



Exponent®
Engineering & Scientific Consulting

Chris Kiley, Ph.D.

Managing Scientist | Human Factors

Phoenix

+1-623-587-4153 | ckiley@exponent.com

Professional Profile

Dr. Kiley is a cognitive psychologist whose experience includes the creation and analysis of various survey instruments and questionnaires to obtain both qualitative and quantitative data, as well as the selection and recruitment for those. In the past year, he has worked on numerous projects that all require diverse methods of data collection.

Dr. Kiley's quantitative data collection efforts include neurophysiological data recording, surface level EMG response, hand-eye coordination, and eye tracking. His qualitative data collection efforts range from in-depth one-on-one interviews to remote online surveys that require participants to complete them long after the study proper has concluded. He has applied his wide-ranging knowledge of user experience research methodology to projects involving virtual reality devices, augmented reality devices, wearable technology, and online social media behavior. To analyze these data, Dr. Kiley utilizes both descriptive and inferential statistics by way of t-tests, analysis of variance, multiple regression, survival analysis, principal component analysis, and principal component regression.

Dr. Kiley received an M.A. and Ph.D. in Experimental Psychology from the University of Nevada, Las Vegas. His work in university focused on human memory systems, and his dissertation explored the retention of information and memory updating procedures in healthy adults. These studies required retaining many participants over a period of a week or more in a situation where losing a single data point for any given participant would render that participant's data useless.

Academic Credentials & Professional Honors

Ph.D., Psychology, University of Nevada, Las Vegas, 2019

M.A., Psychology, University of Nevada, Reno, 2017

M.A., Psychology, University of Nevada, Reno, 2016

B.A., Psychology, University of South Florida, 2012

Academic Appointments

Graduate Instructor of Record, Psychology, University of Nevada, Las Vegas, 2014-2018

Prior Experience

Lab Manager, Human Memory Lab, University of Nevada, Las Vegas, 2013 - 2018

Publications

Presentations

Kiley, C. & Parks, C.M. (2016). Reconsolidation: Effects of spatial context and expectations. Poster presented at the 28th Annual Convention of the Association for Psychological Science (Chicago, IL).

Kiley, C. & Parks, C.M. (2017). Reconsolidation: Effects of spatial context and expectations. Talk given at the Ninety-Seventh Annual Convention of the Western Psychological Association (Sacramento, CA).

Kiley, C., & Parks, C.M. (2017). Reconsolidation: Effects of spatial context and expectations. Poster presented at the 58th Annual Meeting of the Psychonomic Society (Vancouver, BC, Canada).

Project Experience

Designed and executed a study examining the usability and user experience of various media formats in a virtual environment.

Designed and executed a study examining the effect of hate speech in an online platform on participant affect and behavior.

Designed and executed a multi-phase study examining the usability of wearable technology.

Designed and executed a study examining participants' perceptions of misinformation on social media.

Designed and executed a study examining the usability and comfort of various head mounted displays.