

# 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

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

## PUBLICATIONS

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### *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

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### *Instructor of Record*

<b>Developmental Psychology</b>   Temple University <i>Teaching Evaluation: 4.7 / 5.0</i>	Summer 2023
<b>Developmental Psychology</b>   Temple University <i>Teaching Evaluation: 4.9 / 5.0</i>	Summer 2022
<b>Statistics for Psychology</b>   Temple University <i>Teaching Evaluation: 4.8 / 5.0</i>	Summer 2021

### *Teaching Assistant*

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

### *Workshop Designer/Leader*

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

### *Miscellaneous*

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

### *Undergraduate Mentees*

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

<b>Aaliyah Johnson</b>   Temple University	2023
<b>Tiara Bounyarith</b>   Temple University	2022 - 2023
<b>Modupe Osuntokun</b>   Temple University	2022
<b>Brett Kunkel</b>   West Chester University	2022 - 2024
<b>Angelique Vittone</b>   Temple University	2021-2022
<b>Sophia Tran</b>   Temple University	2020 - 2022
<b>Niambe Bacon</b>   Lincoln University	2021

## PROGRAMMING CONTRIBUTIONS

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

## RELEVANT SERVICE & LEADERSHIP

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

## POSTERS & PRESENTATIONS

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### *Invited Presentations*

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

## *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

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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