J.R. Ladd

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Employment

Research Fellow, *Six Degrees of Francis Bacon*, Carnegie Mellon University, calendar year 2017

Education

PhD Candidate, Literature, Washington University in St. Louis, 2012-present

MA, English and American Literature, Georgetown University, 2012

BA, English, Mercyhurst University, 2009

Publications

"Reassembling the Bacon: Crowdsourcing Historical Social Networks in the Redesign of *Six Degrees of Francis Bacon*." Forthcoming in *Social Knowledge Creation in the Humanities Vol. 2*. New Technologies in Medieval and Renaissance Studies Series: Iter Press, 2019.

"Kynaston, Francis." Forthcoming in *The Chaucer Encyclopedia*. Wiley-Blackwell, after 2019.

Exploring and Analyzing Network Data with Python. Ladd, Otis, Warren, and Weingart. *The Programming Historian*, 2017.

"Review of *Theatre, Community, and Civic Engagement in Jacobean London* by Mark Bayer." *The Shakespeare Newsletter*, Fall/Winter 2013.

Presentations

"Hidden Authorial Labor in the Early Modern Social Network." Invited Talk, Issues in Digital Humanities Speaker Series. *Washington University*. November 2017. See slides.

"Tracking Print Culture with Named-Entity Recognition." PyLing Python Linguistics Group. *University of Pittsburgh*. October 2017.

"Dedication Networks and Political Crisis: Print Collaboration in the English Revolution." DH Faculty Research Group. *Carnegie Mellon University*. September 2017.

"Personified Maps and Social Networks in *Poly-Olbion*." *Renaissance Society of America*. April 2017.

"University Politics: Locke, Dryden, and the Social Networks of Academic Miscellanies." English Dept. Graduate Conference. Washington University, April 2016.

"Making Enemies: Dryden, Rochester, and Collaborative Rivalry." English Dept. Graduate Colloquium. Washington University, April 2015.

"Between To and From: Network Discovery in EEBO Dedications." Digital Humanities Computer Science Conference. Northwestern University, October 2014.

" 'Along the Shoares of Siluer Streaming Themmes': Spenser's Revisions of Chorography." Spenser Project Reunion Symposium. Washington University, February 2014.

"Author-Network: City Plays, Dramatic Authorship, and Other Early Modern Assemblages." (MA Thesis) English Graduate Student Colloquium. Georgetown University, May 2012.

"Concentric Spheres: Networked London and Collaborative Authorship in Three City Plays." English Graduate Student Colloquium. Georgetown University, May 2011.

"Text Appeal: Discursive Properties of Text in Old and New Media." Chesapeake Area American Studies Association Conference. George Mason University, April 2011.

"There's an App for That: Modernity at Large and in Your Pocket." Borderlines: Graduate English Organization Conference, March 2011.

Digital Projects

Six Degrees of Francis Bacon. As research fellow (a postdoctoral position awarded to me before completion of my PhD), I led the redesign efforts for the new *Six Degrees* web application. Calendar year 2017.

Network Navigator. Web-based tool for network analysis, focusing on quantitative network metrics. Hosted by Carnegie Mellon University. Spring 2018. source code

Dedication Networks in EEBO-TCP Texts (in-progress). Includes the EEBO Name Finder, a Flask application for finding and recording proper names in EEBO-TCP dedications. Fall 2014-Present.

Early Modern Digital Agendas Network. Created a network visualization of the three EMDA seminars at the Folger Shakespeare Library for Ruth Ahnert's blog post recap. Summer 2017.

University Miscellany Network. Bipartite graph representing participants in university collections during the 1650s and 1660s. Spring 2016.

Detecting meter in early modern verse (in-progress). Using digital scansion tools, especially the CMU Pronouncing Dictionary, to identify poetic meter. Spring 2015-present.

Endless Monument. A deformance exercise for the Spenser Project that uses Python and Twitter's API to tweet lines of Spenser's *Epithalamion* using the poem's own time-scheme. Summer 2014.

Marvel Network. A demonstration of NetworkX and D3 Force-Directed graphs for digital humanities applications, using sample data from Marvel comics. Summer 2016. source code

Spenser's Color Wheel. Data visualization and deformance project exploring Spenser's use of color terms in *The Faerie Queene.* Allows users to rearrange Spenser's color lines into unique poems. Summer 2016. source code

Fellowships and Assistantships

Early Modern Digital Agendas Participant. Folger Shakespeare Library, Summer 2017.

Spenser Project Graduate Assistantship. Washington University, Spring 2015-Present.

Humanities Digital Workshop Summer Fellowship. Washington University, Summers of 2013-16.

Research assistantships with Steven Zwicker (Fall 2013-14), Daniel Shore (Fall 2012), and Lena Orlin (Summer 2011).

Thresholds of Writing Teaching Fellowship. Georgetown University, 2011-12.

Fellow at Center for New Designs in Learning and Scholarship. Georgetown University, 2010-11.

Teaching

Co-Teaching:

E. Lit. 395C Shakespeare, with Anupam Basu. Washington University, Spring 2017.

E. Lit. 498W The Spenser Lab, with Joseph Loewenstein. Washington University, Fall 2016.

Instructor: Writing I. Washington University, Fall 2014.

Guest Teaching and Workshops on network analysis, book history, web scraping, computational thinking, and unsupervised clustering. Carnegie Mellon University and Washington University.

Teaching Assistant:

E. Lit. 461 Imagining Tyrannicide, Remembering Regicide. Steven Zwicker and Derek Hirst. Washington University, Spring 2016.

E. Lit. 395C Shakespeare. Joseph Loewenstein. Washington University, Spring 2015.

ENGL 041-01 Gateway: Turn-of-the-Century Fictions. Maggie Debelius. Georgetown University, Spring 2011.

Service

Co-Founder, Digital Approaches Reading Group (Fall 2015-Present)

Convener, English Dept. Graduate Advisory Panel (2015-16)

English Dept. Peer Mentor (Spring 2015)

Convener, Early Modern Reading Group (Fall 2014)

Editor, *Predicate*: Georgetown University English Studies Journal (2011-12)

Technical Skills

Python, programming language, experience with natural language processing

JavaScript (include node.js and AngularJS), programming language

D3.js, JavaScript visualization library

TEI and XML markup, text encoding

Building and maintaining websites using raw HTML and CSS, as well as static-site generators (Jekyll) and content management systems (Wordpress, Drupal)

Database management, MySQL and SQLite

Web application development, with Flask and Django

Experience with Gephi, Excel, OpenRefine

Languages

Latin and Greek, reading knowledge