

## MATTHEW L. JOCKERS

Department of English

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### ACADEMIC APPOINTMENTS

- 2018 - Professor, Department of English, University of Nebraska, Lincoln, NE.
- 2017 - Affiliate Faculty, Center for Brain Biology and Behavior, University of Nebraska, Lincoln, NE.
- 2016 - Associate Dean for Research and Partnerships, College of Arts & Sciences, University of Nebraska, Lincoln, NE.
- 2014 - Associate Professor, Department of English, University of Nebraska, Lincoln, NE.
- 2012 - 2014 Assistant Professor, Department of English, University of Nebraska, Lincoln, NE.
- 2009 - 2012 Lecturer, Department of English, Stanford University, Stanford, CA.
- 2002 - 2009 Consulting Assistant Professor, Department of English, Stanford University, Stanford, CA.
- 2001 - 2012 Academic Technology Specialist, Department of English, Stanford University, Stanford, CA (Program Manager from 2003 - 2012).
- 1997 - 2001 Coordinator of Curriculum, Instruction, and Technology, University of Northern Colorado, Center for Human Enrichment, Greeley, CO.

### INDUSTRY AND NON-PROFIT APPOINTMENTS

- 2017 - Co-founder, Archer Jockers, LLC. [www.archerjockers.com](http://www.archerjockers.com)
- 2014 - 2015 Principal Research Scientist and Software Development Engineer. Apple Computer Inc. Cupertino, CA.
- 2009 - 2014 Director of Research, Novel Projects / Booklamp
- 2004 - 2009 Executive Director (Co-Founder), Western Institute of Irish Studies. 501(c) 3.

### EDUCATION

- 1997 Ph.D. English, Southern Illinois University, Carbondale.
- 1993 MA. English, University of Northern Colorado, Greeley.
- 1989 BA. English, Montana State University, Bozeman.

### AWARDS, FELLOWSHIPS, AND DISTINCTIONS

- 2017 Breakthrough Innovation of the Year. University of Nebraska (see <https://mediahub.unl.edu/media/8705>)
- 2017 - Academic Leadership Program Fellow, Big Ten Academic Alliance.
- 2014 Susan J. Rosowski Professorship, University of Nebraska
- 2014 - Faculty Fellow, Center for Great Plains Studies, University of Nebraska
- 2013 Irish Education 100 honoree (see <http://www.irisheducation100.com>)

- 2012 - Faculty Fellow, Center for Digital Research in the Humanities, University of Nebraska, Lincoln, NE.
- 2006 - 2007 Research Scholar in Digital Humanities, Stanford Humanities Center, Stanford, CA.
- 2000 Recognized for Outstanding Teaching, Faculty Recognition Banquet, University of Northern Colorado.
- 1995 Phi Kappa Phi Honor Society, Southern Illinois University.
- 1993 Graduate Dean's Citation for Excellence, University of Northern Colorado.
- 1992 Mae Cross Scholarship, University of Northern Colorado.
- 1992 Sigma Tau Delta English Honor Society, University of Northern Colorado.
- 1991 - 1992 Graduate School Academic Fellowship, University of Northern Colorado.

## BOOKS

- 2016 Archer, Jodie and Jockers, Matthew L. *The Bestseller Code: Anatomy of the Blockbuster Novel*. St. Martins Press. 2016 / Penguin Press, UK, 2016. [Translations in Chinese, Czech, German, Italian, Japanese, Portuguese, and Russian]
- 2014 Jockers, Matthew L. *Text Analysis with R for Students of Literature*. Springer. [Chinese edition with new preface, translated by Wang Shunyu, Shanghai Foreign Language Education Press, 2017. Spanish translation in progress.]
- 2014 Driscoll, Charles. *East and West of Wichita*. Edited with Critical Introduction, Matthew L. Jockers. Wichita, Kansas: Rowfant Press.
- 2013 Jockers, Matthew L. *Macroanalysis: Digital Methods and Literary History*. University of Illinois Press. [Chinese edition forthcoming from Beijing Yanziyue Culture & Art Studio]
- 2011 Driscoll, Charles. *Kansas Irish*. Edited with Critical Introduction, Matthew L. Jockers, 1944, Wichita, Kansas: Rowfant Press.

## SOFTWARE DISCLOSURES

- 2017 Jockers Matthew L. *A Novel Classifier (the "Bestsellerometer")*. University of Nebraska.
- 2015 Jockers Matthew L. *Syuzhet: Extract Sentiment and Plot Arcs from Text*. Comprehensive R Achieve Network (CRAN). <https://cran.r-project.org/web/packages/syuzhet/>

## ARTICLES

- 2018 Jockers, Matthew L. Joe Cowman, Alex Eitzman, Catherine Kruegar, Fernando Nascimento and George H. Taylor. "Judging Style: the Case of Bush v. Gore." [Under Review].
- 2018 Ben Lamberta, Georgios Kontonatsiosb, Matthias Mauchc, Theodore Kokkorisd, Matthew Jockers, Sophia Ananiadoub, and Armand M. Leroi. "The Evolution of Modern Culture." [Under Review]

