

# MELANIE WALSH

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University of Washington  
Mary Gates Hall  
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## ACADEMIC APPOINTMENTS

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- 2023-  
Present      **University of Washington**  
Assistant Professor, Information School  
— Core Faculty, Textual Studies Program  
— Affiliate, Humanities Data Lab
- 2021-  
2023      **University of Washington**  
Assistant Teaching Professor, Information School
- 2019-  
2021      **Cornell University**  
Postdoctoral Associate and Visiting Lecturer, Information Science

## EDUCATION

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- 2019    Ph.D.    **Washington University in St. Louis**, English & American Literature  
  
Dissertation Committee: William J. Maxwell (Chair), Rachel Greenwald Smith, Long Le-Khac, Steven Meyer, Matthew Erlin
- 2015    M.A.    **Washington University in St. Louis**, English
- 2013    B.A.    **Washington University in St. Louis**, English  
*summa cum laude*
- 2011-  
2012      **Keble College, Oxford University**, English  
Visiting Student

## PUBLICATIONS

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### Peer-Reviewed Articles & Book Chapters

**Melanie Walsh** and Anna Preus, “Not with a Bang But a Tweet: Democracy, Culture Wars, and the Memeification of T.S. Eliot,” *Expressive Networks: Poetry and Platform Cultures*, Amherst College Press, 2025, forthcoming.

Melanie Walsh, Anna Preus, Maria Antoniak, “Sonnet or Not, Bot? Poetry Evaluation for Large Models and Data,” *Findings of the Association for Computational Linguistics: EMNLP*, 2024.

Maria Antoniak, David Mimno, Rosamund Thalken, **Melanie Walsh**, Matthew Wilkens, Gregory Yaune, [“The Afterlives of Shakespeare and Company in Online Social Readership.”](#) *Journal of Cultural Analytics and Modernism/modernity*, May 2024.

**Melanie Walsh** and Matt Erlin, “Social and Conceptual Networks in Eighteenth-Century German Periodical Literature,” *Between Network and Narrative: German and European Cultural Histories, 1789-1810*, ed. Birgit Tautz and Crystal Hall, Oxford University Studies in the Enlightenment, January 2024.

**Melanie Walsh**, “The Challenges and Possibilities of Social Media Data: New Directions in Literary Studies and the Digital Humanities,” *Debates in the Digital Humanities 2023*, University of Minnesota Press, July 2023.

Maria Antoniak, Anjalie Field, Lauren Klein, Jimin Mun, Maarten Sap, **Melanie Walsh**, “RIVETER: Measuring Power and Social Dynamics Between Entities,” *Annual Meeting of the Association for Computational Linguistics (ACL’23)*.

Maria Antoniak, **Melanie Walsh**, and David Mimno, [“Tags, Borders, and Catalogs: Social Re-Working of Genre on LibraryThing.”](#) *Proceedings of the ACM on Human-Computer Interaction (CSCW)* 5 (April 2021).

**Melanie Walsh** and Maria Antoniak, [“The Goodreads ‘Classics’: A Computational Study of Readers, Amazon, and Crowdsourced Amateur Criticism.”](#) *Journal of Cultural Analytics and Post45* (April 2021).

**Melanie Walsh**, [“Tweets of a Native Son: The Quotation and Recirculation of James Baldwin from Black Power to #BlackLivesMatter.”](#) *American Quarterly*, 70, no. 3 (September 2018): 531-559.

### **Manuscript-in-Progress**

Melanie Walsh, *When Postwar American Fiction Went Viral: Protest, Profit, and Popular Readers in the 21<sup>st</sup>*

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### **Digital Projects**

*Introduction to Cultural Analytics & Python*, <https://melaniewalsh.github.io/Intro-Cultural-Analytics/>

An online interactive textbook that offers an introduction to the programming language Python, specifically designed for students interested in the humanities and social sciences

*Tweets of a Native Son*, [www.TweetsofaNativeSon.com](http://www.TweetsofaNativeSon.com)

A website featuring interactive data visualizations about James Baldwin’s digital afterlives

### **Essays, Reviews, & Interviews**

[“What 35 Years of Data Can Tell Us About Who Will Win the National Book Award.”](#) with Alexander Manshel, *Public Books*, November 2023.

