

# Hannah Moshontz de la Rocha, PhD

[LinkedIn](#) | [academic cv](#) | [google scholar](#) | [www.hannahmoshontz.com](http://www.hannahmoshontz.com)

## SUMMARY

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Data-minded behavioral science expert with 10+ years of experience, based in Portland, OR. I thrive in roles that leverage my tendency to think about and plan processes, my understanding of applied statistics and data analysis, and my ability to communicate clearly at different levels of complexity.

## EDUCATION

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<b>PhD, Duke University</b> <i>Department of Psychology and Neuroscience</i>	Durham, NC 2020
<b>MA, Duke University</b> <i>Department of Psychology and Neuroscience</i>	Durham, NC 2016
<b>BA, Reed College</b> <i>Department of Psychology</i>	Portland, OR 2011

## POSITIONS

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<b>Senior Program Manager</b> <i>DrivenData</i>	February 2022 - present (remote)
<ul style="list-style-type: none"><li>Use strong management, communication, process-development skills to support data scientists in executing data science competitions and direct consulting engagements.</li></ul>	
<b>Research Scientist</b> <i>Center for Open Science</i>	October 2022 - January 2022 Charlottesville, VA (remote)
<ul style="list-style-type: none"><li>Managed project team in conducting a large RCT with external stakeholders</li><li>Managed other staff and served a team leadership, mentor role</li><li>Established file management and data management systems and documentation for the research team</li><li>Consulted with Product team on an open source platform for scientists to upload research outputs, including data and code</li></ul>	
<b>Data Scientist</b> <i>Hunt Club</i>	April 2022 - September 2022 Chicago, IL (remote)
<ul style="list-style-type: none"><li>Derived business insights from platform data.</li><li>Played a leading role in standing up Looker and BigQuery, and establishing a data cleaning Airflow and fivetran pipeline for an analytics warehouse</li><li>Worked with cross-functional teams to identify and resolve data errors that affected OKR and Product team reporting</li><li>Created data documentation and data standards for platform data and analytics warehouse</li></ul>	
<b>NIH T32 Fellow and Postdoctoral Research Scientist</b> <i>PI: John Curtin, University of Wisconsin - Madison</i>	June 2020 – March 2022 Madison, WI
<ul style="list-style-type: none"><li>Led a project to use machine learning methods for predicting relapses among people recovering from substance use disorder</li><li>Established a pipeline to store and process data from a digital health app</li><li>Managed a team that included full-time staff and part-time doctoral researchers in the Computer Science and Psychology departments</li><li>Collaborated with professors across campus, including in the Geography, Journalism, Computer Science, and Psychology departments</li></ul>	
<b>Doctoral Research Scientist</b> <i>PI: Rick Hoyle, Duke University</i>	August 2014 – May 2020 Durham, NC
<ul style="list-style-type: none"><li>Conducted dozens of observational and experimental research studies to understand the behavioral and personality correlates of success in health goals like smoking cessation, weight loss</li><li>Mentored Duke University honors thesis projects and independent studies</li><li>Instructed Duke University undergraduate and doctoral students in courses including Applied Statistics for Psychology and Neuroscience, Research Methods, and Personality Psychology</li><li>Earned grants, honors, and fellowships from a variety of institutions including Duke University, the University of North Carolina at Chapel Hill, the Society for Personality and Social Psychology, the Association for Psychological Science, and the National Science Foundation</li></ul>	

**Data and statistics:** SQL, R, SAS, Python, HTCondor, Mplus, Airflow, BigQuery, Heroku  
**Reporting:** Rmd, Quarto, Jupyter, Looker, Grow, Tableau

## SELECTED PEER-REVIEWED PUBLICATIONS

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- Dorison, C. A., Lerner, J. S., Heller, B. H., Rothman, A. J., Kawachi, I. I., Wang, K., ... Moshontz, H.... Coles, N. (2022). In COVID-19 health messaging, loss framing increases anxiety with little-to-no concomitant benefits: Experimental evidence from 84 countries. *Affective science*, 3(3), 577-602. [doi.org/10.1007/s42761-022-00128-3](https://doi.org/10.1007/s42761-022-00128-3)
- Legate, N., Nguyen, T. T., Weinstein, N., Moller, A. C., Legault, L., ... **Moshontz, H.**, ... Primbs, M. (2022). A Global Experiment on Motivating Social Distancing during the COVID-19 Pandemic. *The Proceedings of the National Academy of Sciences*. [doi.org/10.1073/pnas.2111091119](https://doi.org/10.1073/pnas.2111091119)
- Nosek, B. A., Hardwicke, T. E., **Moshontz, H.**, Allard, A., Corker, K. S., Dreber, A., Fidler, F., Hilgard, J., Kline Struhl, M., Nuijten, M., Rohrer, J., Romerio, F., Scheel, A., Scherer, L., Schonbrodt, F., & Vazire, S. (2022). Replicability, Robustness, and Reproducibility in Psychological Science. *Annual Review of Psychology*, 73(1). [doi.org/10.1146/annurev-psych-020821-114157](https://doi.org/10.1146/annurev-psych-020821-114157)
- Moshontz, H.**, Colmenares, A., Fronk, G.E., Sant'Ana, S.J., Paquette, K., Wyant, S.E., Maus, A., Gustafson, D.H., Shah, D.V., & Curtin, J.J. (2021). Prospective Prediction of Lapses in Opioid Use Disorder: Protocol for a Personal Sensing Study. *JMIR Research Protocols*. [doi.org/10.2196/29563](https://doi.org/10.2196/29563)
- Wang, K., Goldenberg, A., Dorison, C.A., Miller, J.K., Uusberg, A., Lerner, J.S., Gross, J.J., ... **Moshontz, H.** (2021) A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behavior*. <https://doi.org/10.1038/s41562-021-01173-x>
- Moshontz, H.** & Hoyle, R.H. (2021). Resisting, Recognizing, and Returning: A Three-Component Model and Review of Persistence in Episodic Goals. *Social and Personality Psychology Compass* 15(1), e12576. [doi.org/10.1111/spc3.12576](https://doi.org/10.1111/spc3.12576)
- \*McAuliffe, W.H., \***Moshontz, H.**, McCauley, T.G., & McCullough, M.E. (2020). Searching for Prosociality in Qualitative Data: Comparing Manual, Closed-Vocabulary, and Open-Vocabulary Methods. *European Journal of Personality* 34, 903-916. [doi.org/10.1002/per.2240](https://doi.org/10.1002/per.2240)
- Powers, J.P., **Moshontz, H.**, & Hoyle, R.H. (2020). Self-Control and Affect Regulation Styles Predict Anxiety Longitudinally in University Students. *Collabra: Psychology* 6(1), 11. [doi.org/10.1525/collabra.280](https://doi.org/10.1525/collabra.280)
- Moshontz, H.**, Campbell, L., Ebersole, C.R., IJzerman, H., Urry, H.L., Forscher, P.S., ... Chartier, C.R. (2018). The Psychological Science Accelerator: Advancing Psychology Through a Distributed Collaborative Network. *Advances in Methods and Practices in Psychological Science*, 1(4), 501–515 [doi.org/10.1177/2515245918797607](https://doi.org/10.1177/2515245918797607)
- Atkinson, K.M., Koenka, A.C., Sanchez, C.E., **Moshontz, H.** & Cooper, H.M. (2015). Reporting Standards for Literature Searches and Report Inclusion: Making Research Syntheses More Transparent and Easy to Replicate. *Research Synthesis Methods*, 6(1), 87-95. [doi.org/10.1002/jrsm.1127](https://doi.org/10.1002/jrsm.1127)