

Andrew Brandt, PhD

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Experimental psychologist with over 15 years of experience designing and executing behavioral research and surveys. Professional scientific writer and presenter who can communicate research goals and insights to diverse audiences. Ability to manage multiple evaluative research projects independently. An experienced mentor who can train and support new researchers. Self-motivated to learn and use technology to solve problems efficiently and enhance user experiences.

Education

2010 **PhD, Experimental Psychology**, Western Michigan University, Kalamazoo, MI
In Progress **UX Design Program**, CareerFoundry

Work Experience

2010 – present **Tenured Professor and Chair**, Department of Psychology, Ohio Wesleyan University, Delaware, OH

- Principle researcher for independent and team research projects on human behavior and motivation
- Instructor for behavioral research methods, statistics, behavioral decision making, and learning
- Founder and past Chair of the Institutional Review Board that governs human subjects research
- Past Chair of the Executive Committee that supports shared governance and employee experiences
- Associate Journal Editor, Analysis of Gambling Behavior

Digital Design Experience

2022 **Instructional Design of RStudio and RMarkdown Tutorials** ([Link](#))

- Designed web tutorials for teaching new researchers how to analyze behavioral data in RStudio
- Coded RMarkdown templates for teaching researchers how to generate .html research reports
- Includes instruction on wrangling and cleaning data, data visualization, descriptive statistics, data simulation, ANOVA, multiple regression, mediation, moderation, and BIC model selection

Recent Research Projects

In Progress **Comprehension of Company Sustainability Data Presented in Mobile App Prototype**

- Multifactor experiment designed in Qualtrics and Figma to be completed by 700+ participants
- Investigates the effects of numeric information and data visualization layout on user comprehension

2022 **Empathetic Concern and Attitudes towards Sentient Artificial Intelligence**

- Multivariate experiment showed that media stimuli increased empathetic concern for sentient AI

2022 **Numeric Literacy and Climate Change Denial Predict Climate Change Worry**

- Survey showed greater climate change worry and financial giving is predicted by lower numeracy

2021 **Engagement, Variety Seeking, and Age Predict Consumer Value for Craft Beers**

- Survey showed higher purchase price for high ABV beer is predicted by higher product engagement

Academic Research, 8 peer-reviewed journal publications, 21 research conference presentations

Technical Skills

- Data analysis: multiple regression, structural equation modeling, ANOVA/MANOVA/ANCOVA
- Applications: RStudio, SPSS, Excel, Qualtrics, HTML+CSS, VSCode, PowerPoint, Photoshop, Figma