[“Where Is All The Book Data?”](#) *Public Books*, October 2022.

[“Review: Name That Twitter Community!”](#) *Reviews in Digital Humanities*, Vol. 1, no. 2, January 2020.

[“Beautifying Beale Street,”](#) *Los Angeles Review of Books*, December 2018.

“A Conversation with Cathy Davidson: On the Digital in the Humanities and Her Journey to Revolutionize Higher Ed,” *Human Ties*, September 2018.

### **Fiction**

[“Unattended Packages,”](#) *Chicago Reader*, December 2018.

### **Editorial Work**

[“Echoes: Memes, Art, & Collectives on the Internet,”](#) *The Spectacle*, July 2019.

### **Film**

[“The Daily Aesthetics of Alexander Martin”](#) (2022), story consultant

\*Official selection of the PBS Short Film Festival 2022, Barcelona Short Film Festival, Femmie Filmmakers Showcase, and Pride Film Fest

## **EXTERNAL GRANTS, AWARDS, & FELLOWSHIPS**

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|------|--|
| 2024 | <b>NEH Digital Humanities Level II Advancement Grant</b><br>National Endowment for the Humanities<br>*Grant awarded to support <b>“Post45 Data Collective: Enhancing Cultural Data Documentation, Interoperability, and Reach.”</b><br>Co-PI with Dan Sinykin  |
| 2023 | <b>Mozilla Responsible Computing Challenge Award</b><br>Mozilla Foundation and Mellon Foundation<br>*Grant awarded to support <b>“Responsible Datasets in Context: Collaborating Designing for Ethical Humanities Data Education,”</b> which helps provide richly contextualized datasets for undergraduate computing education.<br>Co-PI with Anna Preus, Miriam Posner, Amardeep Singh, Sylvia Fernandez<br>Total: \$150,000 |
| 2023 | <b>NEH Digital Humanities Level III Advancement Grant</b><br>National Endowment for the Humanities<br>*Grant awarded to support <b>“AI for Humanists,”</b> which helps humanities researchers use, understand, and critique recent advancements in artificial intelligence.<br>Co-PI with Matthew Wilkens and David Mimno<br>Total: \$349,987  |
| 2022 | <b>IMLS Laura Bush 21<sup>st</sup> Century Librarian Program</b><br>Institute of Museum and Library Services   |

\*Grant awarded to support the TALENT Network to promote the Training of Archival & Library Educators with iNnovative Technologies.  
Project team member; PI Richard Marciano  
Total: \$399,698 Personal Share: \$7,400

- 2022 **Best Digital Humanities Training Material 2022, Winner**  
Digital Humanities Awards 2022  
\*Awarded for my online textbook *Introduction to Cultural Analytics & Python*.
- 2021 **NEH Digital Humanities Level I Advancement Grant**  
National Endowment for the Humanities  
\*Grant awarded to support **“BERT for Humanists: Anticipating the Reception of Contemporary NLP in Digital Humanities.”**  
Co-PI with David Mimno  
Total: \$39,998
- 2020 **Emerging Open Scholarship Award, Honorable Mention**  
Canadian Social Knowledge Institute  
\*Awarded for exemplary open scholarship carried out by undergraduate students, graduate students, postdoctoral fellows, and early stage professionals.
- 2018 **William J. Hill Visiting Researcher Travel Grant**  
Wittliff Collections, Texas State University
- 2018 **Everett Helm Visiting Fellowship**  
The Lilly Library, Indiana University
- 2017 **National Science Foundation Travel Grant**  
“Archives Unleashed” Workshop  
Internet Archive, San Francisco, CA
- 2016-28 **HASTAC Scholar**  
Humanities, Arts, Science, and Technology  
Alliance and Collaboratory

