

William John Mitchell

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Philadelphia, Pennsylvania - 19129, USA

Last Updated on August 15, 2025

OBJECTIVE

I'm a social and affective neuroscientist who uses dynamic, feature-rich study designs to study neural, behavioral, and physiological representations of emotion, social decision making, and self-regulation.

EDUCATION

Temple University | Ph.D. Cognition & Neuroscience

Concentration in Quantitative Methods

GPA: 3.97 | Mentor: Chelsea Helion

Sept. 2019 - Aug. 2025

Philadelphia, PA

Loyola University Maryland | B.A. Psychology

Graduated Magna Cum Laude

GPA: 3.72

Aug. 2010 - May 2014

Baltimore, MD

ACADEMIC APPOINTMENTS

Post-Doctoral Associate

Rutgers University | Social & Affective Neuroscience Lab

PI: Mauricio Delgado

Sept 2025 - Ongoing

Newark, NJ

EXTERNAL FUNDING

National Institute of Health | National Institute of Neurological Disorders and Stroke

D-SPAN F99 Pre-Doctoral Scholar

Jan. 2024 - Aug. 2025

\$71,362

National Institute of Health | National Institute of Neurological Disorders and Stroke

D-SPAN K00 Post-Doctoral Scholar (Funding Mechanism Illegitimately Retired by Trump Administration)

Unclaimed

\$275,800

National Institute of Health | National Institute on Drug Abuse

NRSA F32 Post-Doctoral Fellow

Under Review

\$244,020

SKILLS

Programming Languages: R • Bash • Python • SQL • Javascript • CSS • HTML • Git • Markdown • LaTeX

Selected Libraries: lme4 • Shiny • Tidyverse • Pandas • NumPy • PyTorch • SciPy • TensorFlow

Statistical Methods: Factor Analysis • Hierarchical Modeling • Non-parametric Statistics • Neural Networks • Permutation Testing & Bootstrapping • Intersubject Correlations • Representational Similarity Analyses

Neuroimaging Tools: Lvl 3 Siemens 3T Prisma • FSL • fMRIPrep • nilearn • NLTools • MRICroGL

Experiment & Stimulus Design: Adobe Creative Suite • PsychoPy • jsPsych • Reaper • Audacity

Stimulus Feature Analysis: Hume.AI • EmoNet • LIWC • Whisper

Electronic Data Capture: Qualtrics • REDCap • EPIC • OnCore • Prolific • Pavlovia

OTHER RESEARCH EXPERIENCE

Clinical Research Coordinator

Children's Hospital of Philadelphia | Gastroenterology, Hepatology, & Nutrition

PI: Natalie Terry, Louis Ghanem

Oct. 2017 - Aug. 2019

Philadelphia, PA

Editorial Office Manager

Elsevier | Drug & Alcohol Dependence

Editor in Chief: Eric Strain

Nov. 2016 - May 2018

Baltimore, MD

Research Coordinator

Johns Hopkins University | Behavioral Pharmacology Research Unit

PI: Ryan Vandrey, Maxine Stitzer

April 2016 - Oct. 2017

Baltimore, MD

Research Assistant

Johns Hopkins University | Behavioral Pharmacology Research Unit
PI: Ryan Vandrey, Maxine Stitzer

Sept. 2013 - April 2016
Baltimore, MD

HONORS & AWARDS

First Place Dissertation Proposal <i>Fox Center for Applied Research in Decision Making (CARD) - Ipsos</i>	Feb. 2024 \$2500
Summer Fellowship <i>Methods in Neuroscience at Dartmouth Computational Summer School</i>	Aug. 2023
Summer Fellowship <i>Summer Institute for Social and Personality Psychology (SISPP)</i>	July 2023
Fellowship <i>NeuroHackademy</i>	July 2022
Mentor of the Year <i>Temple University Psychology Department Honors Class</i>	April 2022
Graduate Travel Award <i>Society for Personality & Social Psychology (SPSP)</i>	Feb. 2022 \$500
Poster Award <i>Social & Affective Neuroscience Society (SANS)</i>	April 2021 \$200
Poster Award <i>Society for Personality & Social Psychology (SPSP) Emotion Pre-Conference</i>	Feb. 2021
Presidential Scholarship <i>Loyola University Maryland</i>	Sept. 2011 - May 2014
University Scholarship <i>Loyola University Maryland</i>	Sept. 2011 - May 2014

