

ELISABETH SLIFKIN

PhD

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HUMAN FACTORS

EDUCATION

UNIVERSITY OF CENTRAL FLORIDA		
PhD	Human Factors and Cognitive Psychology	2024
UNIVERSITY OF CENTRAL FLORIDA		
MA	Applied Experimental and Human Factors Psychology	2021
GEORGE WASHINGTON UNIVERSITY		
MA	Organizational Sciences	2018
FLORIDA STATE UNIVERSITY		
BS	Psychology	2015

PROFESSIONAL PROFILE

Dr. Elisabeth Slifkin is a Human Factors Scientist with expertise in human performance, attention, decision-making, and behavioral measurement. She received her PhD in Human Factors and Cognitive Psychology from the University of Central Florida, where her research examined how task interruptions and competing cognitive demands affect attention, information processing, and decision-making. Her doctoral research utilized eye tracking and behavioral measures to investigate how interruptions influence the detection and classification of phishing emails, with additional research examining the use of eye-movement patterns to distinguish between phishing and legitimate emails.

Dr. Slifkin’s research experience encompasses cognitive workload, attention, human error, decision-making, and human-system interaction. Her work examines how people interact with information and systems and includes evaluating and redesigning systems based on stakeholder needs and behavioral data, with a focus on improving usability, performance, and system adoption.

At Explico, Dr. Slifkin’s background in experimental research and behavioral measurement allows her to evaluate how task demands, attention, and interruptions can influence human decision-making and performance and contribute to errors. She combines empirical research methods with an understanding of human cognition to assess human-system interactions and provide evidence-based insights into complex events.

AREAS OF EXPERTISE

- Visual attention and perception
- Decision-making
- Cognitive workload
- Task interruptions
- Human-technology interaction
- Eye tracking and behavioral measurement



EXPERIENCE

Explico Inc.

September 2026 - Present

Human Factors Scientist

Rollins College

August 2024 - May 2026

Visiting Assistant Professor

Applied Cognition & Aging Lab, University of Central Florida

August 2018 - May 2024

Graduate Student Researcher

University of Central Florida

August 2018 - May 2024

Graduate Teaching Assistant

University of Central Florida

January 2021 - May 2021

Instructor of Record

Play-Well TEKnologies

January 2017 - June 2018

Lead Engineering Instructor

Attention & Training Lab, Florida State University

August 2013 - December 2014

Research Assistant

PEER-REVIEWED PUBLICATIONS

Slifkin, E.J.D. & Neider, M.B. (2026). Examining the effect of task interruptions on email classification ability in the context of memory for goals theory. [Manuscript under review]. Department of Psychology, University of Central Florida.

Goetz, J.N., Hinkle, S., Slifkin, E.J.D., & Neider, M.B. (2026). Predicting phishing emails through eye movements: A high-dimensional nonlinear approach. [Manuscript under review]. Department of Psychology, University of Central Florida.

Slifkin, E.J.D. & Neider, M.B. (2023). Phishing interrupted: The impact of task interruptions on phishing email classification. *International Journal of Human-Computer Studies*, 174, 103017. <https://doi.org/10.1016/j.ijhcs.2023.103017>

PRESENTATIONS

Rodriguez, J.R. & Slifkin, E.J.D. (2026). The Relationship Between Dispositional Optimism and Instagram-Induced Body Dissatisfaction. [Poster presentation]. Southeastern Psychological Association, New Orleans, LA.

Slifkin, E.J.D. & Neider, M.B. (2022). Using multiple-target visual search to assess maximizing behavior. [Poster presentation]. Vision Sciences Society, St. Petersburg, FL.

Slifkin, E.J.D. & Neider, M. B. (2021). Maximizers and satisficers in visual search: Extra effort doesn't guarantee additional reward. [Poster presentation]. Vision Sciences Society, St. Petersburg, FL.

Slifkin, E., Kutta, T., & Kaschak, M. (2012). Investigating language production across samples from the U.S. and U.K. [Poster presentation]. Undergraduate Research Symposium, Florida State University, Tallahassee, FL.



DISSERTATION

Slifkin, E.J.D. (2024). Gone phishing: How task interruptions impact email classification ability. [Doctoral Dissertation, University of Central Florida]. UCF STARS. <https://stars.library.ucf.edu/etd2023/158>