

1125-D1-3071

**Cindy Traub\*** (ct@wustl.edu). *Playing Nice in the Math Sandbox: Mathematics in Support of Digital Humanities.*

How can a mathematician contribute to the understanding of the developing federal government in the late 1700s? Can network analysis contribute to a more cohesive computation of genre classification? How can one compare the rarity of words in early modern English printed text? Pedagogically, what is our duty as mathematicians in collaboration with humanists, in this age of open-source software and rapidly expanding black-box solutions that leave us all a few keystrokes away from performing complex computations? I will examine these questions in light of my experience as a mathematician turned embedded librarian in Washington University's Humanities Digital Workshop Summer program. I will give examples of successful collaborations with scholars in multiple humanities disciplines, as well as useful technological tools. These experiences may be of interest to faculty or students interested in building collaborations across disciplinary boundaries, or those seeking to design just-in-time workshop-based instruction to support a diverse set of learners. (Received September 20, 2016)