

William John Mitchell

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Philadelphia, Pennsylvania - 19129, USA

Last Updated on November 12, 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	Feb. 2024
Fox Center for Applied Research in Decision Making (CARD) - Ipsos	\$2500
Summer Fellowship	Aug. 2023
Methods in Neuroscience at Dartmouth Computational Summer School	
Summer Fellowship	July 2023
Summer Institute for Social and Personality Psychology (SISPP)	
Fellowship	July 2022
NeuroHackademy	
Mentor of the Year	April 2022
Temple University Psychology Department Honors Class	
Graduate Travel Award	Feb. 2022
Society for Personality & Social Psychology (SPSP)	\$500
Poster Award	April 2021
Social & Affective Neuroscience Society (SANS)	\$200
Poster Award	Feb. 2021
Society for Personality & Social Psychology (SPSP) Emotion Pre-Conference	
Presidential Scholarship	Sept. 2011 - May 2014
Loyola University Maryland	
University Scholarship	Sept. 2011 - May 2014
Loyola University Maryland	

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., Schmidt, H., & 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	<i>Summer 2023</i>
Teaching Evaluation: 4.7 / 5.0	
Developmental Psychology Temple University	<i>Summer 2022</i>
Teaching Evaluation: 4.9 / 5.0	
Statistics for Psychology Temple University	<i>Summer 2021</i>
Teaching Evaluation: 4.8 / 5.0	

Teaching Assistant

Workings of the Mind Temple University	<i>Fall 2023</i>
Teaching Evaluation: 4.8 / 5.0	
Behavioral Neuroscience Temple University	<i>Spring 2023</i>
Teaching Evaluation: N/A	
Statistics for Psychology Temple University	<i>Fall 2022</i>
Teaching Evaluation: 4.8 / 5.0	
Fundamentals of Neuroscience Temple University	<i>Spring 2021</i>
Teaching Evaluation: N/A	
Fundamentals of Neuroscience Temple University	<i>Fall 2020</i>
Teaching Evaluation: N/A	

Workshop Designer/Leader

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

Miscellaneous

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

Undergraduate Mentees

Ashley Forrest Temple University	<i>2024 - 2025</i>
Caroline George Temple University	<i>2023 - 2024</i>

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	<i>Dungeons & Dragons Functions for Players and Dungeon Masters</i>	<i>Contributor</i>
		R
jsPsych	<i>a framework for creating behavioral experiments that run in a web browser</i>	<i>Contributor</i>
		JavaScript, HTML

RELEVANT SERVICE & LEADERSHIP

Administrative Organizer	<i>Temple University Graduate Student Association</i>	2025 - Present
Panelist	<i>Temple University First-Generation Graduate Student Panel</i>	2025
Election Committee Lead for Board Positions	<i>Temple University Graduate Student Association</i>	2024, 2025
Ad Hoc Reviewer	<i>Journal of Neuroscience</i>	2023
Colloquium Coordinator	<i>Temple University Neuroscience Colloquium Series</i>	2023
Steward	<i>Temple University Graduate Student Association</i>	2023 - 2024
Action Coordinator	<i>Temple University Graduate Student Association</i>	2023
Co-Director	<i>Coding Outreach Group</i>	2022 - 2024
Program Assistant	<i>Coding Outreach Group</i>	2021 - 2022
Contract Research Team	<i>Temple University Graduate Student Association</i>	2021, 2024
Research Awards Reviewer	<i>SPSP Student Committee</i>	2021
Core Coordination Team	<i>Temple University Graduate Student Association</i>	2020 - 2023
Racial Justice Committee	<i>Temple University Graduate Student Association</i>	2020 - 2021
Remodeling Committee Coordinator	<i>Johns Hopkins BPRU</i>	2016 - 2017
Psi Chi Honors Society Chapter Co-President	<i>Loyola University Maryland</i>	2013 - 2014
Co-Founder, Co-President	<i>Loyola University Maryland Psychological Research Society (PURSUE)</i>	2013 - 2014

POSTERS & PRESENTATIONS

Invited Presentations

Decision-Making in Dynamic and Complex Contexts	<i>Social & Affective Neuroscience Lab</i>	<i>Jan. 2025</i>
		Rutgers University - Newark
Examining Neural Synchrony When We Resolve Uncertainty	<i>The Mid-Atlantic Neuroscience Diversity Scholars (MiNDS) program</i>	<i>Sept. 2024</i>
		Temple University
Neural and Behavioral Synchrony in Social and Non-Social Uncertainty Using Video Stimuli	<i>Functional Imaging & Naturalistic Neuroscience Lab</i>	<i>Feb. 2024</i>
		Dartmouth University
Emotions, Self-Regulation Use, and Forecasting Using Dynamic, Feature-Rich Stimuli	<i>Affective & Brain Sciences Lab</i>	<i>Dec. 2023</i>
		Northeastern University

Symposia & Seminars

- Moriarity, 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**

Data Blitzes

- 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. *Second Annual Princeton Summit for Affective Science in Princeton, NJ*. **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. *Second 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