

# GRANT GLASS

## EDUCATION

Ph.D. English and Comparative Literature. University of North Carolina at Chapel Hill, May 2024.  
Graduate Certificate in Digital Humanities, Department of American Studies, May 2020.  
Graduate Certificate in Computational Linguistics, Department of Linguistics, Computer Science, and Information Science, May 2021.

M.A. Digital Humanities, with Merit. King's College London (U.K.), Jan. 2016.

B.A. Literature, with Honors. Harvard University Extension (Cambridge, MA), May 2013.  
Attended the Graduate School of Arts and Sciences, Harvard University (Cambridge, MA), 2012-2013.  
Special Student Status studying English literature.

## SELCTED EXPERIENCE

**NetApp** – RTP, NC 2022-Present

### **Data Scientist, Content Digital Science**

- Leading a new content science discipline within NetApp that leverages data science and humanistic methodologies to analyze technical documentation.
- Leveraged a variety of different machine learning, statistical, and algorithmic methods to provide insights into key business metrics.

**University of North Carolina** – Chapel Hill, NC 2015-present

### **Teaching and Research Fellow, English and Comparative Literature (2015-2023)**

- Led computational literary studies at UNC through workshops, research groups, talks, and grants.
- Taught a variety of courses across English, Anthropology, Information Studies, and Health Sciences.

**Apple** – Chestnut Hill, MA; London, UK; Boulder, Co 2012-2015

### **Manager (Jan 2012-Aug 2014)**

- Led a team of 15-20 technicians and 60 salespeople while driving operational excellence.
- Wrote and published educational content for repair strategy, onboarding, and updated support articles.
- Implemented market wide expert program and workforce management training.

### **Associate (Sept 2014-Oct 2015)**

**Project Manager** – Chapel Hill, NC; Durham, NC 2015-Present

### **William Blake Archive and Bass Connections**

- Managed the William Blake Archive's development and publication processes.
- Co-directed a variety of Bass Connection projects at Duke University, all focused on leveraging machine learning technics to provide insights into humanistic texts and data.

## PUBLICATIONS

### *Peer-reviewed articles*

"Died a Small Boy": Re-Centering the Human in Geospatial Data from the Middle Passage", *Archipelagos*, vol. 7, Columbia University Libraries, May 2023.

"After Latinidad: Reimagining Latino Identity in the Works of Junot Díaz." URJHS: Undergraduate Research Journal for the Human Sciences. Vol. 12, 2013.

“Disruptive Reading: Resistance to Digitalization in Laurence Stern’s *Tristram Shandy* and Jonathan Safran Foer’s *Tree of Codes*.” University of California Berkeley Comparative Literature Journal. Vol. 4 Issue 3, 2013.

### **Book Chapters**

“Chapter 5: Digital Literacy” Tar Heel Writing Guide 2017-2019. University of North Carolina at Chapel Hill. 2017.

### **Digital Essays**

“ON THE BOOKS: JIM CROW AND ALGORITHMS OF RESISTANCE” <https://onthebooks.lib.unc.edu>

“Blake’s Canterbury Pilgrims” January 1<sup>st</sup>, 2019. <http://www.blakearchive.org/exhibit/canterburypilgrims>

### **White Papers**

“Rethinking the Traditional Dissertation” NEH White Paper. 2016.

## **SELECTED HONORS AND AWARDS**

### **Fellowships**

Rhodes Data Initiative Bass Connections Graduate Fellowship Duke University. \$17,500, 2022.  
 Data Expedition Fellowship, Information Initiative, Department of Math, Duke University. 2019.  
 Digital Literacy Fellowship Carolina Digital Humanities Initiative, UNC-CH. 2018.  
 Digital Research and Dissertation Fellowship, Carolina Digital Humanities Initiative, UNC-CH. 2017.  
 Migrations Lab Graduate Fellow, Migrations Lab, Dept. of English, Duke University. 2017 and 2018.  
 Fellow, Ph.D. Lab in Digital Knowledge, Franklin Center for Humanities, Duke University. 2015-2016.  
 Digital Humanities Recruitment Fellowship, Dept. of English and Comparative Lit., UNC-CH. 2015-2016.  
 Hanner Fellowship, Dept. of English and Comparative Lit., UNC-CH. \$17,500, 2015-2016

