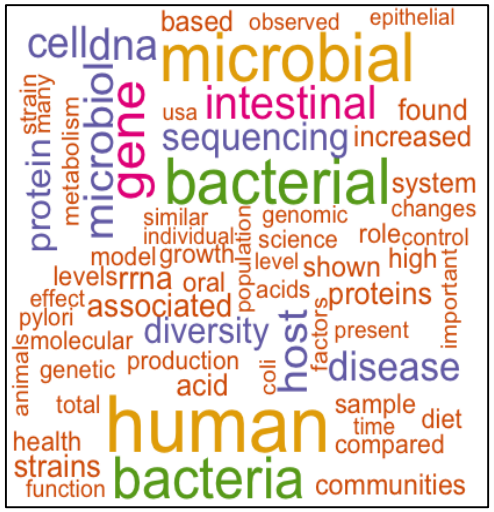
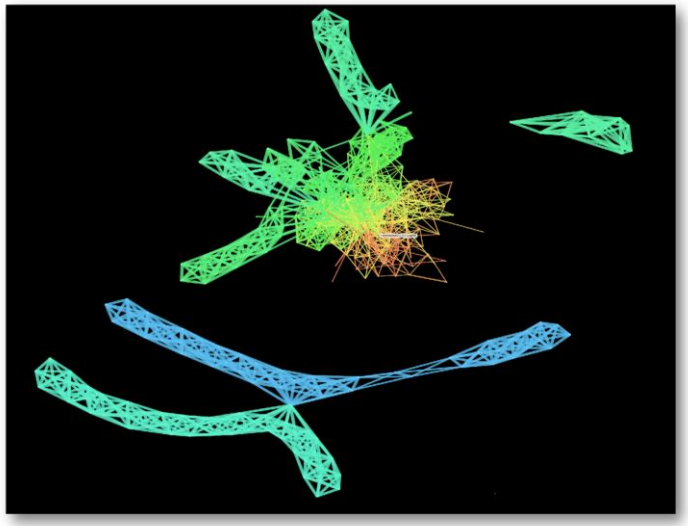
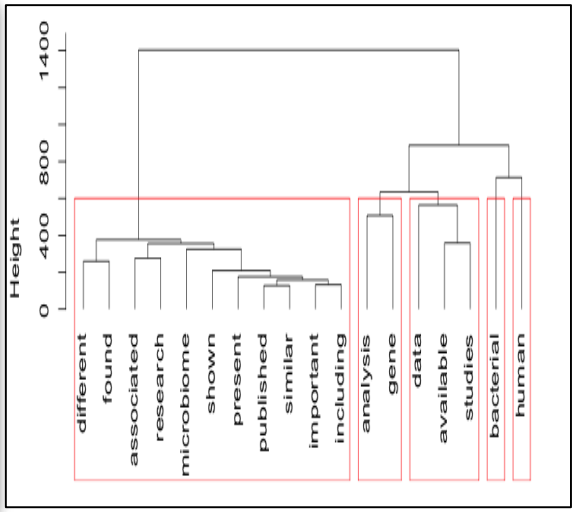
Laubichler Lab: The Data Mining and Analytics Team

ASU CENTER FOR BIOLOGY + SOCIETY
ARIZONA STATE UNIVERSITY

The Data Mining and Analytics Team focuses on extracting the dynamics of complex systems from real-world data. We build unique and innovative data systems that capture in unprecedented detail the processes that lead to important scientific innovation. Combining expertise in data wrangling, network science, and advanced statistical modeling, we push at the interdisciplinary boundaries of the life sciences, medicine, clinical research, data science, and digital humanities.







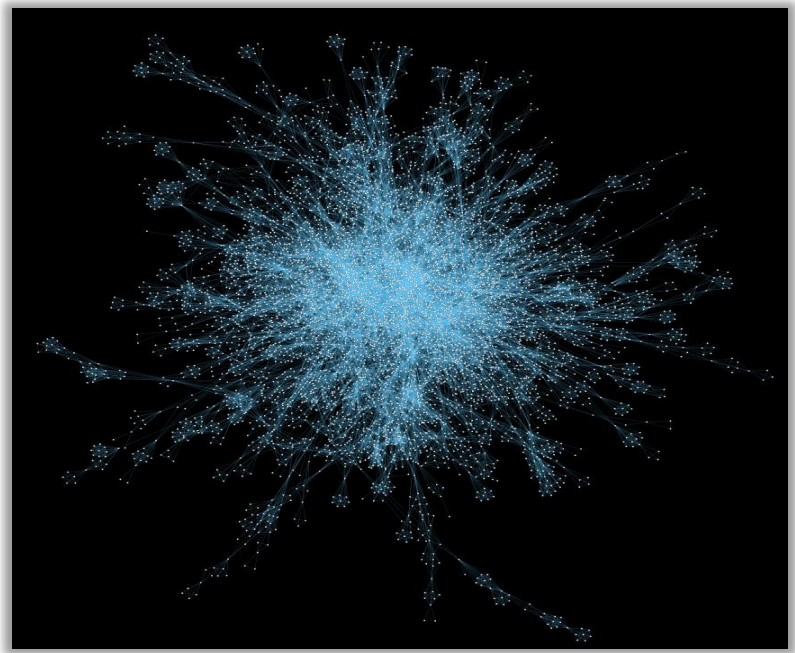
Data Researcher

We are searching for fearless critical thinkers interested in statistical analysis, modeling, and data analysis. Our unique culture requires both a passion and aptitude for learning new skills, protocols, and research methodologies.

The research assistant will perform a variety of tasks including but not limited to: descriptive statistics, exploratory data analysis (EDA), literature review, creating relational databases, and inferential statistics.

Essential Duties: (Specific day-to- day duties).
Perform research and data analytics, e.g. collecting data from various sources, disambiguation, statistical analysis, and visualization. Use methodology and open access software. Assist in development of software and research workflows. Participate in regular meetings. Opportunities for oral and written presentation of results.

Desired Qualifications:
Minimum
- A powerful intellectual curiosity and an overwhelming desire to conduct research
- 2+ years of undergraduate math classes or 2+ years of undergraduate statistics classes
- Ability to provide descriptive statistics on parametric and non-parametric datasets
- Excellent oral and written communication skills

Email: kaiello@asu.edu for more information
Opportunities to transition to paid position

Collaborators Include: SANTA FE INSTITUTE; MAX-PLANCK-GESELLSCHAFT; MAYO CLINIC