PUBLICATIONS

In Preparation

- Mitchell, W. J., Bounyarith, T., O'Shea, I., Stasiak, J., Schmidt, H., & Helion, C. (n.d.-a). *Synchrony in dynamic social and non-social decision-making under uncertainty* [In Preparation].
- Mitchell, W. J., Schmidt, H., & Helion, C. (n.d.-b). *Neural effects of continuous ratings during active engagement within a video fmri paradigm* [In Preparation].
- Mitchell, W. J., Stasiak, J., & Helion, C. (n.d.). *Dynamic moral appraisal as a function of interpretive perspective during naturalistic viewing* [In Preparation].

Under Review

- Johnston, C. R., Cunningham, R. M., Smith, O. V., Dow, K., Kilmer, A., Mitchell, W. J., Murty, V. P., & Jarcho, J. M. (n.d.). *Neural response to social feedback moderates the relationship between childhood abuse and subsequent harsh parenting* [Under Review].
- Kos, M., Mitchell, W. J., Wyngaarden III, C., James B. Helion, Smith, D. V., Fareri, D. S., & Jarcho, J. (n.d.). *Representations of monetary and social feedback across social and non-social contexts* [Under Review].
- O'Shea, I., Reisman, S., Gregory, D. F., Stasiak, J., Mitchell, W. J., Jarcho, J., Adcock, A. R., Helion, C., & Murty, V. (n.d.). *Threat-related arousal biases the content and communication of episodic memory* [Under Review].
- Reisman, S., Gregory, D. F., Stasiak, J., Mitchell, W. J., Helion, C., & Murty, V. (n.d.). *Influence of naturalistic, emotional context and intolerance of uncertainty on arousal-mediated biases in episodic memory* [Under Review]. <https://doi.org/http://dx.doi.org/10.34944/dspace/7922>
- Ulichney, V., Helzer, E., Mitchell, W. J., Pizarro, D., & Helion, C. (n.d.). *Drawn to the dark side? estimating the contributions of moral impulse strength and self-control in predictions of moral behavior* [Under Review].

Published

- Martinez, S., Cliver, I., Katelyn, Mitchell, W. J., Schmidt, H., Ulichney, V., Chein, J., & Murty, V. (2025). Linguistic properties of memory expression differentially relate to accuracy, specificity, and perceived veracity. *Psychonomic Bulletin Review*, 1–11. <https://doi.org/10.3758/s13423-025-02667-9>

- Mitchell, W. J., Stasiak, J., Martinez, S. A., Cliver, K., Gregory, D., Reisman, S., Schmidt, H., Murty, V., & Helion, C. (2025). Emotion regulation strategy use and forecasting in response to dynamic, multimodal stimuli. *Journal of Experimental Psychology: General*, Advance online publication. <https://doi.org/10.1037/xge0001715>
- Schmidt, H., Tran, S., Medaglia, J. D., Ulichney, V., Mitchell, W. J., & Helion, C. (2025). Conversational linguistic features inform social-relational inference. *Psychonomic Bulletin & Review*, 1–18. <https://doi.org/10.3758/s13423-025-02654-0>
- Cliver, K. G., Gregory, D. F., Martinez, S. A., Mitchell, W. J., Stasiak, J. E., Reisman, S. S., Helion, C., & Murty, V. P. (2024). Temporal memory for threatening events encoded in a haunted house [PMID: 38625561]. *Cognition and Emotion*, 1–17. <https://doi.org/10.1080/02699931.2024.2338962>
- Stasiak, J. E., Mitchell, W. J., Reisman, S. S., Gregory, D. F., Murty, V. P., & Helion, C. (2023). Physiological arousal guides situational appraisals and metacognitive recall for naturalistic experiences. *Neuropsychologia*, 180, 108467. <https://doi.org/10.1016/j.neuropsychologia.2023.108467>
- Kastl, A., Zong, W., Gershuni, V. M., Friedman, E. S., Tanes, C., Mitchell, W. J., Boateng, A., O'Connor, K., Bittinger, K., Terry, N. A., Bales, C., Albenberg, L., & Wu, G. D. (2022). Dietary fiber-based regulation of bile salt hydrolase activity in the gut microbiota and its relevance to human disease. *Gut Microbes*, 14(1), 2083417. <https://doi.org/10.1080/19490976.2022.2083417>
- Mitchell, W. J., Tepfer, L. J., Henninger, N. M., Perlman, S. B., Murty, V. P., & Helion, C. (2021). Developmental Differences in Affective Representation Between Prefrontal and Subcortical Structures. *Social Cognitive and Affective Neuroscience*, 17(3), 311–322. <https://doi.org/10.1093/scan/nsab093>