### **Awards**

Award for Service to the Department by a Graduate Student, UNC-CH. 2021.  
 Tanner Award for Excellence in Undergraduate Teaching Office of Provost, UNC-CH. 2020.  
 C.S. Herschel Award for Course Design, Digital Humanities, University Writing Program, UNC-CH, 2019.  
 Student Undergraduate Teaching Award, Office of Chancellor, UNC-CH. 2019.  
 Professional Development Award Dept. of English and Comparative Lit., UNC-CH. 2019.  
 Department Travel Award, Dept. of English and Comparative Lit., UNC-CH. 2019.  
 UNC Graduate School Travel Award UNC-CH Graduate School, UNC-CH. 2019.  
 Professional Pathways Award, (HPG) Arts and Humanities Institute, UNC-CH, 2018.  
 Graduate Student Mentor Award, Office of Undergraduate Research, UNC-CH, 2018.  
 Syllabus of the Year-with Professor Jeanne Moskal, Office of Instructional Innovation, UNC-CH. 2018.  
 Student Opportunity Fund Award, College of Arts and Sciences, King’s College London. 2015.  
 Dean’s Outstanding Achievement Award, Harvard Extension School, Harvard University. 2013.  
 Independent Research Award, Harvard Extension School, Harvard University. 2013.  
 Voucher Award, Graduate School of Education, Harvard University. 2012.

### **Grants**

Story+ Project Grant Franklin Humanities Center, Duke University. \$11,500, 2019.  
 Data Plus Project Grant, Information Initiative, Duke University. \$17,500(x3), 2018, 2019, 2022.  
 Migrations Lab Project Continuation Grant, Migrations Lab, Dept. of English, Duke University. 2018.

Blake Archive Travel Fund, UNC-CH, 2018.

Project Grant, Humanities for the Public Good (HPG), Arts and Humanities Institute, UNC-CH, 2018.

Lenovo Instructional Innovation Grant with Dan Anderson, Center for Faculty Excellence, UNC-CH, 2018.

### **Scholarships**

AWS Machine Learning Scholarship, Udacity. 2020.

Director's Scholarship, Rare Books School, Univ. of Virginia. 2018.

DHSI Honorarium, Digital Humanities Summer Institute, Univ. of Victoria, 2018.

UNC/King's College Fund, The Institute for Arts and the Humanities, UNC-CH, 2018.

Delmas Scholar, Society for the History of Authorship, Reading and Publishing. 2017.

Digital Humanities Summer Institute Scholarship, Univ. of Victoria. \$1500, (1) 2018 (1) 2017, (2) 2016.

New Scholar Bursary, Canadian Digital Humanities Association (CSHN-SCHN). 2015.

### **CONFERENCES AND SEMINARS**

"Teaching the Rhetoric of Machine Learning Techniques." Paper. Computers and Writing. June 2023.

"An Adaptive Methodology: Machine Learning and Literary Adaptation", paper. Digital Humanities (Tokyo) 2022. July 2022.

"Rewriting the Narrative of Empire: *The Female American* and the Politics of Mobility." Paper. American Society of Eighteenth-Century Studies. Online. March 2021.

"Using Machine Learning to Identify Adaptation." Presentation, ACH Digital Project Showcase. Modern Language Association. Online. January 2021.

"Pirating Texts: Tracking the Publication of *Robinson Crusoe* From Abridgments to Adaptations." Paper. Defoe Society. Biennial Meeting. York, UK, July 2019.

"#SilentSam and the Rhetoric of Protest" Panel. Dialogues 2.0, Communication, Rhetoric, and Digital Media Program. NCSU, March 2019.

