








# Matthew E. Vanaman

✉ mvanaman@gradcenter.cuny.edu ☎ 352 634 1228 🌐 linkedin.com/in/mvanaman








## Highlighted Experience

- ◇ Tailored presentations of statistical results to undergraduate and graduate students, social scientists, community members, non-profit boards, and university leadership.
- ◇ Analyzed numerous experimental, survey, and archival data from social scientific, clinical, demographical, and university-institutional contexts.
- ◇ Conducted, interpreted, and reported on results from over 20 unique statistical analyses.

## Quantitative Skills

-  (Log-) Linear Models
-  Experimental Design
-  Psychometrics
-  Visualization
-  Mixed-Effects Models
-  Multivariate Methods
-  Data Cleaning

## Software Skills

-  R
-  SPSS Statistics
-  Version Control/Git
-  SPSS PROCESS
-  Qualtrics
-  Python/Psychopy
-  SQL

## Education

- Ph.D. Social Psychology**  
2017 - 2022 (Expected)  
The Graduate Center at CUNY
- B.A. Psychology, Minor in Music**  
2014 - 2017  
Stetson University, *Cum Laude*

## Professional History

**Doctoral Researcher/Lab Manager** 2017 - Present  
*Brooklyn College*

- ◇ Explain results of complex statistical tests to both expert and non-expert audiences.
- ◇ Recruit, mentor, and train research assistants in methodology, statistics, and psychology theory.
- ◇ Design, execute, and publish end-to-end original research.
- ◇ Create and administer novel stimuli with Psychopy and Python.

**Data Analyst** 2019 - 2020  
*RF CUNY/Brooklyn College*

- ◇ Provided thorough statistical consultation and modeling.
- ◇ Delivered 5 accessible reports of organizational effectiveness.

**Grant-Funded University Research** 2015 - 2017  
*Stetson University*

- ◇ Designed and published novel psychological self-report measures.
- ◇ Collected, processed, and analyzed diverse data from organizational, online, and field sources.

**Demographics Analyst** 2014-2015  
*Volusia/Flagler Coalition for the Homeless*

- ◇ Prepared and presented data to regional Board of Directors, grant agencies, organizational leaders, and at community events.
- ◇ Collected, processed, and mined census and organizational-archival data for meaningful trends across demographic strata.

## Statistics Instruction

**Graduate Course in Statistical Programming in R** 2020 - Present  
*Brooklyn College*

- ◇ Invited by the department to increase accessibility of a core statistics course.
- ◇ Promote student confidence in data cleaning, visualization, statistical inference, prediction, and interpretation of statistical output.

**Teaching Assistantship - Statistics** 2018 - 2019  
*The Graduate Center at CUNY*

- ◇ Facilitated intuitive understanding of complex statistical concepts with a combination of active listening and responsiveness toward student questions and feedback.
- ◇ Used (often humorous) analogies and visual demonstrations to make the material accessible and ameliorate student anxiety.

**Teaching Apprenticeship - Statistics** 2016 - 2017  
*Stetson University*

- ◇ Developed and implemented a core undergraduate statistics course with collaboration from faculty.
- ◇ Provided over 60 hours of tutoring, workshops, and instruction as invited guest lecturer.