- 2018 Gabi Kirilloff, Peter J. Capuano, Julius Fredrick, and Matthew L. Jockers. "From a distance 'you might mistake her for a man': A Closer Reading of Gender and Character Action in *Jane Eyre*, *The Law and the Lady*, and *A Brilliant Woman*." [Forthcoming in *Digital Scholarship in the Humanities*]
- 2018 George H. Taylor, Matthew L. Jockers, and Fernando Nascimento. "No Reasonable Person." In *Justice Scalia: Rhetoric and the Rule of Law*. Edited by Brian Slocum and Francis J. Mootz III. University of Chicago Press, 2018. [Accepted and Forthcoming].
- 2016 Jockers, Matthew L. and Gabi Kirilloff. "Understanding Gender and Character Agency in the 19th Century Novel." *Cultural Analytics: December 1, 2016*.
- 2016 Jockers, Matthew L. "The Ancient World in 19<sup>th</sup>-Century Fiction; or, Correlating Theme, Geography, and Sentiment in the 19<sup>th</sup> Century Literary Imagination." *Digital Humanities Quarterly*: 10.2, 2016.
- 2016 Jockers, Matthew L. and Ted Underwood. "Text-Mining the Humanities." *New Companion to the Digital Humanities*. Eds. Susan Schreibman, Ray Siemens, and John Unsworth. Wiley-Blackwell Press. 2016
- 2016 Jianbo Gao and Matthew L. Jockers and John Laudun and Timothy Tangherlini. "A multiscale theory for the dynamical evolution of sentiment in novels." In Proceedings of the 2016 International Conference on Behavioral, Economic and Socio-cultural Computing (BESC). *Institute of Electrical and Electronics Engineers (IEEE)*.
- 2015 Jockers, Matthew L. "Computing Ireland's Place in the 19<sup>th</sup> Century Novel: A Macroanalysis." *Breac: A Digital Journal of Irish Studies*. October 2015.
- 2013 Jockers, Matthew L. and David Mimno. "Significant Themes in 19th-Century Literature." *Poetics*. December 2013, 750 - 769.
- 2013 Jockers, Matthew L. "Testing Authorship in the Personal Writings of Joseph Smith Using NSC Classification." *Literary and Linguistic Computing*. 28.3, 2013, 371-381.
- 2012 Jockers, Matthew L., Matthew Sag and Jason Schultz. "Digital archives: don't let copyright block data mining." *Nature*. V. 490, October 4, 2012, 29-30.
- 2012 Allison, Sarah, Ryan Heuser, Matthew L. Jockers, Franco Moretti, Michael Witmore. "Quantitative Formalism: An Experiment." *N+I*, No. 13, Winter, 2012, 81-108.
- 2010 Jockers, Matthew L. and Daniela M. Witten. "A Comparative Study of Machine Learning Methods for Authorship Attribution." *Literary and Linguistic Computing*, 25.2, 2010, 215-224. (**#1 most cited article in the journal as of 12/1/17.**)
- 2009 Jockers, Matthew L., "West of Éire: Butte's Irish Ethos." In *All Our Stories Are Here: Critical Perspectives on Montana Literature*. Ed. Brady Harrison. University of Nebraska Press, 2009, 37-51.
- 2008 Jockers, Matthew L., Daniela M. Witten, and Craig S. Criddle. "Reassessing Authorship of the *Book of Mormon* Using Delta and Nearest Shrunken Centroid Classification." *Literary and Linguistic Computing*, 23.4, 2008 465 - 492. (**5th most cited article in the journal as of 12/1/17.**)
- 2005 "A Literature of Good Fortune." In *The Irish in the San Francisco Bay Area: Essays on Good Fortune*. Eds. Don Jordan and Timothy O'Keefe. San Francisco: Irish Literary and Historical Society, 2005, 8 - 27.

- 2004 "A Window Facing West: Charles Driscoll's *Kansas Irish*." *New Hibernia Review*. 8:3, 2004, 100 - 112.
- 1996 "Another 'Word Known to All Men' in Joyce's *Ulysses*." *Notes on Modern Irish Literature*. 8, 1996, 38 - 40.
- 1992 Jockers, Matthew L. and Craig Smith. "James Joyce's *Ulysses*." *The Explicator*. 50.4, 1992, 235 - 237.
- 1992 Jockers, Matthew L. "Fish Story." *Colorado North Review*. 33.1 & 33.2, 1992, 340 - 346.

## LEGAL BRIEFS

- 2014 Jockers, Matthew L., Matthew Sag, and Jason Schultz. "Brief of Digital Humanities and Law Scholars as Amici Curiae in Support of Defendant-Appellees and Affirmance, (The Authors Guild, Inc., et al., v. Google, Inc., et al.) (Second Circuit)." July 10, 2014.
- 2013 Jockers, Matthew L., Matthew Sag, and Jason Schultz. "Brief of Digital Humanities and Law Scholars as Amici Curiae in Authors Guild v. Hathitrust." June 4, 2013. [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2274832](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2274832)
- 2012 Jockers, Matthew L., Matthew Sag, and Jason Schultz. "Brief of Digital Humanities and Law Scholars as Amici Curiae in Authors Guild v. Google." July 28, 2012. [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2102542](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2102542).