## **INTERNAL GRANTS, AWARDS, & FELLOWSHIPS**

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- 2024 **Collaborative Project Award**  
Simpson Center for the Humanities, University of Washington  
\*Awarded to support *AI, Creativity, and the Humanities*.  
Co-PI with Anna Preus, Geoff Turnovsky, and Golden Owens  
Total: \$14,096
- 2024 **Humanities Data Science Summer Institute Fellowship**  
Interdisciplinary Minor in Data Science

- University of Washington  
\*Awarded to lead a humanities data science project in summer 2024
- 2023 **Crossdisciplinary Research Cluster Award**  
Simpson Center for the Humanities, University of Washington  
\*Awarded to support *AI, Creativity, and the Humanities*.  
Co-PI with Anna Preus, Geoff Turnovsky, and Richard Watts  
Total: \$8,500
- 2023 **Digital Humanities Summer Fellowship**  
Simpson Center for the Humanities, University of Washington  
\*Awarded to support work on my book, *When Postwar American Fiction Went Viral: Protest, Profit, and Popular Readers in the 21<sup>st</sup> Century*.
- 2023 **Data Science Minor Course Development Award**  
Interdisciplinary Minor in Data Science  
University of Washington  
\*Awarded funding to develop new course for the Data Science Minor in summer 2023
- 2023 **Humanities Data Science Summer Institute Fellowship**  
Interdisciplinary Minor in Data Science  
University of Washington  
\*Awarded to lead a humanities data science project in summer 2023
- 2022 **UW iSchool Strategic Research Fund (SRF) Award**  
Information School, University of Washington  
\*Awarded to support *Investigating Data-Driven Diversity Audits in Public Libraries*.  
PI  
Total: \$5,496
- 2019 **Dean's Award for Teaching Excellence**  
Arts & Sciences, Washington University in St. Louis  
\*Awarded annually to select Arts & Sciences graduate students for outstanding teaching. Each department nominates one graduate student, and winners are selected from this pool of nominees.
- 2018 **Dissertation Fellowship**  
Center for the Humanities, Washington University in St. Louis  
\*Awarded annually to six doctoral candidates in the humanities in support of the dissertation.
- 2015, -16, -17 **Humanities Digital Workshop Summer Fellowship**  
Washington University in St. Louis  
\*A summer fellowship program where students collaborate with faculty on digital humanities projects.
- 2010 **Harriet Schwenk Kluver Prize**

English Department, Washington University in St. Louis  
\*Awarded annually for excellence in writing.

## INVITED TALKS, LECTURES, WORKSHOPS

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- 2024      **“The Meme of the Author”**  
International Reader Studies Symposium  
Price Lab for Digital Humanities  
University of Pennsylvania  
Invited Talk
- 2024      **“Future Direction in Text Analysis and Social Media Data”**  
Text Analysis Module Series  
Brown University  
Invited Talk (virtual)
- 2023      **“Artificial Intelligence: An Overview for the NEH”**  
National Endowment for the Humanities (virtual)  
Invited Presentation (with Matt Wilkens and David Mimno)
- 2023      **“Large Language Models for Humanists:  
A Hands-On Introduction”**  
AI, Creativity, & Humanities Research Cluster  
Simpson Center, University of Washington  
Invited Workshop (with Maria Antoniak)
- 2023      **“Publisher-Platform Data Relationships”**  
*Exploring the Anti-Ownership Ebook Economy*  
Engelberg Center on Innovation Law & Policy  
New York University (NYU)  
Invited Panelist
- 2023      **“The Social Media Lives of Texts:  
Reception in the Age of the Internet”**  
New Horizons in Digital Humanities & Cultural Data Science  
University of Hong Kong (HKU)  
Invited Talk
- 2023      **“Not With a Bang But a Tweet”**  
The Lucy Family Institute for Data & Society  
Department of English  
Notre Dame (virtual)  
Invited Talk
- 2023      **“The Social Media Lives of Texts:  
Reception in the Age of the Internet”**

