Daniel Yonas, Ph.D.
Quantitative-Focused Mixed Methods Researcher
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Education

Columbia University, *PhD in Psychology, New York, NY*   **2025**
- **Specialization**: Ph.D. in Psychology with a focus on moral cognition and intergroup behavior; trained in advanced mixed-methods research, behavioral science, and applied data analysis to inform equity-driven decision-making.
- **Scholarships & Honors**: Jenessa Shapiro Graduate Research Award, Towards 2044 Horowitz Early Career Scholar, SPSP Graduate Diversity Award, Provost Diversity Fellow & Dean's Fellow

University of Virginia, *MA in Educational Psychology, New York, NY*   **2020**
- **Specialization:** M.Ed. in Human Development and Psychology focused on learning, motivation, and identity in diverse educational contexts; developed expertise in qualitative methods and the design of inclusive learning environments.

University of Virginia, *BA in Psychology, Charlottesville, VA*   **2018**

Work Experience

Lead Researcher (Formerly Research Asst.) - Columbia University, New York, NY   8/2020- Present
- Led, designed, and executed 7 end-to-end research projects involving 17 multi-method studies and 6K+ participants that probed how children and adults' judgments relate to their attitudes toward individuals in their immediate environment and influenced behavior (in-lab and remote; basic and applied).
- Defined and prioritized research goals; planned methodological and analytical approaches; created study materials using PsychoPy and Qualtrics surveys and optimized based on pilot testing; recruited participants across the U.S.
- Led statistical analyses using Python, R, and SPSS; applied multivariate regression, ANOVA, and hierarchical models to extract insight from complex human behavior datasets.
- Conducted thematic and content analysis of text-based qualitative data
- Created behavioral measurement tools for empathy, fairness, and intent in order to inform behavioral interventions
- Presented data-driven insights of varying levels of granularity to multidisciplinary audiences and engaged stakeholders across academia, applied research communities, and lay audiences.
- Co-authored 7 peer-reviewed publications addressing cognitive and behavioral mechanisms as well as 16 presentations
- Directed a team of 10-12 research assistants per semester, training them in performing literature reviews, data collection, and data analysis/interpretation

Graduate Teaching Fellow - Columbia University, New York, NY   8/2020- Present
- Guided undergraduates through data analysis projects involving regression, optimization, and experimental design.
- Delivered instruction in statistical programming and research methodology, reinforcing principles of reproducibility and methodological rigor.
- Supported students in evaluating complex data to draw evidence-based conclusions
- Communicated complex statistical and psychological concepts to undergraduate students across 6 courses.

Project Manager - EL Education Study, Charlottesville, VA   7/2019- 6/2020
- Directed data collection and cleaning for pipelines for 8 multi-site educational and behavioral science studies; ensured high data quality and reliability.
- Developed and deployed 10 surveys, protocols, and coding schemes to study character development and long-term outcomes of interventions.
- Applied regression and longitudinal models using STATA and R to assess the causal effects of education programs on diverse student populations.
- Collaborated with cross-functional teams (teachers, administrators, research staff) to align insights with practical outcomes and strategic objectives.

Research Assistant - University of Virginia, Charlottesville, VA.   1/2016- 5/2018
- Conducted experimental and survey-based research on preschool children's preferences for pretend vs real-world play providing insights into how play format influences engagement and developmental outcomes.
- Collaborated on study design and data collection involving young children and their parents, examining how parental beliefs shape children's play choices—informing strategies for designing engaging, developmentally appropriate content.
- Utilized mixed-methods approaches (behavioral observation, surveys, and interviews) to capture nuanced child-parent dynamics and contextual factors influencing play in lab and play museum settings.
- Applied longitudinal and causal models using STATA and R to evaluate children's developmental trajectories in response to different educational and play environments.
- Delivered findings that informed child-centered educational programming and early media content design; collaborated with educators to translate research insights into classroom practices.

TECHNICAL SKILLS
- Languages & Tools: R (tidyverse, lme4), SPSS, STATA, Git,
- Statistical Methods: Causal inference, A/B testing, multivariate regression, experimental design, longitudinal analysis, measurement development
- Communication: Technical writing, data storytelling, stakeholder collaboration, multidisciplinary team management