirements. Investigated four software packages and received quotes from vendors. Wrote final report recommending a system for use by the Foundation.

Dolley Madison Digital Edition: Database Designer, Summer 2007 and 2008

Designed and implemented a database to organize and analyze all the invitations sent or received by Dolley Madison during her widowhood years in Washington, D.C., and in the process, trace out the social network of the Washington elite in the 1830s and 1840s. Worked in consultation with the Rotunda division of the University of Virginia Press, the Virginia Center for Digital History, and Montpelier.

Papers of James Madison: Research Assistant, Summer 2006

Transcribed, translated, and edited consular documents written by the Spanish Minister Plenipotentiary to the United States and Spanish officials in Madrid and the Floridas. Decrypted dispatches written by John Armstrong, American Minister Plenipotentiary to France (original encryption sheets had been lost).

Archives of the New York Philharmonic: Metcalf Fellow, Summer 2002.

Planned and created bibliographical index of persons mentioned in the diary of Ureli Corelli Hill, founder of the New York Philharmonic. Edited unpublished mid-nineteenth century music manuscripts for performance by musicians of the New York Philharmonic.

Major Digital Humanities Projects

The Winthrop Family on the Page: Co-technical lead and Database Designer

CDH project in collaboration with Anthony Grafton, Professor of History, and Jennifer Rampling, Assistant Professor of History, at Princeton University. The project employs an extensive database of bibliographic information, biographical data, and marginal annotations to allow digital exploration of early modern lives and learned practices. Centering on the surviving library holdings of the storied Winthrop family, whose representatives included such prominent figures as John Winthrop, a founder and governor of the Massachusetts Bay colony, the final product will be a web platform affording a dynamic sense of how colonial readers interacted with texts and fellow readers.

Derrida's Margins: Co-technical lead and Database Designer

CDH project in collaboration with Katie Chenoweth, Assistant Professor in French at Italian at Princeton University. The project aims to create a website and online research tool for annotations from the Library of Jacques Derrida, housed at Princeton University Library. Jacques Derrida is one of the major figures of twentieth-century thought, and his library--which bears the traces of decades of close reading--represents a major intellectual archive. This phase focuses on annotations related to Derrida's landmark 1967 work De la grammatologie (Of Grammatology). It was in Of Grammatology that Derrida first articulated a new style of critical reading, which would become the foundation of the philosophy of "deconstruction."

Mapping Colonial Americas Publishing Project

Collaboration with James Egan, Professor of English at Brown University, to map the spatial and genre distribution of printing in the Americas before 1800 using the rare book catalog records of the John Hay and John Carter Brown Special Collections Libraries. The project is integrates Spanish, French, Dutch, and English colonial printing with American Indian texts from North and South America and provides a digital, visual portal of rare books held at Brown University.
http://www.cds.library.brown.edu/projects/mapping-genres/

The Early American Foreign Service Database

The EAFSD is an open access repository and analysis platform for the study of American diplomats, consuls, and special agents from 1775-1825. The EAFSD uses a custom built relational data structure to recreate the

social, commercial, and epistolary networks of the U.S. Foreign Service in the Age of Sail by connecting people, places, and organizations through the transfer of information by letters or permanent overseas assignments. The EAFSD allows historians to trace the early American governments' attempts to deploy and control their overseas representatives. The EAFSD includes an expanding set of visualization tools and its content is released under the Creative Commons Attribution-NonCommercial-ShareAlike License. **http://www.eafsd.org**

Project Quincy

Open source software package that runs the EAFSD, designed to trace historical networks through time and space. Built in Django, MySQL, and uses the D3.js javascript library for visualizations. Released under GNU Public License, Version 3. **http://projectquincy.org**

DAVILA

Open source relational database schema visualization and annotation tool to meet the specific needs of humanities researchers. Released under GNU Public License, Version 3. **http://www.jeanbauer.com/davila.html**

Digital Humanities Awards
HASTAC Scholar, 2010-2011

Finalist, Nebraska Digital Workshop, 2010

NINES Graduate Fellowship, 2009-2010

Digital Humanities Fellowship of the University of Virginia Library, 2008-2009

Research/Writing Awards
GSAS Dissertation Year Fellowship, University of Virginia, 2010-2011

Presidential Fellowship of the Graduate School of Arts and Sciences, University of Virginia, 2004-2008

