Emma R. Butner

University of Utah, Department of Psychology
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Education

PhD, Cognition & Neural Science (in progress)　　　　Salt Lake City, UT, USA
University of Utah　　　　　　　　　　　　　　　　　　　Expected: May 2029
- Advisors: Dr. Jeanine Stefanucci, Dr. Sarah Creem-Regehr

BS, Psychology　　　　　　　　　　　　　　　　Seattle, Washington, USA
University of Washington, Seattle　　　　　　　　　　　　　　　June 2023

Publications

PUBLISHED PEER-REVIEWED ARTICLES

Kilshaw, R. E., Boggins, A., Everett, O., **Butner, E.**, Leifker, F. R., & Baucom, B. R. (2024). Benchmarking Mental Health Status Using Passive Sensor Data: Protocol for a Prospective Observational Study. *JMIR Research Protocols*, *13*(1), e53857.

IN PREPARATION

Detrich, A., **Butner, E.**, Creem-Regher, S. H., Stefanucci, J. K. (*In Preparation*). Let's get the ball rolling: Implementing the use of immersive virtual reality in space and time perceptual estimates.

Frohe, T., **Butner, E.**, Kolde, S., Bhambu, P., Leemon, G., Taylor, E. M., David, A., Eikeng, I., Hu, S., Wu, Y., Zhao, M., Seo, G., Hamdy, N. W., Cohn, E. B., Clifasefi, S. L., & Collins, S. E. (*In Preparation*) Conventional content analysis of Housing First residents' preferred activities and service needs during the COVID-19 pandemic.

Conference Presentations

+ *presenting author*

POSTERS

+ Kilshaw, R.E., **Butner, E.**, Boggins, A., Leifker, F. R., Baucom, B. R. W. (May, 2025). Investigating the Utility of Smartphone Passive Sensor Data for Predicting Mental Health Risk in Community Dwelling Adults. Presented at the *2025 ABCT Technology and Behavior Change Special Interest Group*

+ **Butner, E.**, Stefanucci, J. K., Creem-Regehr, S. H. (April, 2025). Effects of Perceptual-Motor Recalibration on Time Perception in Virtual Reality. Presented at the *University of Utah College of Social and Behavioral Science Research Day 2025*, Salt Lake City, Utah.

+ Detrich, A., **Butner, E.**, Kuper, K., Ruiz, D., Stefanucci, J. K., Creem-Regehr, S. H. (April, 2025). Let's get the ball rolling: Implementing the use of immersive virtual reality in space and time perceptual estimates. Presented at the *University of Utah College of Social and Behavioral Science Research Day 2025*, Salt Lake City, Utah.

+ Detrich, A., Whitaker, M., **Butner, E.**, Stefanucci, J. K., Creem-Regehr, S. H. (Nov, 2024). Let's get the ball rolling: Implementing the use of immersive virtual reality in space and time perceptual estimates. Presented at the *Psychonomic Society 65th Annual Meeting*, New York City, New York.

+ Kilshaw, R. E., **Butner, E.**, Boggins, A., Everett, O., Leifker, F. R., Baucom, B. R. W. (May, 2024). Using Passive Sensor Data to Enhance Mental Health Risk Assessment in Community-Dwelling Adults: Protocol for a Prospective Observational Study. Presented at the *2024 APS Annual Convention*, San Francisco, CA.

+ Detrich, A., **Butner, E.**, Creem-Regehr, S. H., Stefanucci, J. K. (March, 2024). Avoiding the scream-ic route: navigational biases in dynamic threat environments. Presented at the *2024 Society for Affective Science Annual Conference*, New Orleans, LA.

+ **Butner, E.**, Ferguson, Z.E., Kaiser, C. (May, 2023). Emotional Correlations During Observation of a Traumatic Event. Presented at the *UW 26th Annual Undergraduate Research Symposium*, Seattle, WA.

+ **Butner, E.** (April, 2023). Emotion Correlations Underlying an Adverse Event. Presented at the *2023 Western Psychological Association Annual Convention*, Riverside, CA.

Research Experience

Lab Manager   Sept 2023 - Aug 2024
Vision, Audition, Action in Space & Time (VAAST) Lab
Department of Psychology, University of Utah
Director: Jeanine Stefanucci, Ph.D. & Sarah Creem-Regehr, Ph.D.
Supervisors: Emily Tighe, Alex Detrich, MA, & Ashley Buzard
Project 1: use virtual reality to understand navigation in humans under threat
Project 2: use virtual reality to understand the relationship between space and time

Lab Manager   Sept 2023 - Aug 2024
Behavioral Health Innovation and Dissemination Center (BHIDC)
Department of Psychology, University of Utah

Director: Brian Baucom, PhD
Supervisor: Robyn Kilshaw, MA
Project: create a large dataset with digital phenotyping

Student Research Assistant   Mar 2023 - Apr 2024
Choice-making And Computer Technology for Unipolar depression (CACTUs) Lab
Palo Alto University
Director: Yan Leykin, Ph.D.
Supervisors: Hillary Kingman, Haley Raybin
Project 1: create a game for individuals with MDD and comorbid trauma symptoms
Project 2: study Major Depressive Disorder (MDD) treatment preferences

Student Research Assistant   Sept 2022 - Sept 2023
Harm Reduction Research and Treatment (HaRRT) Center
Department of Psychiatry, University of Washington
Directors: Seema Clifasefi, Ph.D. and Tessa Frohe, Ph.D.
Supervisor: Tessa Frohe, Ph.D.
Project: research individuals facing substance use disorders and homelessness in the context of Housing First communities

Student Research Assistant   Jan 2021 - July 2023
Social Identity Laboratory (SiLab)
Department of Psychology, University of Washington
Director: Cheryl Kaiser, Ph.D.
Supervisor: Rebecca Schachtman, Z. Ferguson
Project 1: research sexual harassment and victim prototypicality
Project 2: understand intersectional identities and legal implications

Honors & Awards

Graduate Division Award Student Research Day   April 2025

Professional Service

Project Short Graduate School Mentor   Sept 2025
University of Utah Summer 2025 Symposium Poster Evaluator   Aug 2025
Letters to a Pre-Scientist   Aug 2025-present
INROADS National Conference Volunteer   July 2025
University of Utah Spring 2025 Symposium Poster Evaluator   April 2025
Assisted Mentor with Peer Review for Attention, Perception, & Psychophysics   Jan 2025
University of Utah Fall 2024 Symposium Poster Evaluator   Dec 2024

Memberships & Affiliations _____

Psi Chi Honors Society
Western Psychological Association
American Psychological Association
Psychonomics
Women in Cognitive Science