

ABOUT ME

- PhD candidate at Carnegie Mellon University with expertise in understanding and predicting human behavior
- Six years of experience applying advanced statistical and machine learning techniques to solve real-world problems
- Skilled communicator with 9 peer-reviewed publications and numerous conference presentations to diverse audiences

EDUCATION

PhD, MSc	Carnegie Mellon University (CMU), Social/Personality and Health Psychology Minor in Quantitative Methods	Expected 2025
Post-Baccalaureate	Northwestern University, Psychology	September 2019
BA	Colorado College, Anthropology ( <i>cum laude</i> , departmental distinction)	May 2015

SKILLS

**Programming and software:** R, MPlus, Git and GitHub, Python, LIWC, DeDoose, Nvivo  
**Quantitative:** Regression, classification, data science, machine learning, causal inference, data visualization, and more.  
**Research Methods:** Experimental and survey methods, clinical trials, qualitative coding (video, interviews, focus groups)

RESEARCH EXPERIENCE

<b>NRSA (F31) Fellow</b> , National Institutes Health, Carnegie Mellon University	2024 – Present
<ul style="list-style-type: none"><li>• Awarded \$100,000 to develop and execute end-to-end project on role of psychosocial factors in health and behavior</li><li>• Employ interview, survey, and digital tracking (e.g., app usage, physiological monitoring) methods to identify actionable insights to inform intervention decisions</li><li>• Clean, organize, and analyze dense datasets using reproducible R, Python, and Mplus pipelines</li><li>• Communicate with national team of academic and product stakeholders across four institutions and three states</li><li>• Manage team of three research assistants to ensure adherence to study protocol and compliance requirements</li></ul>	
<b>Graduate Student Researcher</b> , Carnegie Mellon University	2020 – Present
<ul style="list-style-type: none"><li>• Lead and design research studies to understand human behavior and attitudes with emphasis on survey methods and behavioral analyses</li><li>• Conduct appropriate statistical and machine learning analyses to evaluate research questions</li><li>• Derive data-driven insights on social and psychological processes, communicate findings through both oral presentations and written reports</li><li>• Collaborate cross-functionally with diverse project teams across multiple institutions and organizations</li><li>• Won departmental teaching award for contributions to graduate data science course; assisted and later co-taught additional statistics courses to 40+ students with emphasis in R programming language</li></ul>	
<b>Research Intern</b> , Northwestern University Medical Social Sciences	2019 – 2020
<ul style="list-style-type: none"><li>• Initiated independent analysis of how relationships influence couples coping with medical stressor</li><li>• Assisted with execution and qualitative coding of four focus groups of women with breast cancer to inform development of 10-week behavioral intervention to improve quality of life</li></ul>	
<b>Research Assistant/Intern</b> , Children’s Research Triangle	2018 – 2020
<ul style="list-style-type: none"><li>• Compiled and organized data for 200+ patients and 15+ clinician data to assess patient progress</li><li>• Interpreted and communicated findings, built reports to share with private and governmental stakeholders</li></ul>	

SELECTED AWARDS AND HONORS

Graduate Student Research Award, <i>Society for Health Psychology</i> , \$2000	2024
Herbert Simon Graduate Student Teaching Award, <i>CMU Psychology Department</i>	2024
Dexcom Investigator Initiated Research Sponsorship, <i>Dexcom</i> , \$4500 of product	2023
COGDOP Scholarship, <i>American Psychological Foundation</i> , \$2000	2023
Roberta Klatzky Graduate Student Publication Award, <i>CMU Psychology Department</i>	2023
Dick Hayes Graduate Student Service Award, <i>CMU Psychology Department</i>	2023