Digital Humanities Series  
Department of English  
Duke University  
Invited Talk

- 2023      **“Not with a Bang But a Tweet”**  
The Social Lives of Digitized Culture Research Cluster  
Information School  
University of Illinois Urbana Champaign  
Invited Talk
- 2023      **“Data and Culture: Understanding Culture Through Data  
While Protecting Culture From Data”**  
Colloquium  
Information School  
University of Texas  
Invited Talk
- 2023      **Post45 Graduate Symposium**  
Department of English  
University of Washington  
Faculty Participant
- 2022      **“Tweets of a Native Son”**  
“The Literature of Black Lives Matter,” led by Stephanie Li  
Department of English  
Washington University in St. Louis  
Guest Lecture
- 2022      **“BERT for Humanists and Social Scientists”**  
Bell Labs Seminars  
Cambridge University  
Invited Talk
- 2022      **“Not With a Bang But a Tweet”**  
“CSE 491: Data Science and Society Seminar,” led by Ben Marwick  
Capstone for Data Science Minor  
University of Washington (virtual)  
Guest Lecture
- 2022      **“Not With a Bang But a Tweet”**  
Treehouse Computational Linguistics Lab, led by Emily Bender  
University of Washington (virtual)  
Invited Talk
- 2022      **“Computational Approaches to Reading”**  
“Reading Culture” MLIS seminar, led by Jennifer Burek Pierce  
School of Library and Information Science

- University of Iowa (virtual)  
Guest Lecture
- 2022      **“Data as Culture”**  
“Cultural Analytics” graduate seminar,  
led by Stefano Leonardi and Carlos Castillo  
Sapienza University and Pompeu Fabra University (virtual)  
Invited Talk
- 2022      **“Not With a Bang But a Tweet”**  
Digital Humanities Lecture Series  
Department of Germanic Studies  
UT Austin (virtual)  
Invited Talk
- 2022      **“Social Annotation Strategies for Large Courses”**  
Hypothesis  
Invited Panelist (virtual)
- 2022      **“Data as Culture”**  
Women in Data Science Conference  
Claremont, California  
Keynote Address
- 2021      **“Teaching with the Twitter API”**  
Twitter for Academic Research (virtual)  
Invited Panelist
- 2021      **“Reflections on Python & Cultural Analytics”**  
“Data: A User’s Manual,” led by Cameron Blevins  
Department of History  
University of Colorado Denver (virtual)  
Guest Lecture
- 2021      **“Programming in the Humanities”**  
MIT Digital Humanities (virtual)  
Invited Talk
- 2021      **“Computational Approaches to Reading”**  
“History of Reading” MLIS seminar, led by Jennifer Burek Pierce  
School of Library and Information Science  
University of Iowa (virtual)  
Guest Lecture
- 2020      **“Tweets of a Native Son”**  
“Introduction to Digital Humanities” graduate seminar, led by John Ladd  
Northwestern University (virtual)



Guest Lecture

- 2019           **“Tweets of a Native Son”**  
“Hot Takes: Cultural Criticism in the Digital Age,” led by Phil Maciak  
Washing University in St. Louis  
Guest Lecture

