

Charles Sanchez, Ph.D.

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EXPERIENCE

University of Georgia Carl Vinson Institute of Government

04/2025 – 10/2025

Research Associate [Short-Term Contract, Full-Time]

- Designed and conducted descriptive and inferential research on the University System of Georgia nursing student pipeline to investigate outcomes for two groups: students who matriculate intending to pursue nursing, and students denied admission into nursing programs.
- Cleaned and analyzed student-level USG administrative and National Student Clearinghouse data.
- Produced a research report for USG leadership, with recommendations for bolstering academic support for key pre-requisite nursing courses, study replicability, and improvements for systematizing the collection of nursing data across USG institutions.

U.S. Department of Education National Center for Education Statistics

07/2024 – 08/2025

Statistician (Associate Study Director, High School Longitudinal Studies)

- Assisted in planning, reviewing, reporting, and overseeing all work related to the award and oversight of ongoing longitudinal sample surveys of high school students.
- Coordinated actions between multiple contractors to ensure clear direction and adherence to project objectives and timelines.
- Provided technical assistance to NCES data users and members of the public, including reviewing proposals for use of restricted-use data.
- Performed statistical data analyses and disseminated findings for non-technical audiences.

Institute for Higher Education Policy

09/2022 – 07/2024

Research Analyst

- Served as project manager and lead analyst for a new portfolio of research exploring the role of higher education on exacerbating and/or ameliorating the racial wealth gap.
- Conducted quantitative research on various topics, including college affordability, return on investment, and served as a quality assurance check for research products.
- Led a team for an applied data analytics course helping institutional and state stakeholders interpret and use data to identify areas to close opportunity gaps.
- Responded to information and data requests from internal and external parties, including U.S. ED RFIs.

American Council on Education

09/2019 – 12/2021

Research Associate (09/2019 – 05/2021); Research Consultant (06/2021 – 12/2021)

- Performed quantitative data management and analysis, including data cleaning, generating descriptive statistics, analyzing complex probability-based sample data, and maintaining detailed syntax files for quality assurance and archiving purposes.
- Co-authored multiple research reports on the effects of COVID-19 on higher education.
- Conducted literature reviews and desk research in support of a variety of projects.

UGA Carl Vinson Institute of Government**09/2020 – 12/2021**

Graduate Research Assistant

- Supported research and technical projects as needed through conducting quantitative data analysis, creating training videos on QLIK data dashboard use, and performing quality checks on analytic products prepared for partner organizations.
- Prepared grant and conference proposals and presented data analytics work at conferences.
- Communicated project statuses and presented findings to various constituencies including members of the University System of Georgia, and client partners.
- Provided supervision and direction to graduate interns on assigned projects.

Georgia College Advising Corps**05/2017 – 06/2020**

Graduate Assistant

- Assisted the program director in running all aspects of the program including program development, training opportunities, tracking metrics, fundraising efforts, and staff management.
- Communicated with program partners including schools, districts, and national organization staff.
- Developed Tableau dashboards to measure KPI progress, integrating data from the Georgia SLDS, ED FSA FAFSA data center, and National Student Clearinghouse college-enrollment data.
- Coached and assisted advisers in developing strategies for meeting school-level KPIs.

UGA Center for Latino Achievement and Success in Education**08/2016 – 05/2017**

Graduate Research Assistant

- Performed data management and cleaning using Stata.
- Transcribed audio files of focus group meetings for teachers participating in an IES funded RCT.
- Proof-read and provided edits and revisions to book chapters and journal article galley proofs.
- Coordinated an after-school enrichment program for elementary school children.

EDUCATION

Ph.D., Higher Education, University of Georgia

2022

Ed.M., Higher Education and Student Affairs, State University of New York at Buffalo

2016

B.A., Sociology, State University of New York at Plattsburgh

2013

TECHNICAL SKILLS

Research Training: Research design, statistical modeling, causal inference, quasi-experimental methods

Programs: Advanced in Stata, basic in SQL, R, Tableau, Qlik Sense

Data Familiarity: Census ACS, NCES K12 (CCD, CRDC, ELS, FSA Data Center Reports, HSLS) and Postsecondary (BPS, B&B, College Scorecard, IPEDS, NPSAS), Finra NFCS, NLSY, PSID, SCF, and select state datasets.