



Rosamond Thalken

PhD Student, Information Science, Cornell University
✉ ret85@cornell.edu  [rosthalken](https://github.com/rosthalken)  rosamondthalken.com

Research Areas

Cultural analytics, natural language processing (NLP), digital humanities, reception studies

Education

Cornell University, Ph.D. Information Science 2020 - present

Advisers: Matthew Wilkens and David Mimno

Minor: Sociology

Washington State University, M.A. English Literature 2017 - 2019

Adviser: Matthew Jockers

Thesis: *A Very Competent Justice: Gender and Responsive Ethos in Supreme Court Opinions*

University of Nebraska, B.A. English and Film Studies 2013 - 2017

Published Books

Matthew L. Jockers and Rosamond Thalken. **Text Analysis With R: For Students of Literature**. 2nd Edition. *Springer*. 2019, Print.

Industry and Research Experience

Authors AI, Associate Research Scientist Spring 2021 - present

Marlowe

- Design and maintain NLP-driven book report for fiction **authors**
- Support fiction authors as they submit and interpret Marlowe reports

BingeBooks

- Develop (in progress) book recommendation algorithm for **readers**

Cornell University, Graduate Research Assistant 2020 - present

Readership Networks

- Compare books read by Shakespeare and Co library members and Goodreads reviewers
- Use network analysis to identify core-periphery structure of book community

Supreme Court Rhetoric

- Classify rhetoric in Supreme Court opinions, using a large language model, BERT
- Find diachronic language patterns and associate with related changes to the Court

Washington State University, Graduate Research Assistant 2017 - 2019

An fMRI Analysis of Reader Sentiment

- Design fMRI behavioral test to assess neural response to ambiguity in fiction
- Survey participants about political leanings, behavioral type, and reading habits

Supreme Court and Gender

- Find rhetorical strategies through supervised machine learning
- Contextualize findings with theories from gender studies and rhetoric

University of Nebraska, Undergraduate Research Assistant

2016 - 2017

Character Agency and Gender in Fiction

- Analyze books that defy gendered agency cultural norms in pronoun-verb pairs

George Eliot Digitization project

- Transcribe letters written to and from George Eliot
- Digitize and edit journal dedicated to scholarship on George Eliot

Conferences and Presentations

The Monologic Voice: A Uniting Rhetoric of Supreme Court Opinions

Rosamond Thalken, David Mimno, and Matthew Wilkens

2021 New Directions in Analyzing Text as Data (TADA) Conference

Constraints, Creativity, and Control: A Computational Analysis of Rhetoric in Court Opinions

Rosamond Thalken, David Mimno, and Matthew Wilkens

2021 Association for Computers and the Humanities Conference

Making, Preserving, and Curating Born-Digital Literature

Rosamond Thalken, Dene Grigar, et al.

2020 Modern Language Association Annual Convention

Gendered Judges

Rosamond Thalken and Matthew L. Jockers

2019 Text Analysis and the Law Conference

Individual Differences in Sentence-Level Emotion Processing

Matthew L. Jockers and Rosamond Thalken

2019 Modern Language Association Annual Convention

Dissenting Women: Studying Gender and Language in Supreme Court Opinions

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2018 Chicago Colloquium on Digital Humanities and Computer Science

An fMRI Analysis of Reader Sentiment

Matthew L. Jockers and Rosamond Thalken

Access: NovelTM 2017 Workshop

The Creative Commons Philosophy: When We Share, Everyone Wins

Beverly Rilett and Rosamond Thalken

2017 European Studies Conference

The George Eliot Review Digitization Project

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2017 UNL Research at the Capitol: Presenting Undergraduate Research to State Senators

Honors, Awards, and Fellowships

Cornell University Fellowship

2020-2021

HASTAC Scholars National Program

2017-2019

Teaching Experience

INSTRUCTOR, *Washington State University*, FALL 2019 - WINTER 2021

DTC 475: Digital Diversity, 3 sections

DTC 375: Language, Texts, and Technology, 1 section

DTC 204: Introduction to Text Analysis, Course Designer

DTC 101: Introduction to Digital Technology and Culture, 1 section

Womens_St 101: Introduction to Women's, Gender, and Sexuality Studies, 1 section

ENGL 101: College Composition, 4 sections

Service and Leadership

President, Information Science Graduate Student Association 2021 - 2022

Coordinator, Writing Lincoln Initiative 2017 - 2018

Volunteer Teacher, Writing Lincoln Initiative 2014 - 2018

Undergraduate Representative, Digital Humanities Student Association 2016 - 2018

Academic Program Review Undergraduate Representative, University of Nebraska 2016

English Student Advisory Board, University of Nebraska 2015 - 2017

Non-Degree Studies

Education Abroad in Belgium and the Netherlands, University of Nebraska May 2017

Dissidence and Social Protest in Belgian and Dutch Literature and Culture: Reading the Lowlands