

# Alexandria Meyer

alexameyer21@gmail.com | (520) 331 – 2793 | <http://alexameyer.vercel.app/>

Passionate UX Researcher with a Ph.D. in Cognitive Psychology. I am skilled in employing both qualitative and quantitative research methods to analyze user behavior as well as translating complex data into actionable insights for enhancing user experiences. I am a strong advocate for data-driven design decisions, with a proven track record of cross-functional collaboration and effective communication.

## Key Skills

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- **Qualitative Research Methods:** Experienced in usability and contextual inquiry, surveys, field studies, and 1:1 interviews
- **Quantitative Analysis:** Expertise in descriptive (i.e. ANOVA), inferential (i.e. t-tests), regression and multivariate statistics
- **Technical Proficiency:** Skilled in Python, MATLAB, R, and other data analysis tools with ample experience in applying statistical models, experimental design, and advanced data analysis
- **Research & Project Management:** Led large-scale, multi-year research projects funded by NIH and AHA and ensured timely execution, goal setting, and team development
- **Team Leadership:** Managed teams of up to 15 members, including cross-functional teams, with a focus on collaboration, prioritization, and open communication to enhance project efficiency and team productivity
- **Communication:** Strong ability to translate research findings into strategic narratives and communicate results

## Relevant Professional Experience

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### Lead Researcher

August 2019 – August 2024

*Florida State University | Tallahassee, FL*

- Managed a 15-person team in the design, execution, and analysis of data for a \$1.5M NIH-funded study, using a wide variety of methods to gain insights into user behavior
- Collaborated cross-functionally with researchers, study management, and stakeholders to influence study development and strategy
- Presented research findings in a clear and accessible manner to internal and external stakeholders and ensured information was understandable to a diverse audience and advocating for data-driven design decisions
- Led recruiting, onboarding, and training efforts, developing a high-performing team and fostering professional growth
- Advocated for team needs, balancing competing priorities to ensure alignment with the overall mission
- Worked independently to manage and prioritize research plans and communicated results in compelling/creative ways

### Team Lead

May 2017 – May 2019

*University of Colorado Anschutz Medical Center | Denver, CO*

- Led a large-scale data collection initiative as part of a \$500K American Heart Association-funded project which focused on health impacts of racial discrimination, using surveys and field studies to gather data
- Conducted field visits, interviews, and surveys to gather qualitative and quantitative data and translating findings into actionable insights
- Communicated research findings to internal and external stakeholders and advocated for data-driven decision-making
- Collaborated with multiple departments to ensure smooth cross-functional communication and integration of research insights into actionable strategies

### Research Assistant

August 2015 – December 2016

*Banner – University Medical Center | Tucson, AZ*

- Gained extensive experience with a wide range of clinical surveys and 1:1 clinical interviews with those diagnosed with psychotic illnesses
- Utilized statistical methods to analyze survey data and provided actionable insights for clinical interventions
- Examined phase-specific treatments for those with psychotic illnesses using interviews and surveys
- Presented research findings to influence clinical practice and research methodologies
- Trained and mentored incoming staff, guiding them through research methodologies and fostering a collaborative and supportive team environment
- Managed the research team, ensuring that data collection and analysis were aligned with study objectives

## Education

<b>Florida State University</b> <b>Doctor of Philosophy (PhD)</b>   Psychology   Cognition and Cognitive Neuroscience	August 2024
<b>Florida State University</b> <b>Master of Science (MS)</b>   Psychology   Cognition and Cognitive Neuroscience	July 2022
<b>University of Arizona</b> <b>Bachelor of Science (BS)</b>   Psychology	December 2014

## Selected Presentations & Publications

- **Meyer, A., Nee, D.E.** (2023). "Causal Evidence of Directed Network Interactions Supporting Cognitive Control via TMS." Society for Neuroscience Conference.
- Wood, J.L., **Meyer, A., Nee, D.E.** (2023). "Causal Evidence for Hierarchical Predictive Coding Supporting Cognitive Control." Society for Neuroscience Conference.
- **Meyer, A., Nee, D.E.** (2023). "Effects of cTBS to the Prefrontal Cortex on Cognitive Control." Cognitive Neuroscience Society Conference.
- **Meyer, A., Nee, D.E.** (2022). "Causal Evidence Supports Hierarchical Organization in the Prefrontal Cortex." Presented at the Cognitive Neuroscience Society Conference.

## Honors and Awards

<b>Florida State University Graduate Research Day</b> First place award for poster presentation in Cognitive Psychology and Cognitive Neuroscience	April 2023
<b>McKnight Doctoral Fellowship</b>	August 2019 – August 2024
<b>Graduate and Professional Student Council (GPSC) Student Showcase</b> Second place award for poster presentation in Undergraduate Health Sciences	November 2014

## Service

<b>Diversity in Psychology Organization of Graduate Students: Representative</b> <i>Florida State University   Tallahassee, FL</i> <ul style="list-style-type: none"><li>• DPOGS is a diverse group of graduate students in psychology, neuroscience, and related fields</li><li>• As a DPOGS representative, my primary goal is to support diversity and inclusion in our fields through advocacy, service, education, and social events</li><li>• Organized a semesterly Diverse Speaker Series to showcase the research and personal journeys of talented PhD-level professionals from underrepresented backgrounds</li><li>• Hosted various social events to foster a supportive network among graduate students</li><li>• Conducted outreach programs to support diverse undergraduates interested in pursuing graduate studies</li></ul>	August 2022 – August 2024
<b>Diversity in Psychology Organization of Graduate Students: Member</b> <i>Florida State University   Tallahassee, FL</i> <ul style="list-style-type: none"><li>• DPOGS is a diverse group of graduate students in psychology, neuroscience, and related fields</li><li>• As a DPOGS member, I help organize and participate in outreach efforts</li><li>• Participated in outreach events including those which connected high school and undergraduate students with graduate students</li><li>• Mentored underrepresented undergraduate students interested in pursuing graduate studies</li></ul>	January 2021 – August 2022