## CONFERENCES, WORKSHOPS, & TUTORIALS

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- 2024           **“Responsible Datasets in Context: Teaching with Data and Emphasizing the Value of Historical Context”**  
Digital Humanities Conference 2024  
Washington, D.C.  
*Panel participant and organizer*
- 2024           **“Reinventions and Responsibilities in the Age of AI”**  
Digital Humanities Conference 2024  
Washington, D.C.
- 2024           **“Teaching Machine Learning in the Digital Humanities”**  
Digital Humanities Conference 2024  
Washington, D.C.
- 2024           **“What Does ChatGPT Know About Poetic Form?”**  
Modern Language Association (MLA) Convention 2024  
Philadelphia, PA
- 2023           **“What Do Readers Value? Manually Tagging and Quantitatively Measuring ‘Aspects’ in Goodreads Reviews”**  
Maria Antoniak, Yujia Gao, Melanie Walsh, David Mimno  
Poster at Text as Data (TADA)  
Amherst, MA
- 2023           **“Poetic Authorship in the Digital Age: Rupi Kaur, Instagram, and Performing Authenticity in Public”**  
American Studies Association Conference 2023  
Montreal, Canada
- 2023           **“David Foster Wallace Bros on Reddit”**  
Association for the Study of the Arts of the Present (ASAP)  
Seattle, WA
- 2023           **“Rupi Kaur and Reception Data”**  
Association for the Study of the Arts of the Present (ASAP)  
Seattle, WA

- 2023      **“Large Language Models for FAccT Researchers”**  
FAccT  
With Maria Antoniak, Luca Soldaini, Matthew Wilkins, David Mimno  
Chicago, IL
- 2023      **“Collections as Data: State of the Field and Future Directions”**  
*Collections as Data: Part to Whole*, Mellon-funded initiative  
Vancouver, Canada
- 2022      **“Toward a Critical Data Pedagogy: American Studies Perspectives in  
the Digital Humanities Classroom”**  
American Studies Association Conference 2022  
New Orleans, LA
- 2022      **“Online Readership and Perception of Genre Over Time”**  
Digital Humanities Conference 2022  
Virtual
- 2022      **“Computational Reception and Readership Studies”**  
The Society for the History of Authorship, Reading and Publishing (SHARP)  
Conference  
Amsterdam, Netherlands
- 2022      **“BERT for Humanists & Social Scientists:  
Applying Large Language Models to Social Media Data”**  
Tutorials at the 16th International AAAI Conference on Web and Social  
Media  
Atlanta, GA
- 2021      **“Multilingual NLP as Interface”**  
Digital Research Infrastructure for the Arts and Humanities (DARIAH)  
Conference  
Virtual
- 2021      **“Social Textworking: Books, Readers, and Online Media”**  
The Society for the History of Authorship, Reading and Publishing (SHARP)  
Conference  
Virtual
- 2021      **“Computational Approaches to Book Reviews”**  
Association for Computers and Humanities (ACH) Conference  
Virtual
- 2021      **“BERT for Humanists: Uses, Challenges, Translations”**  
Association for Computers and Humanities (ACH) Conference  
Virtual

- 2021      **“Library Circulation Histories Workshop”**  
Discussant  
National Endowment for the Humanities Workshop  
Virtual
- 2021      **“New Histories of Quantitative  
and Computational Methods”**  
Modern Language Association (MLA) Annual Convention  
Toronto, Canada (virtual)
- 2020      **“The Crowdsourced ‘Classics’ and the Revealing  
Limits of Goodreads Data”**  
Digital Humanities Conference 2020  
Ottawa, Canada (virtual)
- 2019      **“Documenting Twitter Protest”**  
American Studies Association Conference  
Honolulu, HI
- 2019      **“Working with Twitter Data”**  
Day of Data – Cornell University Library  
Ithaca, NY
- 2019      **“The Crowdsourced ‘Classics’”**  
Association for the Study of the Arts of the Present (ASAP)  
College Park, MD
- 2019      **“New Horizons in Network Analysis”**  
Co-Organizer and Presenter  
Association for Computers and Humanities (ACH) Conference  
Pittsburgh, PA
- 2019      **“Mapping the Librotraficante Movement”**  
Global DH Symposium  
East Lansing, MI
- 2019      **“Between Readers: A Short Methodological  
History of Networked Reading”**  
Modern Language Association Annual Convention  
Chicago, IL
- 2018      **“James Baldwin, #BlackLivesMatter,  
and Networks of Textual Recirculation”**  
Digital Humanities Conference 2018  
Mexico City, Mexico
- 2018      **“Kurt Vonnegut Unstuck in Time for \$1.99:  
Amazon Kindle Worlds and the Readerly**