## GRANTS

- 2017 Primary Investigator: "Individual Differences in Sentence Level Emotion Processing." Social and Behavioral Sciences Research Consortium. University of Nebraska. (\$5000.)
- 2017 Primary Investigator: "Individual Differences in Sentence Level Emotion Processing." Center for Brain, Biology and Behavior. University of Nebraska. (\$6000.)
- 2014 - 2019 Co-Investigator. "NovelTM: Text Mining the Novel." Partnership Grant from the Social Sciences and Humanities Research Council of Canada. Project PI: Andrew Piper, McGill University. (Total Award: \$1,800,000 CAD. UNL Award: \$120,000 CAD.)
- 2012 - 2013 Primary Investigator: "Unfolding the Novel." Data Transfer Grant from Booklamp.org (Corpus of ~50,000 books.)
- 2010 - 2012 Co-Investigator and Project Manager: "Software Environment for the Advancement of Scholarly Research" (SEASR). Andrew W. Mellon Foundation. Project PI: Mike Keller, Stanford University. (\$790,000.)
- 2010 Co-Investigator with Franco Moretti. "Startup Grant." Stanford Institute for Creativity and the Arts (SICA) (\$5,000.)
- 2010 Co-Investigator with Franco Moretti. "Startup Grant." Stanford Presidential Fund for Innovation in the Humanities (\$20,000.)
- 2004 Primary Investigator: "Western Institute for Irish Studies." Cultural Division of the Department of Foreign Affairs of the Government of Ireland. (\$25,000.)

2003 - 2005 Primary Investigator: "The Irish American West: A Hypertext Corpus of Texts and Research." Stanford Humanities Laboratory. (\$30,000 over 3 years.)

## INVITED LECTURES

- 2017 "Novel Analytics and the Bestseller Code." University of Heidelberg. Heidelberg, Germany. September 25, 2017.
- 2017 "Novel Analytics from James Joyce to the Bestseller Code." Osher Lifelong Learning Institute. Lincoln, NE. September 12, 2017
- 2017 "Perspectives on Digital Humanities." Texas Christian University. Fort Worth, TX. September 8, 2017.
- 2017 "Novel Analytics and the Bestseller Code." Creative Writing Workshop. Federal Prison Camp, Yankton SD. July 11, 2017.
- 2017 "Novel Analytics and the Bestseller Code." DOX Centre for Contemporary Art, Prague, Czech Republic. May 11, 2017.
- 2017 "Novel Analytics from James Joyce to the Bestseller Code." First annual Tagore Lecture. University College, London. London, United Kingdom. May 10, 2017.
- 2017 "Novel Analytics and the Bestseller Code." University of Virginia. Keynote lecture for the Transdisciplinary Conference on Data Science and Digital Humanities. Charlottesville, VA. April 7, 2017.
- 2017 "Novel Analytics and the Bestseller Code." Vanderbilt University. Nashville, TN. April 5, 2017.
- 2017 "Novel Analytics and the Bestseller Code." Wesleyan University. Middletown, CT. March 2, 2017.
- 2017 "Text Mining." metaLAB Knowledge Design Seminar on "What should or could (scholarly) knowledge look like in the 21st century." Harvard University, Boston, MA. March 2, 2017.
- 2016 "Sentiment Analysis as Proxy for Plot." Institute for Pure and Applied Mathematics (IPAM). UCLA. May 23, 2016
- 2016 "From Simple Shapes to Perfect Curves." Cornell University, April 15, 2016.
- 2016 "From Simple Shapes to Perfect Curves." Northern Illinois University, April 1, 2016. (Keynote Lecture.)
- 2015 "A Computational Morphology of Plot." University of Colorado. October 19, 2015
- 2015 "The (not so) Simple Shape of Stories." Fourth Workshop on Computational Linguistics and Literature. Denver, CO June 4, 2015. (Keynote Lecture.)
- 2015 "A Computational Morphology of Plot." Chicago Workshop on Computational Literary Criticism. University of Chicago. Chicago, IL. May 22 - 23, 2015.
- 2015 "Latent Plot Analysis in R with *Syuzhet*" Russian Formalism and Digital Humanities Conference. Stanford University, Stanford, CA. April 13, 2015.
- 2015 "The (not so) Simple Shape of Stories." Harvard University. Boston, MA. April 2 - 3, 2015.
- 2015 "A Computational Morphology of Plot." University of Pennsylvania. Philadelphia, PA. March 18, 2015.
- 2015 "A Novel Method for Mapping Plot." Temple University. Philadelphia, PA. March 17, 2015.

