



TEXAS A&M  
Institute of  
Data Science

# Texas A&M Institute of Data Science Seminar Series

## Machine Learning / Natural Language Processing Experts Needed: How Do We Discover Emerging Gender Categories in 90 Volumes of Tagged Text?

Our digital project *The Feminist Controversy in England, or Emerging Genders*, is a cultural analytics and data visualization project which focuses on essays and novels about women's education from 1788 to 1810. *The Feminist Controversy* seeks to postulate non-binary gender terms that have been derived from the texts themselves and demonstrate how this procedure offers an alternative method for historicizing gender during the late 18th and early 19th centuries. We are seeking experts of Machine Learning and/or Natural Language Processing to assist us in furthering our goals for this digital project.

**Laura Mandell, Bryan Tarpley,  
and Kayley Hart**

Center of Digital Humanities Research  
Texas A&M University

**Date:** Monday, February 07, 2022  
**Time:** 1:50 – 2:40 p.m. US Central Time  
**Zoom Meeting ID:** 998 4499 3279  
**Passcode:** 724615  
**Faculty host:** Yu Ding, TAMIDS

### Biographies



Dr. Laura Mandell is Director of of the Center of Digital Humanities Research and Professor of English at Texas A&M University. She spearheaded the Early Modern OCR project or “eMOP” (<http://emop.tamu.edu>), a project concerned with improving OCR for early modern and 18th-c. texts. Her current research on historical gender analysis is part of the SSHRC-funded “Text-Mining the Novel” project. The Center of Digital Humanities Research undertakes and supports many digital projects (<http://codhr.tamu.edu>) and hosts the Humanities Visualization Space (<http://hvs.tamu.edu>), featuring a large touchscreen (~5.5 feet tall, 16.5 feet wide). With so much high resolution screen real estate, researchers can visually explore large datasets without having to rely so much on aggregation and abstraction..



Dr. Bryan Tarpley is the Associate Research Scientist for Critical Infrastructure Studies at CoDHR. He holds a Bachelor's degree in Computer Science and a Ph.D. in English, and is interested in contemporary literature and theory.



Ms. Kayley Hart earned her MA in English from Texas A&M University in May 2021. She is the Program Coordinator for the Center of Digital Humanities Research and Project Manager of The Feminist Controversy in England.

You can also click this link to join the seminar <https://tamu.zoom.us/j/99844993279?pwd=TkJodWFVRURyMmkwakl4SWZGeVJTQT09>



Texas A&M Engineering  
Experiment Station

For more information about TAMIDS seminar series, please contact Ms. Jennifer South at [jsouth@tamu.edu](mailto:jsouth@tamu.edu)