- Reimagination of Postwar American Fiction”**  
 Post45 Graduate Symposium  
 New Haven, CT
- 2017      **“Stories of Dissent: Rereading #Ferguson”**  
 Panel Organizer and Presenter  
 American Studies Association Conference  
 Chicago, IL
- 2017      **“Access”**  
 Discussant  
 Text Mining the Novel (Novel™) Workshop  
 Montreal, Canada
- 2017      **“Cultural Analytics”**  
 Discussant  
 Computational and Data-Intensive Cultural Studies Symposium  
 South Bend, IN
- 2017      **“Geospatial Workshop”**  
 Participant  
 Text Mining the Novel (Novel™) Workshop  
 South Bend, IN
- 2017      **“James Baldwin’s New Media Readers”**  
 Global Digital Humanities Symposium  
 East Lansing, MI
- 2017      **“Archives Unleashed”**  
 Participant  
 Web Archiving Workshop for Researchers  
 Internet Archive, San Francisco, CA
- 2017      **“Tweets of a Native Son: James Baldwin  
 and the Literary-Critical Use of a Social Media Archive”**  
 Midwest Modern Language Association  
 St. Louis, MO

## TEACHING

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### Courses Taught as Primary Instructor

SP 2020, SP 2021  
 AU 2022, SP 2023

**INFO 498A: Introduction to Cultural Analytics:  
 Data, Computation, & Culture**

Cornell University, Information Science / American Studies / English

University of Washington, Information School

This course prepares students to analyze, interpret, and visualize cultural data—such as books, movies, and tweets—with computational methods. After a basic introduction to the programming language Python, we cover topics such as web scraping, text mining, network analysis, and mapping. We survey and discuss how these computational tools are applied in humanistic research. We also reflect on the specific problems, challenges, and ethical dilemmas posed by the computational study of culture. This course was specifically designed for students in the humanities who have no previous programming background.

SP 2022, AU 2022  
SP 2023, AU 2023  
SP 2024

**LIS 572: Introduction to Data Science (MLIS Program)**

University of Washington, Information School

This graduate-level course offers students with little to no technical background a solid grasp of basic data science methods, techniques, and challenges, as well as an introduction to the programming language R. Students also engage with ethical questions related to data science in research and the world at large. Specific focus is given to applications of data science in academia and library science.

WI 2022, SP 2022  
WI 2023

**INFO 201: Foundational Skills for Data Science**

University of Washington, Information School

This course introduces fundamental tools, technologies, and skills necessary to transform data into knowledge, including the manipulation, analysis, and visualization of data, as well as version control and the programming language R. Students learn to work with real data and reflect on the power and peril of data in the world at large.

AU 2021, WI 2022  
AU 2022, WI 2023

**INFO 350: Information Ethics & Policy**

University of Washington, Information School

This course examines ethics and policy issues surrounding information technologies, systems, and industries. We emphasize in particular the social, cultural, and political dimensions of these issues. We discuss topics including privacy, intellectual property, online speech, misinformation, algorithmic inequality, and the environmental consequences of information technology. By the end of the course, students are able to critically analyze information

issues and develop a project that makes a demonstrable impact beyond the classroom.

Course website: <https://melaniewalsh.github.io/Intro-Cultural-Analytics/>

SP 2018

**Humanities by the Numbers:  
Essential Readings in the Digital Humanities**

Co-taught with Professor Matt Erlin  
Washington University in St. Louis, Comparative Literature /  
Interdisciplinary Project in the Humanities

This graduate-level seminar introduced doctoral students to current discussions and debates in the digital humanities. Through a weekly hands-on technical lab, we also introduced digital tools for text mining, network analysis, data visualization, and geospatial mapping.