TEACHING & MENTORSHIP

Instructor of Record

Developmental Psychology Temple University	Summer 2023
Developmental Psychology Temple University	Summer 2022
Statistics for Psychology Temple University	Summer 2021

Teaching Assistant

Workings of the Mind Temple University	Fall 2023
Behavioral Neuroscience Temple University	Spring 2023
Statistics for Psychology Temple University	Fall 2022
Fundamentals of Neuroscience Temple University	Spring 2021
Fundamentals of Neuroscience Temple University	Fall 2020

Workshop Designer/Leader

Analyzing Data in R The Coding Outreach Group	Dec. 2023
Introduction to SQL The Coding Outreach Group	July 2023
Analyzing Data in R The Coding Outreach Group	Dec. 2022
Animating Data in R The Coding Outreach Group	July 2022
Analyzing Data in R The Coding Outreach Group	Dec. 2021
Visualizing Data in R The Coding Outreach Group	July 2021

Miscellaneous

BPRU Internship Program Manager Johns Hopkins University	2015 - 2017
Psychology Department Mentor Loyola University Maryland	2012 - 2014

Undergraduate Mentees

Ashley Forrest Temple University	2024 - 2025
Caroline George Temple University	2023 - 2024
Aaliyah Johnson Temple University	2023
Tiara Bounyarith Temple University	2022 - 2023
Modupe Osuntokun Temple University	2022
Brett Kunkel West Chester University	2022 - 2024
Angelique Vittone Temple University	2021-2022
Sophia Tran Temple University	2020 - 2022
Niambe Bacon Lincoln University	2021

PROGRAMMING CONTRIBUTIONS

DnDr

Dungeons & Dragons Functions for Players and Dungeon Masters

Contributor

R

jsPsych

a framework for creating behavioral experiments that run in a web browser

Contributor

JavaScript, HTML

RELEVANT SERVICE & LEADERSHIP

Technical Organizer Staff

Temple University Graduate Student Association

2025 - 2026

Panelist

Temple University First-Generation Graduate Student Panel

2025

Election Committee Lead for Board Positions

Temple University Graduate Student Association

2024, 2025

Ad Hoc Reviewer

Journal of Neuroscience

2023

Colloquium Coordinator

Temple University Neuroscience Colloquium Series

2023

Steward

Temple University Graduate Student Association

2023 - 2024

Action Coordinator

Temple University Graduate Student Association

2023

Co-Director

Coding Outreach Group

2022 - 2024

Program Assistant

Coding Outreach Group

2021 - 2022

Contract Research Team

Temple University Graduate Student Association

2021, 2024

Research Awards Reviewer

SPSP Student Committee

2021

Core Coordination Team

Temple University Graduate Student Association

2020 - 2023

Racial Justice Committee

Temple University Graduate Student Association

2020 - 2021

Remodeling Committee Coordinator

Johns Hopkins BPRU

2016 - 2017

Psi Chi Honors Society Chapter Co-President

Loyola University Maryland

2013 - 2014

Co-Founder, Co-President

Loyola University Maryland Psychological Research Society (PURSUE)

2013 - 2014

POSTERS & PRESENTATIONS

Invited Presentations

Decision-Making in Dynamic and Complex Contexts

Social & Affective Neuroscience Lab

Jan. 2025

Rutgers University - Newark

Examining Neural Synchrony When We Resolve Uncertainty

The Mid-Atlantic Neuroscience Diversity Scholars (MiNDS) program

Sept. 2024

Temple University

Neural and Behavioral Synchrony in Social and Non-Social Uncertainty Using Video Stimuli