- 2014 “Literary Influence.” Center for Historical Enquiry and the Social Sciences. Yale University. New Haven, CT. December 5, 2014.
- 2014 “50,000 Books but only Six Stories: A Macroanalysis of Plot.” Libra Professorship in Digital Studies Lecture. University of Southern Maine. April 16, 2014.
- 2014 “Computing the Shape of Stories: A Macroanalysis.” Institute for Quantitative Theory and Methods. Emory University. Atlanta, GA. April 14-15, 2014.
- 2014 “Big Data and the Humanities.” Chalmers Initiative Seminar on Big Data. University of Gothenburg, Gothenburg, Sweden. March 25-28, 2014.
- 2014 “Representations of Place in 3500 Novels.” University of Gothenburg, Gothenburg, Sweden. March 25-28, 2014.
- 2014 “Tracking Valence and Plot in 50,000 Narratives: A Macroanalysis.” Center for Language Technology. University of Gothenburg, Gothenburg, Sweden. March 25-28, 2014.
- 2014 “Tracking Valence and Plot in 50,000 Narratives: A Macroanalysis.” Michigan State University, East Lansing, MI. February 19-21, 2014.
- 2013 “So What is the Shape of the Story?” Stanford University. November 11, 2013.
- 2013 “Big Text and Critical Issues of Copyright.” Critical Issues in Higher Education Conference. New York, October 29-30, 2013.
- 2013 “Data-Driven Criticism: A (Literary) Lab Report.” Iowa State University’s “Signature Themes” series on Data-Rich Environments. Ames IA, October 11, 2013. (Keynote Lecture.)
- 2013 “Other Irelands: A Macroanalysis.” American Conference for Irish Studies, Midwest Regional Meeting. Iowa City, IA. October 12, 2013. (Keynote Lecture.)
- 2013 “Mining the 19-Century Novel: A (Literary) Lab Report.” University of Missouri-Kansas City. September 11, 2013.
- 2013 “Around the World in 3500 Novels; or Computing Ireland’s Place in the 19<sup>th</sup> Century Novel.” Center for 21<sup>st</sup> Century Studies. University of Wisconsin-Milwaukee. April 18, 2013.
- 2013 “The Ancient World in 19<sup>th</sup>-Century Fiction: a Macroanalysis.” Digital Classics Association. University of Buffalo, SUNY, April 5-6, 2013.
- 2013 “Moby Dick is God and Other Things My Computer Doesn’t Know.” Columbia Center for Digital Research and Scholarship. Communicating Computational Science Conference. Columbia University. New York, April 4, 2013.
- 2013 “Around the World in 3500 Novels.” Sponsored by the World Literature Program and the Department of Classical and Near Eastern Studies at Creighton University. March 22, 2013.
- 2013 “A Matter of Style.” Boston-Area Days of DH Conference. Northeastern University, Boston, Massachusetts. March 18, 2013. (Keynote Lecture with Julia Flanders.)
- 2013 “Correlating Theme, Geography, and Sentiment in the 19<sup>th</sup>-Century Literary Imagination.” Catapult Center for Digital Humanities and Computational Analysis of Texts. College of Arts and Sciences, Indiana University. February 8, 2013.
- 2012 “Thematic Change and Authorial Innovation in the 19<sup>th</sup> Century Novel.” Topic Modeling for Humanities Research Workshop. University of Maryland. November 3, 2012.

- 2012 “Visualizing the 19<sup>th</sup> Century Novel.” Advanced Data Visualization Project. Columbia University. New York. October 8, 2012.
- 2012 “Tracking Literary Influence in the 19<sup>th</sup>-Century Novel.” Big Data: Text Mining in the Humanities. McGill University. Montreal. 2012.
- 2012 “Computing the 19<sup>th</sup>-Century Literary Genome.” Orphan Works and Mass Digitization: Obstacles and Opportunities Conference. University of California at Berkeley, Berkeley, California. April 12 - 13, 2012.
- 2012 “Tracking Literary Influence in the 19<sup>th</sup>-Century Novel.” University of Groningen, Groningen, Netherlands, February 22, 2012.
- 2012 “A Voice in the Archive: Macroanalysis of the 19<sup>th</sup>-Century Novel.” University of Groningen, Groningen, Netherlands. February 22, 2012.
- 2012 “Macroanalysis and the 19<sup>th</sup>-Century Irish Novel in English.” Trinity College, Dublin, Ireland. February 17, 2012.
- 2011 “Why the 19<sup>th</sup>-Century Irish Novel in English, Isn’t.” Irish Literary and Historical Society, San Francisco, California. October 30, 2011.
- 2011 “Topic Modeling Thematic Trends in the 19<sup>th</sup>-Century Novel: The Unsupervised Approach.” New Directions in Text Analysis Conference. Harvard University. Boston, Massachusetts. May 20-21, 2011.
- 2011 “Charles Driscoll’s Kansas.” Kansas Sesquicentennial Lecture, Wichita-Sedgwick County Historical Museum. Wichita, Kansas. March 8, 2011.
- 2011 “Charles Driscoll and the Irish-American West.” Benedictine College, Atchison, Kansas. March 7, 2011.
- 2010 “Computation, Machine Learning, and Literary Analysis.” College of Engineering. Montana State University, Bozeman, Montana. December 3, 2010.
- 2007 “Metadata Mining the Irish-American Literary Corpus.” University of Missouri. St. Louis, Missouri. April 26, 2007.
- 2007 “Beyond Search: A Macro-Analytic Method for Literary Analysis.” Southern Illinois University. Carbondale, Illinois. April 24, 2007.
- 2006 “The Irish Voice and the American West.” Murray State University. Murray, Kentucky. April 17, 2006.
- 2006 “The Irish in the San Francisco Bay Area: Essays on Good Fortune: A Roundtable.” American Conference for Irish Studies, National Meeting. St. Louis Missouri. April 21, 2006.
- 2004 “The Irish in California.” Crossroads Irish-American Festival. San Francisco Main Library, San Francisco, California. March 13, 2004.
- 2003 “The Irish-American West.” Program for the Study of the North American West Colloquium, Stanford University, Stanford, California. March 12, 2003.
- 2001 “Using Technology to Enhance Teaching.” Department of Cultural and Social Anthropology, Stanford University. Stanford, California. September 24, 2001.
- 2001 “Utilizing Computer-Enriched Classrooms.” Council for Opportunity in Education, Instructional Technology Seminar. Atlanta, Georgia. May 9-13, 2001.
- 1999 “Real World Reasoning.” University of Northern Colorado. November 10, 1999.
- 1999 “Critical Thinking and Writing in a Non-Critical World.” McNair Scholars Program Lecture Series. University of Northern Colorado. Greeley, Colorado. May 17, 1999.