AU 2017

**American Fiction in the Social Media Age**

Washington University in St. Louis, English

This advanced undergraduate course explored how twenty-first-century American writers represent and incorporate forms of new media, mostly focusing on the novel but also considering works that experiment with new media platforms and expand our sense of what literature is and can be. We examined the evolving shape of contemporary American fiction by reading both established writers and new emerging voices — Ruth Ozeki, Jonathan Franzen, Ben Lerner, Chimamanda Adichie — and by considering novels published by major publishing houses as well as self-published novels and Twitter fiction.

Course website: [www.AFSMA17.com](http://www.AFSMA17.com)

AU 2015, SP 2016

**College Writing 1**

Washington University in St. Louis, College Writing Program

This introductory writing course for freshmen helped students find their writerly voice and prepared them to enter conversations in a wide range of disciplines with confidence and clarity. We covered a broad spectrum of reading material that ranged from James Baldwin's *Notes of a Native Son* to academic research about anti-aging science. We tackled an equally broad number of writing genres that ranged from personal essays to a cumulative final research project. Together we learned to analyze texts, ask meaningful questions, conduct research, cite responsibly, and build complex arguments.

**Courses in Development**

WI 2025

## AI, Text Reuse, & the Art of Stealing

University of Washington, Textual Studies and English (to be cross-listed)

This course explores the various ways that texts have been reused throughout literary history, including allusion, quotation, remix, parody, and plagiarism. We will examine the concept of “text reuse” through both qualitative methods, such as the comparison of two poems through close reading, and quantitative methods, such as the computational analysis of similarity across a corpus of texts. The motivating framework and methodological approach of the course are both inspired by recent advances in artificial intelligence and natural language processing (NLP). Large language models (LLM) like ChatGPT, which can now generate texts in a wide range of styles and genres, have sparked intense public debates about art and intellectual property, authorship and originality, and the way we value human creativity. We aim to contextualize these important cultural questions and conversations by exploring a longer history of text reuse in literature, ranging from famously allusive poetry like T.S. Eliot’s *The Waste Land*, to postmodern avant-garde works like Theresa Hak Kyung Cha’s *Dictée*, and ephemeral texts like nineties Riot grrrl zines. We will also contextualize the technologies that have mediated these textual expressions, from letterpresses to photocopiers, from word processors to social media and AI.

### Courses Taught as Teaching Assistant

2016

#### American Fiction From 1945 to the Present

Washington University in St. Louis, English Department  
Teaching Assistant with Professor Long Le-Khac

This advanced undergraduate course surveyed American fiction from 1945 to the present with special emphasis on how a rapidly diversifying U.S. gave voice to gendered, classed, and racialized groups that were struggling for inclusion. As teaching assistant, I lectured on Ralph Ellison’s *Invisible Man*, Vladimir Nabokov’s *Lolita*, Ishmael Reed’s *Mumbo Jumbo*, and Junot Diaz’s *The Brief Wondrous Life of Oscar Wao*. I also graded student papers and held weekly office hours.

### External Teaching

2022

#### “Working with Twitter Data”

The Text Analysis Pedagogy (TAP) Institute  
JSTOR Labs  
June 2022

This workshop prepared students to collect, analyze, and visualize Twitter data. Students will learn how to work with the Twitter API and with the Python library *tvarc*, one of the most popular tools for Twitter data. We will also introduce basic text analysis methods that are appropriate for short documents like tweets. Participants who are eligible for the Academic Research Track of the Twitter API will have the opportunity to work with the entire historical archive of tweets (2006-2022).

2021 **“Pandas for Data Analysis”**

The Text Analysis Pedagogy (TAP) Institute  
JSTOR Labs  
June 2021

This workshop introduced students to a popular Python package known as Pandas, a tool for data analysis and manipulation that is widely used among data scientists. Participants learned how to work with CSV files and JSON files, how to filter and aggregate data, how to make bar charts and time series plots, how to merge datasets with common values, and more. All case studies and examples featured data relevant to the humanities, including library circulation data.