The Anna M. and George N. Barnard Memorial Prize in American History, University of Chicago, 2004

Papers and Publications
Publications

"With Friends Like These: John Adams and the Comte de Vergennes on Franco-American Relations," *Diplomatic History* (2013) 37 (4):.664-692. doi:10.1093/dh/dht059

"Who you calling untheoretical?" *Journal of Digital Humanities* vol. 1:1, Roy Rosenzweig Center for History and New Media. http://journalofdigitalhumanities.org/1-1/who-you-calling-untheoretical-by-jean-bauer/

"Adams, John Quincy" Encyclopedia of U.S. Political History, Volume 2: The Early Republic, 1784-1840, Washington, DC: CQ Press, 2010.

"The Politics of (mis)Information: The Franco-American Intelligence Network, 1774-1776," in the 2007 Selected Papers of the Consortium on the Revolutionary Era.

Papers and Posters

"You want a Revolution, I want a Revelation: Early American History, Digital Humanities, and Archives." Keynote Address. Revolutionary Texts in a Digital Age: Thomas Paine's Publishing Networks, Past and Present. Institute for Thomas Paine Studies, Iona College. October 2018.

"Facebook for the Dead: Social Network Analysis with Historical Actors." Invited Talk. Pittsburg History Department Colloquium Series. January 2017

" Archeologies of Reading: Modeling and Recreating the Annotation Practices of Gabriel Harvey, John Dee, Jacques Derrida, and the Winthrop Family" at DH2017, McGill University, Montreal, Canada. August 2017. https://dh2017.adho.org/abstracts/583/583.pdf

"Seeing the Argument: Visualize your Database with DAVILA." Poster Presentation. DH2016, Jagiellonian University. Krakow, Poland. July 2016. http://dh2016.adho.org/abstracts/172

"If you give a historian code: Adventures in the Digital Humanities." Invited Talk. University College London. July 2016.

"Gatekeepers and Bottlenecks: The State Department and Jay's Treaty" at the Society for American Foreign Relations Annual Conference, University of San Diego. June 2016. Forthcoming in *Passport*.

"Art and Science in American Diplomacy: From Benjamin Franklin to John Quincy Adams." Invited Talk. Art and Science Society of Philadelphia. May 2016.

"This Just Got Meta: Bibliographic Description, Data Visualization, and Digital Humanities in Libraries." Invited talk. Colloquium on Scholarly Communication. American University. April 2016

"Inventing the Future of Digital Humanities." Invited Talk. Boston College. November 2015

"Computers and Stories," Invited Talk. Rhode Island College. October 2015

"Remembering the Ladies: Natalie Zemon Davis, Glikl bas Judah Leib, and the Diplomacy of Abigail Adams," Transformations in Global History, Princeton University. October 2015

"Multiple Pathways and Interesting Choices," Panel on Text Mining and Libraries, Harvard. May 2015

"Inventing the Future of Digital Humanities" Invited Talk. University of Pennsylvania. April 2015.

"Princeton Prosody Archive," Cultural Analytics Conference, University of Chicago. April 2015 (with Meredith Martin and Meagan Wilson)

"Bonds of Survival. Reconstructing the Social Networks of Holocaust Survivors," with Paris Papamichos-Chronikas. Memory, Media, and Technology: Trajectories of Schindler's List, University of Southern California Shoah Foundation. November 2014.

"Mapping Colonial Americas Printing Project," with James Egan, Poster at DH2014 in Lausanne, July 2014.

"Data Visualization in the Humanities," Invited Talk. NERCOMP Digital Humanities SIG, University of Massachusetts Amherst, June 2014.

"Historic Python," Invited Talk. Boston Python Users Group. January 2014

"Mapping Colonial Americas Printing Project," with James Egan. New Media in American Literary History, Northeastern University, December 2013

"Getting Started in Digital Humanities," Invited Talk with Elli Mylonas. University of Rhode Island Humanities Center, November 2013.

"Supporting Digital Humanities Research," Invited Talk. ACRL New England, Scholarly Communications SIG, Northeastern University. June 2013.

"*The Early American Foreign Service Database,*" Digital Humanities: The Next Generation. Simmons Graduate School of Library and Information Science, March 2013.

"Digital Humanities: Hammers and Nails," Invited Talk with Elli Mylonas. NERCOMP Digital Humanities SIG, University of Massachusetts Amherst, February 2013.