Functional Imaging & Naturalistic Neuroscience Lab

Feb. 2024

Dartmouth University

Emotions, Self-Regulation Use, and Forecasting Using Dynamic, Feature-Rich Stimuli

Affective & Brain Sciences Lab

Dec. 2023

Northeastern University

Fear Factor: Emotions and Self-Regulation in a Threatening, Quasi-Naturalistic Setting

March Lab

Oct. 2023

Florida State University

Neural Representations of Affective Information Across Developmental Contexts

Fundamentals of the Adolescent Brain Lab

Oct. 2021

Yale University

Symposia & Seminars

- Moriarty, D., **Mitchell, W.J.**, Slavich, G.M., Forney, J., & Schermitzler, B. (2024). Beyond the Trier: Embracing the Diversity of Stressful Experiences and Moving Toward Precision Stress Research. *Annual Conference of the Association of Psychological Science in San Francisco, CA.* **Presenter Video**
- Mitchell, W.J.**, Helion, C., Satpute, A.B., Nook, E.C., & Cosme, D.J., (2022). Contextualizing Emotion – Influences of Context on Affective Representation, Experience and Regulation. *Annual Conference of the American Psychological Association in Minneapolis, MN.* **Organizer Presenter**
- Mitchell, W.J.**, Tepfer, L. J., Henninger, N. M., Perlman, S. B., Murty, V. P., & Helion, C. (2022). Neurodevelopmental differences in affective representations between adults and children. *Annual Decision Neuroscience Symposium in Philadelphia, PA.* **Presenter**
- Mitchell, W.J.**, Stasiak, J., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2020). When We Regulate At Eastern State: Regulation Beyond the Lab. *Maladaptive Motivational Behavior Seminar Series in Philadelphia, PA.* **Presenter**