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## EXTERNAL SERVICE

- 2024-Present ***Computational Humanities Research journal***  
\*Peer-reviewed journal focused on computational humanities research  
Advisory Board
- 2022-Present **Post45 Data Collective**  
\*Peer-reviewed, open-access repository for post-1945 literary/cultural data  
Emory’s Center for Digital Scholarship  
Co-Editor
- 2020-2021 **Post45 Data Collective**  
\*Peer-reviewed, open-access repository for post-1945 literary/cultural data  
Emory’s Center for Digital Scholarship  
Editorial Board
- Summer 2020 **Research Experience for Undergraduates,  
National Science Foundation**  
Cornell University  
Faculty Mentor

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## INTERNAL SERVICE

- 2024-Present **Center for Advances in Libraries, Museums, and Archives (CALMA),  
Executive Council**



- Information School  
University of Washington  
Member
- 2023-present     **Humanities Data Science Summer Institute**  
Data Science Minor  
University of Washington  
Co-Founder and Steering Committee Member
- 2023-2024     **Center for Advances in Libraries, Museums, and Archives (CALMA),  
Task Force**  
Information School  
University of Washington  
Member
- 2023-present     **MLIS Program Committee**  
Information School  
University of Washington  
Member
- 2021-2023     **Peer Teaching Committee**  
Information School  
University of Washington  
Member
- 2022-2023     **Communications Review Board**  
Information School  
University of Washington  
Member
- 2022     **Social Justice & Social Impact  
Capstone Award — Judging Panel**  
Information School  
University of Washington  
Member
- 2021-Present     **Textual Studies Program**  
University of Washington  
Core Faculty
- 2020-2021     **Cornell Data Journal**  
Cornell University  
Faculty Advisor
- 2019-Present     **Digital Humanities Club**  
Cornell University  
Faculty Advisor

- 2018            **Redesigning Doctoral Education,  
Curriculum Innovation Committee**  
Center for the Humanities  
Washington University in St. Louis  
Member
- 2017-2018      **Digital Humanities Drop-in Clinic for Graduate Students**  
Humanities Digital Workshop  
Washington University in St. Louis  
Founder and Consultant
- 2017-2018      **Graduate Advisory Panel**  
English Department  
Washington University in St. Louis  
Convener
- 2015-2018      **Digital Approaches Reading Group**  
Washington University in St. Louis  
Co-founder and Co-convener
- 2017            **“Responsible Teaching Under a Trump Administration”**  
English Department  
Washington University in St. Louis  
Co-coordinator
- 2016            **Faculty Search Committee,  
Assistant Professor in English Literature  
with Specialty in Computational Approaches**  
English Department  
Washington University in St. Louis  
Member
- 2014-2016      **Peer Mentor**  
English Department  
Washington University in St. Louis

## TECHNICAL SKILLS

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### **Python**

*Programming language*

- ❖ data analysis with **pandas**
- ❖ natural language processing with **spaCy**
- ❖ web scraping with **BeautifulSoup** and **Selenium**
- ❖ quantitative network analysis with **networkX**

### **R**

*Programming language*

- ❖ data analysis with **dplyr**
- ❖ natural language processing with **tidytext**

## **JavaScript**

*Programming language*

### **Website development and maintenance:**

- ❖ raw HTML & CSS
- ❖ static-site generators, e.g., Jekyll
- ❖ content management systems, e.g., WordPress

### **Software packages:**

- ❖ network analysis and visualization with **Gephi**
- ❖ data visualization with **Tableau**
- ❖ mapping with **QGIS**
- ❖ data cleanup with **OpenRefine**
- ❖ graphic design with **Adobe Photoshop** and **Adobe Illustrator**

## **LANGUAGES**

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**Spanish**, Advanced reading and writing, basic speaking