

Posting Summary

The [Joseph C. Cornwall Center for Metropolitan Studies](#) is studying the New Jersey high school experience with attention to equity, opportunities for improvement in policy and practice, and positive outliers. Through the study we are mapping historic trends in access to opportunities and outcomes by analyzing the trajectories of freshman cohorts. We will be studying the relationship between school contexts and mechanisms linked to disparities. Study deliverables will include online, interactive public data dashboards for monitoring equity, public reports accompanying the dashboards, and academic papers.

The Cornwall Center seeks a doctoral student with advanced quantitative research experience and interest in education to support this project. The position is for the 2021-2022 academic year and is funded through the [NJ Policy Lab](#).

The graduate student researcher will assist with: 1) managing large-scale longitudinal education datasets from multiple sources and constructing measures; 2) designing interactive data dashboards in Tableau; 3) conducting literature reviews for reports and papers; and 4) conducting descriptive and advanced quantitative analyses. The ideal candidate will be a detail oriented, responsive critical thinker with experience conducting applied quantitative research in the social sciences (for example, sociology, social or cultural psychology, social work, economics, education studies, political science, or an interdisciplinary field).

Job Duties

Academic research - 95%

- Quantitative data management and analysis
- Extract, clean, and manage data from multiple sources
- Prepare interactive data dashboards in Tableau
- Write literature reviews
- Close proofreading, editing, and preparation of presentations and reports
- Meeting attendance

Other responsibilities, as assigned – 5%

Required Qualifications

- Currently enrolled in a Rutgers University doctoral program in a related field
- At least two years relevant experience in a research function, good communication and interpersonal skills, and computer literacy

Required Knowledge, Skills, and Abilities

- Strong foundation in quantitative research methods and measurements
- Experience using data analysis software

Graduate Student Researcher – Quantitative – Education Research
NJ Policy Lab and Joseph C. Cornwall Center for Metropolitan Studies
2021-2022

- Experience analyzing quantitative data and developing charts, graphs, and other visualizations
- Ability to work independently and accurately without direct supervision
- Responsiveness; unless previous arrangements have been made, the student researcher should be willing to respond to emails within 24 hours
- Both the capacity and willingness to learn new software, work routines, and research methods

Preferred Qualifications

- Previous quantitative research assistant experience
- Experience using data visualization tools such as Tableau
- Strong writing and editing skills
- Experience using graphic design software to prepare visually appealing reports
- Demonstrated interest in education and equity

Time and Wages

- 15-20 hours weekly at \$25-\$37 per hour depending on experience.

To apply, please submit a CV/resume and cover letter to Vandeen Campbell (Vandeen.campbell@rutgers.edu).