"1719 and the 'Rise' of the Novel" Paper. American Society of Eighteenth-Century Studies. Annual Conference. Denver, Co, March 2019.

"Digital Humanities is No Object" Paper. Modern Language Association. Annual Conference. Chicago, Illinois, January 2019.

"Machine Learning Algorithms and Social Justice" Paper. Modern Language Association. Annual Conference. Chicago, Illinois, January 2019.

"Using the William Blake Archive" Paper. Digital Humanities Summer Institute. Department of English, University of Victoria. Victoria, Canada, June 2018.

"Hashing It Out: Twitter and Protest" Paper. Computers and Writing Conference. George-Mason University. Fairfax, Virginia, May 2018.

"Memorializing Migration" Paper. Fellows Symposium. Department of English, Duke University. Durham, NC, May 2018.

"Memorializing Migration" Paper. Works-in-Progress Symposium. Department of English, Duke University. Durham, NC, February 2018.

"Lost Islands: Using *Robinson Crusoe* to Understand Literary Production." Panel: organizer and paper. Society for the History of Authorship, Reading and Publishing Conference. Victoria, Canada, June 2017

"Technologies of Circulation and Remaking Texts." Panel: chair. Society for the History of Authorship, Reading and Publishing Conference. Victoria, Canada, June 2017

"Robinson Reloaded: Pastoral, Comedy, and Remembrance." Panel: chair. British Women Writers Conference. Chapel Hill, NC, June 2017.

"Digital Generations of 18th- & 19th-Century British Women Writers." Panel: organizer and paper. British Women

- Writers Conference. Chapel Hill, NC, June 2017.
- “Digital Literacy is. . . .” Panel: organizer and paper. Computers and Writing Conference. Findlay, Ohio, May 2017.
- “Understanding Critical Theory’s Role in Digital Humanities” Paper. Digital Humanities Summer Institute Colloquium. Victoria, Canada, June 2016.
- “Data and Digital Pedagogy.” Panel: organizer and paper. Humanities, Arts, Science, and Technology Alliance and Collaboratory Conference. Tempe, Az, May 2016.
- “Affect and Old-Age: A Twitter Study” Poster. Humanities, Arts, Science, and Technology Alliance and Collaboratory Conference. Tempe, Az, May 2016.
- “Remixing Emblem Books.” Paper. Old and New Humanism(s) Conference. Medieval and Early Modern Society. Chapel Hill, NC, May 2016.
- “Darwin’s Mind: A Study in Transition Between Diary and Narrative.” Paper. Critical Invention: Media, Engagement, Practice Conference. Raleigh, NC, March 2016.
- “Four Words: The Role of Theory in Digital Humanities.” Paper. Margins: Rhetoric and Place in the Digital Now Conference. Clemson, SC, January 2016.
- “Quantum Digital Humanities.” Paper. Joint ACH and CSHN/SCHN Digital Humanities Conference 2015. Ottawa, CA, June 2015.
- “Lost Context: Borders in the Lyons 1549 Guillaume Rouillé edition of Andrea Alciato’s *Emblemata*.” Paper. King’s College Digital Humanities Conference. London, UK, May 2015.
- “Revolutionizing the Cannon: A Conversation within Digital Humanities.” Paper. Blue Skies Above, Solid Ground Below: Early Career Digital Humanities Conference 2015. London, UK, April 2015.
- “Mind Games: A cognitive approach to narrative in video games.” Paper. Northeast Modern Language Association Convention 2014. Boston, MA, December 2014.

