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

An Empirical Study on the Test-Optional Admissions Policy
- Using a quasi-experimental approach and machine learning techniques, this working paper examines the post-implementation effects of the growing test-optional admissions policy on low income and minority enrollment.

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.

Experience

American Institutes for Research	**Washington, DC**
Research Associate Intern – 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.
- Working under IPEDS survey directors, provided support for a variety of projects related to the Integrated Postsecondary Education Data System.
- Supported the drafting and review of NCES products such as data documentation, Data Points, data visualizations, tweets, and blogs.
- Attended IPEDS Technical Review Panels and conducted literature reviews to assess and support potential survey items for upcoming data collection cycles.
- Conducted coronavirus-relevant research using IPEDS data to display the scope in which the data can be used for the advancement of higher-ed policy.
- Worked alongside the Higher Education Consortia (HEC) to assist with the rebranding of the Delaware Cost Study.

College Transitions	**Charlotte, NC**
Part-Time 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 the Common Data Set, LinkedIn, PayScale, and College Scorecard on approximately 200 metrics across 400 institutions to expand upon the College Transitions Dataverse and Colleges Worth your Money.
- Collected data on the undergraduate institutions of ~12,500 students currently enrolled at the nation's top-20 business, medical, and law schools by parsing HTML source code using Python and BeautifulSoup.
- Moved institution-level data from Peterson's College Data (Microsoft Access) to Stata, reshaping/reforming as necessary.

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

Under the guidance of Dr. NaLette Brodnax, I assisted 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.

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