Selected Poster Presentations

- Mitchell, W.J.**, Stasiak, J., Cliver, K., Martinez, S., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2025). High-Intensity, Dynamic Stimuli Complicate Emotion Regulation Strategy Usage. *First Annual Princeton Summit for Affective Science in Princeton, NJ.* **Presenter**
- Moughan, E., **Mitchell, W.J.**, & Helion, C. (2025). Tracking the Influence of Emotional Uncertainty on Memory for Complex Social Events. *Annual Convention of the Social and Affective Neuroscience Society in Chicago, IL.*
- Mitchell, W.J.**, Schmidt, H., & Helion, C. (2025). The Neural Impact of Continuous Ratings in a Naturalistic Video Paradigm. *Annual Convention of the Social and Affective Neuroscience Society in Chicago, IL.* **Presenter**
- Mitchell, W.J.**, O'Shea, I., Bounyarith, T., Stasiak, J., & Helion, C. (2024). Neural and Behavioral Synchrony in Social and Non-Social Uncertainty using Video Stimuli. *Annual Convention of the Social and Affective Neuroscience Society in Toronto, Canada.* **Presenter**
- Schmidt, H., Tran, S., Medaglia, J., Ulichney, V., **Mitchell, W. J.**, & Helion, C. (2024). Conversation Similarity Predicts Social Relational Inference. *Annual Convention of the Social and Affective Neuroscience Society in Toronto, Canada.*
- Mitchell, W.J.**, Stasiak, J., Cliver, K., Martinez, S., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2024). High-Intensity, Dynamic Stimuli Complicate Emotion Regulation Strategy Usage. *Annual Convention of the Society for Personality and Social Psychology in San Diego, CA.* **Presenter**
- Mitchell, W.J.**, Stasiak, J., Cliver, K., Martinez, S., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2023). Emotion Regulation Strategy Usage in a Quasi-Naturalistic Context. *Annual Convention of the Society for Affective Science in Long Beach, CA.* **Presenter**
- Martinez, S., Cliver, K., **Mitchell, W.J.**, Schmidt, H., Helion, C., Chein, J., & Murty, V.P. Linguistic cues of memory accuracy differ for low-threat and high-threat memories. (2023). *Annual Convention of the Cognitive Neuroscience Society in San Francisco, CA.*
- Mitchell, W.J.**, Tepfer, L.J., Henninger, N., Perlman, S.B., Murty, V., & Helion, C. (2022). Do You Feel How I Feel?: Developmental Differences in Affective Neural Representations. *Annual Flux convention in Paris, FR.* **Presenter Video**
- Mitchell, W.J.**, Stasiak, J., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2022). Emotional Intensity Influences Prediction but Not Action in Emotion Regulation. *Annual Convention of the Society for Affective Science.* **Presenter Video**
- Martinez, S., Cliver, K., **Mitchell, W.J.**, Helion, C., Chein, J., & Murty, V.P. Learning Goals Drive Retroactive Memory Enhancements for a Real-Life Experience. (2022). *Annual Convention of the Cognitive Neuroscience Society in San Francisco, CA.*
- Cliver, K., Gregory, D., Martinez, S., Mitchell, W., Stasiak, J., Reisman, S., Helion, C., Murty, V. P. (2022) Temporal Memory for Threatening Events Encoded in a Haunted House. *Annual Convention of the Cognitive Neuroscience Society in San Francisco, CA.*
- Mitchell, W.J.**, Stasiak, J., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2022). Emotional Intensity Influences Prediction but Not Action in Emotion Regulation. *Annual Convention of the Society for Personality and Social Psychology.* **Presenter Video**
- Mitchell, W.J.**, Tepfer, L.J., Henninger, N., Murty, V., Helion, C., & Perlman, S.B. (2021). Do You Feel How I Feel?: Developmental Differences in Affective Neural Representations. *Annual Meeting of the Social Affective Neuroscience Society.* **Presenter Video**
- Mitchell, W.J.**, Tepfer, L.J., Henninger, N., Murty, V., Helion, C., & Perlman, S.B. (2021). Do You Feel What I Feel?: Developmental Differences in Emotion Representation. *Annual Meeting of the Society for Personality and Social Psychology Emotion Pre-Conference.* **Presenter Video**
- Mitchell, W.J.**, Stasiak, J., Gregory, D., Reisman, S., Murty, V., & Helion, C. (2021). Fear and Loathing in Eastern State Penitentiary: Emotion Regulation in a Quasi-Naturalistic Setting. *Annual Meeting of Society for Personality and Social Psychology.* **Presenter**
- Stasiak, J., **Mitchell, W.J.**, Reisman, S., Gregory, D., Murty, V., & Helion, C. (2021). Talking about fright club: Physiological and emotional arousal guide metacognition for naturalistic experiences. *Annual Meeting of the Social and Affective Neuroscience Society (Virtual).*

- Reisman, S., **Mitchell, W.J.**, Stasiak, J., Gregory, D. F., Helion, C., & Murty, V. P. (2021). Intolerance of uncertainty influences arousal-mediated biases in episodic memory. *Annual Meeting of the Cognitive Neuroscience Society (Virtual)*.
- Stasiak, J., Helion, C., **Mitchell, W.J.**, Reisman, S., Gregory, D., & Murty, V. P. (2021). Disparities in self-regulation assessments of emotionally salient experiences. *Annual Convention of the Society for Personality and Social Psychology (Virtual)*.
- Reisman, S., Gregory, D. F., **Mitchell, W.J.**, Stasiak, J., Helion, C., & Murty, V. P. (2020). Amplification of perceptual details in memory for a real-world, emotionally-arousing event. *Annual Context and Episodic Memory Symposium (Virtual)*.
- Gregory, D. F., Reisman, S., **Mitchell, W.J.**, Stasiak, J., Helion, C., & Murty, V. P. (2020). Disruption of temporal clustering and forward transition movement during memory recall for a real-world, emotionally-arousing event. *Annual Context and Episodic Memory Symposium (Virtual)*.

PROFESSIONAL MEMBERSHIPS

Flux Society	2021 - 2023
Society for Affective Science	2021 - 2023
Social & Affective Neuroscience Society	2020 - Present
Association for Psychological Science	2020 - 2023
Society for Personality & Social Psychology	2020 - 2025