### INVITED TALKS

- “On the Books: Jim Crow and Algorithms of Resistance” Guest Speaker. UNC-CH Research Festival 2021.
- “Computation into Criticism: Merging Literary Theory and Data Science” Guest Lecture. Duke Rhodes Information Initiative. Duke University April 2020.
- “Project Management” Guest Talk. Bass Connections Symposium. Duke University, September 2019.
- “Graduate School Orientation: Navigating Challenges, Utilizing Resources, and Seeking Opportunities” Guest Panel. University of North Carolina, Chapel Hill, August 2019.
- “Digital Humanities and the Public Humanities” Guest Talk. Humanities for the Public Good. University of North Carolina, Chapel Hill, March 2019.
- “Research Questions and Distant Reading” Guest Talk. University of North Carolina, Chapel Hill, February 2019.
- “Omeka and Metadata” Guest Lecture, Irish Revolutions. University of North Carolina, Chapel Hill, September 2018.
- “Using Film in the Classroom.” Workshop, Digital Literacy and Communication Lab, University of North Carolina, Chapel Hill, October 2018.
- “Adaptation and *Suspira*” Guest Talk, DLC Podcast. University of North Carolina, Chapel Hill, October 2018.
- “Property.” Guest Lecture, Plantation Lullabies. University of North Carolina, Chapel Hill, March 2018.
- “The Politics of Spring Break.” Guest Talk, Digital Innovation Lab Podcast. University of North Carolina, Chapel Hill, March 2018.
- “Critical Visualization Studies.” Guest Lecture, Data as Rhetoric. University of North Carolina, Chapel Hill, February 2018.
- “The many editions of Frankenstein.” Rare Book Library. University of North Carolina, Chapel Hill, January 2018.
- “Teaching with Digital Humanities and the Blake Archive.” Presentation, AFIT: Annual Fall Institute for Teaching. University of North Carolina, Chapel Hill, August 2017.

“Distant Reading.” Guest Lecture, Technologies of Literary Production. University of North Carolina, Chapel Hill, March 2017.

“Textual Analysis.” Workshop, Digital Innovation Lab. University of North Carolina, Chapel Hill, February 2017.

“Using Twitter Data.” Presentation, UNC Library Data Festival. University of North Carolina, Chapel Hill, January 2017.

“What is Digital Humanities?” Guest Lecture, Introduction to Composition and Rhetoric. University of North Carolina, Chapel Hill, November 2015.

## SERVICE

Co-Director, Digital Literacy and Communications Lab. Department of English and Comparative Literature, UNC-CH. 2019-2022.

Graduate Assistant, “On the Books: Jim Crow and Algorithms of Resistance”. 2020-2021.

Elected Member, Modern Language Association Delegate. Digital Humanities Division, 2016-2019.

Elected Chair. Boundaries of Literature Symposium, Department of English and Comparative Literature, UNC-CH. 2017-2019.

Co-organizer, Transforming Inquiry through Digital Text Analysis, Carolina Seminar, UNC-CH. 2017-2019.

Co-organizer, Joint Duke and UNC Digital Humanities Reading Group. 2018-present.

Member, 18<sup>th</sup> Century Reading Group, Duke University. 2016-present.

Graduate Student Mentor, Department of English and Comparative Literature, UNC-CH. 2016-2019.

Graduate Mentor, Duke Datathon, Duke University. 2018 and 2019.

HASTAC Scholar, Duke University and CUNY. 2015-2020.

## COURSES TAUGHT

### As instructor of Record

English 105: Introduction to Composition and Rhetoric (F16, S17): <https://english105fall2016.web.unc.edu/>  
<https://english105spring2017.web.unc.edu/>

English 105i (Interdisciplinary): Writing in Business (F17): <https://writinginbusinessf17.web.unc.edu/>

English 105i (Interdisciplinary): Writing in the Digital Humanities (S18):  
<https://writingindh2018.web.unc.edu/>

English 123: Introduction to Fiction (F18):  
<https://introtofictionf18.web.unc.edu>

English 105i (Interdisciplinary): Writing in the Digital Humanities (S19):  
<http://writingindhs19.web.unc.edu>

English 105i (Interdisciplinary): Writing in the Digital Humanities (F19):  
<http://writingindhf19.web.unc.edu>

Anthropology 272/English 264: Healing in Ethnography and Literature (S20):  
<https://anth272engl264.web.unc.edu>

