

Hannah Moshontz, PhD

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SUMMARY

Behavioral scientist with 14+ peer-reviewed papers and 10+ years of experience in data wrangling, data visualization, statistical analysis, and research design. Possesses excellent analytic, problem-solving, and communication skills.

EDUCATION

Duke University <i>MA and PhD, Department of Psychology and Neuroscience</i>	Durham, NC 2020
Reed College <i>BA, Department of Psychology</i>	Portland, OR 2011

POSITIONS

Data Software Engineer I <i>Hunt Club</i>	starting April 2022 <i>Chicago, IL</i>
<ul style="list-style-type: none">Part of a new team to build data standards and processes for applied predictive models	
Postdoctoral Researcher and NIH T32 Fellow <i>University of Wisconsin - Madison</i>	June 2020 – March 2022 <i>Madison, WI</i>
<ul style="list-style-type: none">Coordinated and managed a NIH R01-funded study to build predictive models for lapses among people recovering from Opioid Use DisorderDirected an independent research agenda focused on the role of affect in goal-related behaviorLed 4 international collaborative research projects involving 100 to 500 plus other researchersLed a small research team of two full-time staff and three graduate-student assistants	

STATISTICS AND RESEARCH TEACHING EXPERIENCE

Instructor <i>Duke University</i>	January 2015 – July 2019 <i>Durham, NC</i>
<ul style="list-style-type: none">Served as the instructor of record for a course on Research Methods in Psychological ScienceAssisted instruction for courses on Analysis of Variance, Applied Regression Modeling, and Research Methods in Psychological Science	
Consultant <i>Duke Social Science Research Institute</i>	June 2019 – June 2020 <i>Durham, NC</i>
<ul style="list-style-type: none">Provided scheduled assistance to researchers in designing and analyzing data from survey and experimental researchProvided statistical consulting to faculty, research staff, graduate students and undergraduate students in the social and medical sciences	

SKILLS

Languages (proficiency): R (base and tidyverse), HTCondor, M plus, SAS
Languages (familiarity): Python, HTML/CSS, SQL, BASH, SPSS, Matlab, Javascript
Frameworks: Microsoft Office, GitHub, Qualtrics
Statistical Analysis: Exploratory Data Analysis, Generalized Linear Modeling, Multi-level Modeling, Structural Equation Modeling
Research: Survey Design, Experiment Design
Behavioral Science Expertise: Goals, Behavior Change, Habits, Motivation, Incentives