The Responsibility of Data in Reducing Education Inequality

Amelia McDonnell, ‘22.

Faculty Advisor: Professor David Karen, Social Justice and Social Change
Field Supervisor: Megan Richardson, Senior Project Manager, Division of Teaching & Learning

Background: The Division of Teaching and Learning (DTL) is housed within the Research and Evaluation Group at the Public Health Management Corporation. The DTL aims to address educational inequality through the improvement of preschool through postsecondary education. In undertaking this endeavor, the DTL partners with clients to conduct research that empowers community-based programs and informs policy.

Overarching Questions:
• How can statistics be utilized as a “science of social justice”?
• How can initiative-centric evaluations advance social justice?
• What are the barriers to scaling up initiatives to public policy?

This semester at PHMC I have:
• Supported mixed-methods educational research across different projects through data analysis.
• Assisted with the preparation of progress reports, data requests, needs assessments, and presentations.
• Learned techniques and strategies of analyzing and visualizing qualitative and quantitative data.