- 1999 “Solving the Riddles in Joyce’s *Ulysses*.” Guest Lecture in English 629: Graduate Seminar in 20<sup>th</sup> Century British Literature. University of Northern Colorado. Greeley, Colorado. March 4, 1999.
- 1999 “Professional Ethics.” McNair Scholars Program Lecture Series. University of Northern Colorado. Greeley, Colorado. February 22, 1999.
- 1998 “Graduate Research in the Humanities.” McNair Scholars Program Lecture Series, University of Northern Colorado. Greeley, Colorado. November 17-18, 1998.
- 1998 “In Search of Tir-na-Nog: Irish-American Literature in the West.” Chicago Irish Studies Seminar, Chicago Historical Society. Chicago, Illinois. January 24, 1998.
- 1997 “From Bog to Sod: Irish-American Fiction in the West.” Guest Lecture in English 579: Graduate Seminar in Irish-American Fiction. Southern Illinois University. Carbondale, Illinois. Spring 1997.
- 1993 “James Joyce’s *Dubliners* and the Modern Short Story.” Guest Lecture in English 260: Masterpieces of English Literature, University of Northern Colorado. Greeley, Colorado. 1993.
- 1993 “Opening Address to Graduating Class.” Graduate Commencement. University of Northern Colorado. Greeley, Colorado. May 14, 1993.

## CONFERENCE PRESENTATIONS

- 2017 Taylor, George, Jockers, Matthew, and Nascimento, Fernando. “No Reasonable Person.” Justice Scalia: Rhetoric and the Rule of Law Symposium. McGeorge School of Law, University of the Pacific, Sacramento, CA. May 5, 2017.
- 2016 Gao, J, Jockers, M. L., Laudun, J. and Tangherlini, T. “A Multiscale Theory for the Dynamical Evolution of Sentiment in Novels. Conference on Behavioral, Economic, and Socio-Cultural Computing (BESC). Duke University, Durham, NC. November 11-13, 2016. (DOI: 10.1109/BESC.2016.7804470)
- 2016 “Understanding Gender and Character Agency in the 19th Century Novel.” International Society for the Empirical Study of Literature. Chicago, IL. 2016. (Equal contributor with Gabi Kirilloff.)
- 2014 “Seeing with Numbers: Sociological and Macroanalytic Approaches to Literary Exclusion.” Modern Language Association National Meeting. Chicago, Illinois. January 9, 2014.
- 2013 “Pedagogy, Collaboration, Method: Woolf in the Digital Commons.” Virginia Woolf Conference. Vancouver, British Columbia. June 6 - 9, 2013.
- 2013 “Rebooting Graduate Training: Collaboration, Computing, and the New Thesis.” Panel organized by the Discussion Group on Computer Studies in Language and Literature. Modern Language Association National Meeting. Boston, Massachusetts. January 7, 2013.
- 2013 “Theories and Practices of the Literary Lab.” Modern Language Association National Meeting. Boston, Massachusetts. January 3, 2013.
- 2013 “Getting Started in Digital Humanities with Help from DH Commons.” Digital Humanities Commons MLA Workshop hosted by Northeastern University. Boston, Massachusetts. January 3, 2013.
- 2012 “A Geography of Nineteenth-Century English and American Literature.” Social Science History Association. 37<sup>th</sup> Annual Meeting. Vancouver, British Columbia.