English 149: Multimodal Composition: “Copywrong: Fan Fiction and the Internet” (Sum20):  
<https://engl149summer2020.web.unc.edu>

English 119: Picture This: Principles of Visual Rhetoric (Experimental Google Classroom) (F20):  
<https://classroom.google.com/c/MTQyNDU2OTIzNTY0?cjc=pftnekn>

English 149: Multimodal Composition: “Sample and Remix” (Sum21):  
<https://tarheels.live/engl149s21/>

English 142: Film Analysis (F21):  
<https://tarheels.live/engl142f21/>

English 105: Game Writing (S22):

<https://tarheels.live/engl105game/>

English 114: The Rhetoric of Data (Sum23):

<https://uncch.instructure.com/courses/29591>

English 105: English Composition and Rhetoric Special Topic, “Writing and AI”

<https://tarheels.live/engl105ai/>

### **Graduate Research Assistant**

Women’s and Gender Studies 64: Plantation Lullabies (S18)

English 318: Multimodal Composition--Data as Rhetoric (S18)

English 295H: Undergraduate Research Seminar—Reconstructing Frankenstein’s Monster (S18)

English 98: Irish Revolutions (F18)

English 323: Rhetoric and Digital Humanities (F18)

English 482: Rhetoric of Digital Humanities (S20, S22)

English 190: The Data of Rhetoric (F21)

### **Course Consultant**

PLAN 769: Housing and Community Development Planning and Politics (F18)

### **Digital Humanities Institute**

DATA, CULTURE, AND SOCIETY WORKSHOP SERIES <https://tarheels.live/dcsworkshop/>, 2022.

Text Analysis Pedagogy: <http://labs.jstor.org/tapi/>

Courses:

Large Language Models and Embeddings for Retrieval Augmented Generation (RAG), 2024

Machine Learning for Humanists, 2020, 2021.

Digital Humanities Summer Institute, Univ. of Victoria:

Course: Developing a Digital Project (With Omeka), 2018

Short Workshop: Working with Social Media Data, 2018.

Digital Humanities Institute, City University of New York:

Workshop: Access to Technology and Pedagogical Approaches to Scaffold Student DH (At Duke University), 2019.

Digital Humanities Institute, Univ. of North Carolina at Chapel Hill:

Course: Introduction to Scalar. May 2019.

### **Professional Development**

Microsoft Certified: Azure AI Engineer Associate, Microsoft, 2024.

Innovation Leaders Program, North Carolina State Executive Education, 2024.

Google Analytics Individual Qualification, Google, 2022.

Applying Generative Adversarial Networks (GANs) Specialization, Deep Learning AI, 2022.

Python, Bash and SQL Essentials for Data Engineering Specialization, Duke University, 2022.

Natural Language Processing, Machine Learning, Programing and Data Analyst Nanodegrees, Udacity. 2020.

Digital Project Management and Digital Pedagogy Certifications, Carolina Digital Humanities. 2019.

Introduction to Descriptive Bibliography, Rare Books School, University of Virginia. 2019.

BEAM: Maker Space Training (Laser Cutting, Wood Working, Vinyl Cutter, 3D Printer), UNC-Chapel Hill. 2018.

APIs WITH PYTHON, Digital Humanities Summer Institute, University of Victoria. 2018.

Course Design Institute, Center for Faculty Excellence, UNC-Chapel Hill. 2017.

Digital Games as Interactive Tools for Scholarly Research, Communication, and Pedagogy, Digital Humanities Summer Institute, University of Victoria. 2017.

Using Apache Spark on large datasets, Digital Humanities Summer Institute, University of Victoria. 2017

Cloud powering DH Research, Digital Humanities Summer Institute, University of Victoria. 2016.

Understanding Topic Models, Digital Humanities Summer Institute, University of Victoria. 2016.

Data Wrangling Workshop, UNC Libraries, UNC-Chapel Hill. 2016.