Adam Hearn
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Education

Georgetown University	**Washington, DC**

McCourt School of Public Policy, Master of Data Science for Public Policy — May 2021 (Expected)
Activities and Societies: McCourt Student Ambassador

Rhodes College	**Memphis, TN**

Bachelor of Arts in Economics, minor in Computer Science — May 2019
Concentration in Econometric and Statistical Methods

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.

Isolating the Mechanisms Behind the Test-Optional Admissions Policy
- Using machine learning classification algorithms, this working paper reveals varying motives for four-year postsecondary institutions incorporating test-optional admissions policies.

Experience

American Institutes for Research	**Washington, DC**
Research Assistant – Administrative Data	May 2020-Present

The American Institutes for Research (AIR) is one of the leading behavioral and social science research organizations in the world.
- Provided support for a variety of projects related to data collection systems, including CDRC, CCD, and IPEDS
- Supported the drafting and review of NCES products such as data documentation, Data Points, and blogs.
- Supported qualitative research projects with institutions, districts, and schools.

Georgetown University, McCourt School of Public Policy	**Washington, DC**
Research Assistant	December 2019-May 2020

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	**Charlotte, NC**
Data Analyst	May 2018-Present

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)	**Boulder, CO**
Policy Fellow	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.

Skills and Expertise

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