- November 2, 2012. (Equal Contributor with Ben Allen, Cameron Blevins, and Ryan Heuser.)
- 2012 “Computing and Visualizing the 19<sup>th</sup> Century Literary Genome.” Digital Humanities Conference 2012. University of Hamburg. Hamburg, Germany. July 16 - 22, 2012.
- 2012 “The Inevitability of Influence: Tracking Thematic and Stylistic Change in 19<sup>th</sup>-Century American Fiction.” 23<sup>rd</sup> Annual Conference of the American Literature Association. San Francisco, California. May 24-27, 2012.
- 2012 “Irish Literature in the American West.” Crossroads Irish-American Festival, University of San Francisco. San Francisco, California. March 25, 2012.
- 2011 “Detecting and Characterizing National Style in the 19<sup>th</sup> Century Novel.” Digital Humanities Conference 2011. Stanford University. Stanford California. June 19 - 22, 2011.
- 2011 “What Makes an Irish Novel Irish: Toward a Stylistic and Thematic Definition of the 19<sup>th</sup> Century Irish Novel.” 2011 International Conference on Narrative. Washington University, St. Louis, Missouri. April 7-10, 2011.
- 2011 “#alt-ac: Alternative Paths, Pitfalls, and Jobs in the Digital Humanities.” Panel organized by the Discussion Group on Computer Studies in Language and Literature. Modern Language Association National Meeting. Seattle, Washington. January 7, 2011.
- 2010 “The Devil’s in the Data: Literature as Macro-System.” Conference of the Society for Literature, Science and the Arts, Indianapolis, Indiana. October 28-31, 2010.
- 2010 “Defining Irish Style: A Computational Stylistics of Irish and British Prose.” Western Regional Meeting of the American Conference for Irish Studies. Boise, Idaho. October 1-3, 2010.
- 2009 “Testing Authorship in the Personal Writings of Joseph Smith Using NSC Classification.” Digital Humanities Conference 2009. University of Maryland, College Park, Maryland. June 22 - 25, 2009.
- 2008 “Methodologies for Literary Studies in the Digital Age.” Modern Language Association National Meeting. San Francisco, California. December 2008.
- 2008 Jockers, Matthew L., Glen Worthey, Joe Shapiro, and Sarah Allison. “Beyond Search: Literary Studies and the Digital Library.” Digital Humanities Conference 2008. University of Oulu. Oulu, Finland. June 25 - 29, 2008.
- 2008 “Josephine Donovan's Iowa: An Uir Dub.” American Conference for Irish Studies, Annual Meeting. Davenport Iowa. April 18, 2008.
- 2007 “Beyond Boston: Geo-Referencing Irish-American Literature.” Modern Language Association National Meeting. Chicago, Illinois. December 2007.
- 2007 “Macro-Analysis (2.0).” Digital Humanities Conference 2007. University of Illinois, Urbana-Champaign, Illinois. June 2-8, 2007.
- 2005 “Kathleen Norris: An Irish Author of Some Importance.” Western Regional Meeting of the American Conference for Irish Studies. Oregon State University, Corvallis, Oregon. October 14-16, 2005.
- 2005 “Electronic Text Analysis and a New Methodology for Canonical Research.” 17<sup>th</sup> Joint International Conference of the Association for Computing in the Humanities and the Association of Literary and Linguistic Computing. University of Victoria.

- Victoria, British Columbia, Canada. June 15-18, 2005. (Alternate Title: “A Macro-Economic Model for Literary Research.” In *ACH/ALLC 2005*.)
- 2004 “Making and Mining a Digital Archive: the Case of the Irish-American West Project.” American Conference for Irish Studies, National Meeting. Liverpool, England. July 12-16, 2004.
- 2003 “From the Parks of Menlough to Menlo Park: Irish Writing in California.” American Conference for Irish Studies, National Meeting. Minneapolis, Minnesota. June 4-7, 2003.
- 2002 “The American West in Modern and Contemporary Irish Fiction.” Western Regional Meeting of the American Conference for Irish Studies. Santa Clara, California. October 11-13, 2002.
- 1999 “The Image of the American West in Irish Literature.” Annual Meeting of the Society for the Interdisciplinary Study of Social Imagery. Colorado Springs, Colorado. March, 1999.
- 1994 “Literary Evidence of the Irish in Montana.” Midwest regional meeting of the American Conference for Irish Studies. University of Detroit, Mercy. Detroit, Michigan. October, 1994.
- 1994 “Richard Murphy and the British/Irish Identity.” Irish Studies Colloquium. Southern Illinois University. Carbondale, Illinois. March, 1994.
- 1992 “‘The [Real] Word Known to All Men’ in James Joyce’s *Ulysses*.” Midwest regional meeting of the American Conference for Irish Studies. Southern Illinois University. Carbondale, Illinois. October, 1992.
- 1992 “An Unknown Word in Joyce’s *Ulysses*.” University Research Day, University of Northern Colorado. Greeley, Colorado. March, 1992.

## WORKSHOPS / INSTITUTES

- 2017 “Introduction to Text Analysis with R.” University College London. London, UK. May 10, 2017.
- 2017 “Introduction to Text Analysis with R.” Vanderbilt University. Nashville, TN. April 5, 2017.
- 2015 - 2016 National Humanities Center Summer Institute on Digital Textual Studies. Co-Organizer with Willard McCarty. Research Triangle Park, North Carolina. June 8-12, 2015, June 26 – July 2, 2016.
- 2015 “Introduction to Text Analysis with R.” Harvard University. Boston, Massachusetts, April 3, 2014.
- 2014 “Introduction to Text Analysis with R.” Yale University. New Haven, Connecticut December 5, 2014.
- 2014 “Introduction to Text Analysis and Topic Modeling with R.” Digital Humanities Conference. Lausanne, Switzerland. July 7, 2014.
- 2014 “Introduction to Text Analysis and Topic Modeling with R.” University of Gothenburg, Gothenburg, Sweden. March 26, 2014.
- 2014 “Introduction to Text Analysis and Topic Modeling with R.” Michigan State University. East Lansing, Michigan. February 20-21, 2014.
- 2013 “Introduction to Text Analysis with R.” University of Kansas. Digital Humanities Forum: 2013. Lawrence, Kansas. September 12, 2013.