"The Landscape of Digital Humanities Librarianship," Panel Presentation. Digital Library Forum 2012.

"Republicans of Letters: Historical Social Networks and *The Early American Foreign Service Database*," Invited Talk, Brown University, Center for Digital Scholarship, January 2011.

"Do You See What I See?: Technical Documentation in Digital Humanities," Chicago Colloquium on Digital Humanities and Computer Science, Northwestern University, November 2010.

"Republicans of Letters," Nebraska Digital Workshop, University of Nebraska, October 2010.

"The Politics of (mis)Information: The Franco-American Intelligence Network, 1774-1776," Consortium on the Revolutionary Era, 1750-1850, James Madison University, March 2007.

Teaching Experience

Courses

Instructor, Spring 2019, Princeton University, FRS 154 Weird Data.

Database Design Cohort 2017-2018, Princeton University

Created and co-taught weekly seminar on Database Design for humanities scholars for graduate students who had received project grants from the CDH.

Social Network Analysis Mini-Course, 2016-2017, Princeton University.

Created and co-taught (with Claude Willan) weekly seminar on Social Network Analysis for graduate students working with CDH for 2016-2017.

Lab Coordinator, Fall 2013, Brown University, AMST 2661, Visualizations in the Humanities: From the Cabinet of Curiosities to the Geoparser.

Created and taught weekly hands-on 1-hour Data Visualization Lab that was designed to support graduate class on theory of visualization to prepare students to complete a digital humanities project by the end of the semester. (Faculty Instructors Steven Lubar, American Studies, and Massimo Riva, Italian Studies) **http://amst2661.wordpress.com/syllabus/**

Instructor, Spring 2010, University of Virginia, HIST 4501, From Vellum to Very Large Databases: Historical Sources Past, Present, and Future.

Created course focused on the changing nature of historical sources and the implications of these changes for the practice of academic history. **http://www.jeanbauer.com/vellum_to_vldb.html**

Teaching Assistant, 2005-2008 University of Virginia. Ancient Greece (twice); History of Rome; U.S. Military History; Nature and Technology in American History; and Espionage, Intelligence and Foreign Policy in the 20th Century.

Workshops

Network Analysis for Humanists, Digital Methods for Military History, Northeastern University, October 2014

Introduction to Data Cleaning, Digital Methods for Military History, Northeastern University, October 2014

Applications for the Digital Public Library of America in Advanced Research, DPLAfest. October 2013

Introduction to Digital Humanities, Faculty Workshop, Boston Area DH. August 2013

Network Analysis for Humanists, Boston Area Days of DH, Northeastern University, NULab. March 2013

You Won't Get Scooped: Academic and Professional Self-Publishing Online, Brown University. Spring 2013

Relational Database Design for Humanists, THATCamp New England, 2012. Brown University.

Database as Theory: THATCamp Theory, 2012. Rutgers University

Dissertation

"Republicans of Letters: The Early American Foreign Service as Information Network, 1775-1825"

The dissertation analyzes the early American diplomatic and consular corps as global epistolary networks and uses this insight to reassess early American state capacity in foreign relations. The research and analysis include *The Early American Foreign Service Database*, built on Project Quincy, to trace the epistolary networks and create visual arguments that allow the dissertation to complement biographical analysis and micro-history with study of the Foreign Service on the levels of social network, institutional structure, and global placement.

Advisers: Peter S. Onuf, Emeritus Thomas Jefferson Foundation Professor of History, and J.C.A. Stagg, Professor of History, Corcoran Department of History, University of Virginia.

Professional Service

Chair, 2014 Nominations Committee for International Executive Committee, **centerNet**

Arts-Humanities.net Transition Committee

Peer Reviewer for The National Endowment for the Humanities, Office of Digital Humanities

Program Committee, Boston Area Days of DH 2014

Languages/Skills

Languages: Fluent in Spanish, proficient in French.

Computer Languages: SQL, Python, Django, Ruby, Ruby on Rails, XML, HTML5, CSS3, Processing (visualization language)

Skills: Database Design, Web Design, Software Design and Development, Computational Information Design, Social Network Analysis, Photography, Graphic Design, DevOps, Web Master, Support-level knowledge of a wide range of off-the-shelf data cleaning and visualization tools as well as office suites and publishing tools on Macintosh, Windows, and Linux/Unix