

Adam Hearn
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Education

Georgetown University

McCourt School of Public Policy, Master of Data Science for Public Policy
Activities and Societies: McCourt Student Ambassador

Washington, DC
May 2021 (Expected)

Rhodes College

Bachelor of Arts in Economics, minor in Computer Science
Concentration in Econometric and Statistical Methods

Memphis, TN
May 2019

Projects and Research

The Impact of Choice Architecture on Postsecondary STEM Enrollment: Evidence from an RCT

- This paper, first-authored by Dr. NaLette Brodnax, examines the course-enrollment decisions of over 4,000 students following a randomized controlled trial performed at a large, public, research university.

Analyzing the Effect of Collegiate Athletic Success on Admissions and Perceived Institutional Quality

- Winner of the 2019 Rhodes College Lynn Nettleton Prize in Economics, this paper uses fixed-effects regression models to study the symbiotic relationship of collegiate athletics and institutional research.

Data Mining in Track & Field: Using NCAA Track & Field Data to Predict Race Times

- Scraping data from a robust host of track & field results, this paper incorporates naïve Bayes models, decision tree induction, and regression models for professional and collegiate coaches to use as a guideline for performance.

Skills and Expertise

Stata, R (incl. Tidyverse), Python (incl. Pandas, Numpy, Scikit-Learn), C++, LaTeX, SQL, Git, Qualtrics, Tableau

Experience

Georgetown University, McCourt School of Public Policy

Research Assistant

Washington, DC
December 2019-Present

Under the guidance of Dr. NaLette Brodnax, I assist with various tasks (both quantitative and qualitative) to promote research in postsecondary education.

- Conducted literature reviews on a variety of RCT papers tested at the postsecondary institutional level.
- Using the package `dpLyr` in R, I wrangled raw, sensitive data into a format conducive for random effects regressions.
- Produced regression output tables in LaTeX for future publication in the Journal of Human Resources.

College Transitions, LLC

Research Associate

Charlotte, NC
May 2018-August 2019

College Transitions provides consulting in higher education admissions using quantitative methods to identify good-fit schools for prospective college-goers.

- Collected data from 350+ selective higher education institutions from their publicly-available Common Data Sets to expand upon College Transitions' Dataverse, and contacted Directors of Institutional Research to gather data on missing elements from the Common Data Set.
- Published tables using metrics from the Common Data Set, IPEDS, and the College Board.

State Higher Education Executive Officers Association (SHEEO)

Policy Fellow

Boulder, CO
June-August 2017, May-July 2018

Together with its members, SHEEO advances public policies and academic practices that enable Americans to attain education beyond high school and achieve success in the 21st century economy.

- Using Stata, I worked primarily with nationally available data (IPEDS) analyzing and calculating projections for a set of performance metrics at the state and sector levels of higher education.
- Built and analyzed state-wide datasets with both quantitative qualitative data to provide policy recommendations to each state's executive officer for higher education.
- Employed a dataset including metrics on enrollment, student outcomes, financial aid, and agency budgets, and facilitated making that database accessible at both the institutional and agency level.