- 2013 “Text Analysis and Topic Modeling in the Humanities.” Center for 21<sup>st</sup> Century Studies. University of Wisconsin-Milwaukee. Milwaukee, Wisconsin. April 19, 2013.
- 2013 “Large-Scale Text Analysis with R.” Digital Humanities Winter Institute. University of Maryland. College Park, Maryland. January 7 - 11, 2013.
- 2013 “Introduction to Topic Modeling.” Digital Humanities Commons MLA Workshop. Northeastern University. Boston, Massachusetts. January 3, 2013.
- 2012 “Macroanalysis with R.” Trinity College. Dublin, Ireland. February 16, 2012.
- 2008 “The Good Web.” MLA Workshop. Co-Instructor with Susan Schreibman. Modern Language Association, National Meeting. San Francisco, California. December 27, 2008.
- 2004 “XML and XSLT Workshop.” Co-Instructor. Humanities Computing Summer Institute. University of Victoria. Victoria, BC. June 24-30, 2004.
- 2001 “Introduction to Web Design.” Co-Instructor. Stanford University Academy for New Media. Stanford, California. July 23-27, 2001.
- 2001 “Introduction to 3-D Animation.” Co-Instructor. Stanford University Academy for New Media. Stanford, California. July 9-13, 2001.
- 2001 “Designing a Course Web Site with Macromedia DreamWeaver and Fireworks.” Stanford University. Stanford, California. June 26 & 28, 2001.
- 2003 “Using Endnote for Research and Writing.” Stanford University, Fall, Winter, and Spring 2003-2006 ongoing presentations. Stanford, California.
- 2001 “Organizing and Managing Macintosh Files and Software.” Stanford University. Stanford, California. April 27, 2001.
- 2001 “Troubleshooting and Maintaining the Macintosh.” Stanford University. Stanford, California. April 20, 2001.
- 1999 “Finding Scholarships on the World Wide Web.” Cornerstone Workshop Series. University of Northern Colorado. Greeley, Colorado. September 15, 1999.
- 1997 “Publishing on the World Wide Web.” Cornerstone Lecture Series. University of Northern Colorado. Greeley, Colorado. 1997.

## TEACHING

- 2016 Introduction to English Studies. University of Nebraska.
- 2016 English Capstone: *Ulysses*. University of Nebraska.
- 2015 Digital Literary Studies. University of Nebraska.
- 2015 Contemporary Bestsellers. University of Nebraska.
- 2014 Macroanalysis. University of Nebraska.
- 2013 Microanalysis. University of Nebraska.
- 2013 Modern Fiction. University of Nebraska.
- 2013 Introduction to Literature. University of Nebraska.
- 2013 English Capstone: *Ulysses*. University of Nebraska.
- 2012 National Literatures: Irish Literature. University of Nebraska.

- 2012 Digital Humanities: Beyond the Book. Stanford University.
- 2010 Literary Studies and the Digital Library. Stanford University.
- 2009 Ad Hoc Seminar in Corpus Stylistics. Stanford University.
- 2009 Literary Studies and the Digital Library. Stanford University.
- 2008 Digital Humanities: Beyond the Book. Stanford University.
- 2004 - 2007 Digital Humanities: Literature and Technology. Stanford University.
- 2003 Electronic Data, Literary Theory. Stanford University. (Co-Taught with Franco Moretti.)
- 2002 - 2005 Irish-American Literature. Stanford University.
- 2001 Pedagogy Seminar I. Stanford University. (Co-Taught with Andrea Lunsford.)
- 1997 - 2001 Computer Applications for Composition. University of Northern Colorado.
- 1997 - 2001 College Composition. University of Northern Colorado.
- 1997 - 2001 College Research Paper. University of Northern Colorado.
- 1997 - 2001 Critical Thinking and Writing. University of Northern Colorado.
- 1994 The Western Literary Tradition. Southern Illinois University.
- 1994 Intermediate Expository Writing. Southern Illinois University.
- 1990 - 1993 College Composition. University of Northern Colorado.
- 1990 - 1993 College Research Paper. University of Northern Colorado.
- 1993 Introduction to Literature. University of Northern Colorado.
- 1993 James Joyce's *Ulysses*. University of Northern Colorado. (Co-taught with Craig Smith.)
- 1993 - 1995 College Composition I. Southern Illinois University.
- 1993 - 1995 College Composition II. Southern Illinois University.

## GRADUATE DISSERTATIONS

- 2018 Kirilloff, Gabi. "This, Reader, is no Fiction: The Rhetorical Uses of Readerly Address in the Nineteenth- and Twentieth-Century Novel." University of Nebraska. (Co-Director).
- 2018 Lawton, Courtney. "Their First Novels (there were two): Women's Novels and the Leap from First to Second." University of Nebraska.
- 2017 Isasi, Jennifer. "Possibilities of Digital Data Mining for the Analysis of the Literary Character in the Spanish Novel: The Case of Galdòs." University of Nebraska.
- 2014 Archer, Jodie. "Reading the Bestseller: An Analysis of 20,000 Novels." Stanford University (Co-Director, 2014).
- 2014 Rochat, Yanick. "Character Networks and Centrality." Université de Lausanne.

