

Nicholas Zambrotta

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I am a skilled social science researcher with interests in data-driven decision making regarding policy surrounding education, inequality, and intersectionality. I am able to manage several time-sensitive projects while providing high-quality deliverables that achieve ambitious goals. I am seeking a research or data centered position at an organization that aims to provide substantive and meaningful impacts to our diverse society following the completion of my master's degree at Columbia University in May 2023.

Education

Sept 2022 – May 2023	MA Quantitative Methods in the Social Sciences, Columbia University, New York, NY
Sept 2018 – May 2022	BA Psychology (honors), Rutgers University, New Brunswick, NJ

Skills

Programming & Analytics	R, Python, Excel
Visualization & Presentation	HTML, Tableau, Microsoft suite, Google suite, Adobe Photoshop, GitHub
Certification	HIPAA, CITI Program Basic Human Research, Rascal Human Subjects Research

Work Experience

Sept. 2022 – Present	Research Assistant Columbia University Business School, New York, NY <ul style="list-style-type: none">• Involves wrangling of big data using R• Requires proficiency in R packages dplyr, readr, data.table, effectsizes, and ggplot2• Provides assistance in several projects, including mortgage loan origination inequality between racial minority, mixed-race, and white couples and underrepresentation of certain racial minorities in social science research• Entails communication of advanced findings to the peers and public
Sept. 2021 – July 2022	Supplemental Instructor Rutgers University ODASIS, New Brunswick, NJ <ul style="list-style-type: none">• Responsible for providing supplemental instruction weekly to undergraduate students taking Algebra and Pre-Calculus I & II• Entailed development of activities, homework, and mock exams to prepare students for their course examinations• Created learning goals with students so that their academic and professional goals are met
Oct. 2019 – June 2021	Development Assistant Rutgers University Foundation, New Brunswick, NJ <ul style="list-style-type: none">• Communicated with families and healthcare professionals to provide high-quality patient care at Robert Wood Johnson University Hospital• Supported patients and healthcare research through several funding and grant initiatives• Involved the completion of time-sensitive goals and meeting quotas across multiple directors of development
June 2019 – June 2020	Facilities Coordinator Celgene <i>via</i> East West Connection, Summit, NJ <ul style="list-style-type: none">• Managed client facilities for large-scale and executive-level meetings and events• Responsible for interacting with clients at all levels of management• Coordinated with event planners, culinary team, and facilities team to provide executive level support• Developed and refined standard operating procedures for efficiency and accuracy

Research Experience

- Sept. 2022 – Present CAnd3 Fellow | Consortium on Analytics For Data-Driven Decision-Making, McGill University
- International Fellowship with the primary directive is to promote the use of data to inform policy implementation in an aging society
 - Requires proficiency in R, including packages dplyr, readr, tidyr, dagitty, and ggplot
 - Managed online repository on GitHub for research replicability and reproducibility
 - Weekly meetings that focus on professional development, data analytics, and lunch-and-learn series
 - Facilitated lunch-and-learn meetings with Consortium members regarding current research in the field of population dynamics and aging
 - Selected as International Fellow Representative for the 2022-2023 cohort to provide insight into the needs and experiences of international fellow members
- May 2019 – Present Research Assistant | Rutgers – LCR Lab, PI: Dr. Rob Foles
- Requires proficiency in R, including packages dplyr, readr, tidyr, and rpart
 - Currently preparing paper for publication that examines the palliative function of religion for black and white churchgoers in the U.S.
 - Successfully defended undergraduate honors thesis, which examined the relationship between cognitive complexity and perceptual preferences with hopes of shining light on early-level cognitive processes and prejudice
 - Presented research at Eastern Psychological Association 2022 that demonstrated the role of attribution in the relationship between moral sanctity, prejudice, and political conservatism
 - Designed and managed several pilot studies to test the viability of a research paradigm in measuring cognitive complexity
 - Awarded *Cooper Fellowship grant (\$4000)* to fund research studies
- Aug. 2020 – May 2022 Research Assistant | Rutgers – CRIS Lab, PI: Dr. Diana Sanchez
- Assisted PI and graduate student in literature review of topics including concealable stigmatized identities, structural stigma, and identity disclosure
 - Coded audio-visual data and developed research themes for data organization
 - Frequently attended brown bag meetings to learn about current research in the field
- Aug. 2019 – Dec. 2020 Research Assistant | Rutgers Geology Museum
- Collaborated with museum staff in wake of Covid-19 pandemic to implement changes to the museum's online curriculum
 - Developed programmatical changes to accommodate individuals with physical and learning disabilities
 - Designed and recorded detailed descriptions of the museum's points of interest, captured LiDAR scans of the museum's layout, and created sensory bags
 - Awarded *Grossman Interdisciplinary Research Teams Fellowship (\$1,250)* to research and implement accessibility changes to the museum's curriculum
 - Coordinated with accessibility professionals in the Mid-Atlantic and North Eastern regions to gain insight of program implementations

Presentations

Zambrotta, N. (2022, April 11). *Type of Cognition and Prejudice Relates to Perceptual Preferences Using Navon Stimuli* [Baccalaureate thesis presentation]. Rutgers University–New Brunswick, New Brunswick, NJ, United States.

Zambrotta, N., Foels, R. (2022, March 3-5). *Conservative Ideology and Moral Sanctity Predict Prejudice when Low Attributional Complexity* [Conference presentation]. EPA 2022 Convention, New York, NY, United States.