## UNDERGRADUATE THESES

- 2017 Himes, Emma. "Text Mining Willa Cather's Correspondence." Honors Thesis. University of Nebraska-Lincoln.
- 2014 Thomas, Grace. "A Topic Model Case Study: Poetry in Civil War Pennsylvania Newspapers." Honors Thesis. University of Nebraska-Lincoln.
- 2011 Kraus, Rachael. "Collapsing the Bindings of Paradise Lost." Honors Thesis, Stanford University.

- 2009 Loomis, Jenny. "Metaforager, a semi-supervised learning system for harvesting metaphors from large plain-text corpora." Honors Thesis, Stanford University.

## BOOK REVIEWS

- 2011 *Beyond the American Pale: The Irish in the West, 1845-1910*. David Emmons. *New Mexico Historical Review*. 86:4, 2011, 530 - 531.
- 2003 *Last Before America: Irish and American Writing*. Edited by Fran Brearton and Eamonn Hughes. *Nua: Studies in Contemporary Irish Writing*. Volume IV, Numbers 1 & 2, 2003, 197 - 199.
- 1998 *The Irish Play on the New York Stage*. John P. Harrington. *New Hibernia Review*. 2.2, 1998, 152-153.
- 1997 *Oscar Wilde and the Poetics of Ambiguity*. Michael Gillespie. *New Hibernia Review*. 1.4, 1997, 157-158.
- 1995 *From Dublin to New Orleans*. Eds. Suellen Hoy and Margaret MacCurtain. *Eire Ireland*. 30.1, 1995, 183-185.

## SERVICE: UNIVERSITY OF NEBRASKA

- 2017 - Water Sciences Laboratory Advisory Board
- 2016 - College of Arts and Sciences Advisory Board
- 2016 - Research Advisory Board
- 2016 - Center for Brain, Biology and Behavior (CB3) Executive Council (EC)
- 2016 - Board of Governors, Center for Great Plains Studies
- 2014 - 2015 Chair's Advisory Committee (Personnel Subcommittee).
- 2013 - 2014 Coordinator of the DH Faculty Fellows Forum.
- 2013 - 2014 Digital Humanities Certificate Coordinator.
- 2012 - 2014 Digital Humanities Certificate Advisory Board.
- 2012 - 2014 Digital Humanities Minor Coordinator.
- 2012 - 2014 Informatics Minor (Interdisciplinary Committee)

## SERVICE: OTHER PROFESSIONAL

- 2016 - Advisory Board, Islamicate Texts Initiative (OpenITI).
- 2016 Program Committee, Workshop on Computational Linguistics for Literature.
- 2015 - Advisory Board, *CA: Journal for Cultural Analytics*
- 2015 - Advisory Board, Avant-Gardes and Émigrés: Digital Humanities and Slavic Studies
- 2015 Program Committee, Fifth Workshop on Computational Linguistics for Literature
- 2014 - Advisory Board, Digital Literary Studies: <http://digitalliterarystudies.org/>
- 2013 - Editorial Board. Open Book Publishers. Digital Humanities Series.
- 2013 Associate Editor (with Kay Walter and Glen Worthey), *Literary and Linguistic Computing*. Special Issue "Digital Humanities 2011: Big Tent Digital Humanities." Volume 28, Issue 2, June 2013.
- 2012 Program Committee, First Workshop on Computational Linguistics for Literature

- 2011 - Advisory Board, Hathi Trust Research Center: <http://www.hathitrust.org/htrc>
- 2011 Local Host (with Glen Worthey). DH 2011, the annual Conference of the Alliance of Digital Humanities Organizations (ADHO), Stanford University, June 19-24, 2011.
- 2010 Peer Reviewer, European Research Council.
- 2008 - 2012 Executive Council Member, Association for Computers in the Humanities.
- 2009 Peer Reviewer, *Digital Studies/Le champ numerique* (DS/CN), *The Journal of the Society for Digital Humanities* in Canada.
- 2008 Developed an online voting system for the TEI Consortium.
- 2008 - Peer Reviewer, *Literary and Linguistic Computing*.
- 2008 - 2010 Peer Reviewer, ACH/ALLC/SDH-SEMI Joint Digital Humanities Conference.
- 2008 Peer Reviewer, Swiss National Science Foundation (SNSF).
- 2008 Peer Reviewer, NEH/DOE Humanities High Performance Computing Grants.
- 2005 Peer Reviewer, Social Science and Humanities Research Council, Canada.
- 2005 - 2009 Secretary of the American Conference for Irish Studies.
- 2003 - 2005 Editor, *American Conference for Irish Studies Newsletter*.
- 2003 - 2009 Web Master, American Conference for Irish Studies.

**SERVICE: COMMUNITY**

- 2017 Featured speaker at the UNL Faculty Connector. 4/20/2017
- 2017 Guest Lecture on Natural Language Processing and Machine Learning for Artificial Intelligence Meetup Group, Lincoln NE. 9/11/2017
- 2017 Guest Lecture on Digital Humanities for the Osher Lifelong Learning Institute, Lincoln, NE. 9/12/2017