



# WILLIAM JOHN MITCHELL

PhD Researcher, Social Affective Neuroscience

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## ABOUT ME

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

## EXPERTISE

### Programming Languages

R Bash Python CSS Git  
Markdown LaTeX SQL HTML

### Neuroimaging Tools

Lvl 3 Siemens 3T Prisma FSL  
fMRIPrep NITools MRICroGL

### Experiment Design & Analysis

Adobe Creative Suite Rayyan.AI  
Hume.AI EmoNet PsychoPy  
Reaper LIWC jsPsych Whisper

### Electronic Data Capture

Qualtrics REDCap EPIC  
OnCore Prolific MTurk Shiny

## AWARDS & HONORS

2024 | **First Place** :  
Fox CARD-Ipsos Dissertation Proposal Award

2023 | **Fellowship** :  
MIND Summer Program

2023 | **Fellowship** :  
SISPP Summer Program

2022 | **Fellowship** :  
Neurohackademy Summer Program

2022 | **Honors Mentor of the Year** :  
Temple Psychology

2022 | **Graduate Travel Award** :  
Society for Personality & Social Psych.

2021 | **Best Poster Award** :  
Social Affective Neuroscience Society

2021 | **Best Poster Award** :  
SPSP Emotion Pre-conference

2011 - 2014 | **Presidential Scholarship** :  
Loyola University Maryland

2010 - 2014 | **University Scholarship** :  
Loyola University Maryland

## EDUCATION

### Ph.D. | Cognition & Neuroscience

Mentor: Chelsea Helion

Sept 2019 – Dec 2025

Temple University

GPA: 3.97

Concentration in Quantitative Methods

### B.A. | Psychology

Graduated Magna Cum Laude

Sept 2010 – May 2014

Loyola University Maryland

## RESEARCH EXPERIENCE

### Graduate Research Assistant | Social & Affective Neuroscience Lab

PI: Chelsea Helion

Sept 2019 – Ongoing

Temple University

### Clinical Research Coordinator | Gastroenterol., Hepatol., & Nutrit.

PIs: Natalie Terry, Louis Ghanem

Oct 2017 – Aug 2019

Children's Hospital of Phila.

### Editorial Office Manager | Drug & Alcohol Dependence

Editor in Chief: Eric Strain

Nov 2016 – May 2018

Elsevier

### Research Coordinator | Behavioral Pharmacology Research Unit

PIs: Ryan Vandrey, Maxine Stitzer

April 2016 – Oct 2017

Johns Hopkins University

### Research Assistant

Sept 2013 – April 2016

## EXTERNAL FUNDING

2024 - 2026 NIH D-SPAN F99 Pre-Doctoral Scholar NINDS

2026 - 2030 NIH D-SPAN K00 Post-Doctoral Scholar NINDS

## MANUSCRIPTS

### In Progress

Martinez, S., Cliver, I., Katelyn, **Mitchell, W. J.**, Schmidt, H., Ulichney, V., Chein, J., & Murty, V. (n.d.). *Linguistic properties of memory expression influence perceptions of veracity, despite being unrelated to memory accuracy* [Under Review].

**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., Martinez, S. A., Cliver, K., Gregory, D., Reisman, S., Schmidt, H., Murty, V., & Helion, C. (n.d.-c). *Emotion regulation strategy use and forecasting in response to dynamic, multimodal stimuli* [Under Review]. <https://doi.org/10.31234/osf.io/23wtz>

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].

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].

# TEACHING & MENTORSHIP

## Workshop Designer/Leader

- 2023 | **Analyzing Data in R** : The Coding Outreach Group
- 2023 | **Introduction to SQL** : The Coding Outreach Group
- 2022 | **Analyzing Data in R** : The Coding Outreach Group
- 2022 | **Animating Data in R** : The Coding Outreach Group
- 2021 | **Analyzing Data in R** : The Coding Outreach Group
- 2021 | **Visualizing Data in R** : The Coding Outreach Group

## Instructor of Record

- 2023, Summer | Temple University : **Developmental Psychology**
- 2022, Summer | Temple University : **Developmental Psychology**
- 2021, Summer | Temple University : **Statistics for Psychology**

## Teaching Assistant

- 2023, Fall | Temple University : **Workings of the Mind**
- 2023, Spring | Temple University : **Behavioral Neuroscience**
- 2022, Fall | Temple University : **Statistics for Psychology**
- 2021, Spring | Temple University : **Fundamentals of Neuroscience**
- 2020, Fall | Temple University : **Fundamentals of Neuroscience**

## Miscellaneous

- 2015 - 2017 | Johns Hopkins Univ. : **BPRU Internship Program Manager**
- 2012 - 2014 | Loyola Univer. Maryland : **Psychology Department Mentor**

## Undergrad Mentees

- Caroline George: Temple University
- Aaliyah Johnson: Temple University
- Tiara Bounyarith: Temple University
- Modupe Osuntokun: Temple University
- Brett Kunkel: West Chester University
- Angelique Vittone: Temple University
- Sophia Tran: Temple University
- Niambe Bacon: Lincoln University

## Published

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>

## RELEVANT SERVICE & LEADERSHIP

📅 2024	Election Committee Lead	Temple Univ. Grad. Student Association
📅 2023	Ad Hoc Reviewer	Journal of Neuroscience
📅 2023	Coordinator	Temple Univ. Neurosci. Colloquium Series
📅 2022 - 2024	Co-Director	Temple Univ. Coding Outreach Group
📅 2021 - 2022	Program Assistant	Temple Univ. Coding Outreach Group
📅 2023 - 2024	Steward	Temple Univ. Grad. Student Association
📅 2023	Labor Action Coordinator	Temple Univ. Grad. Student Association
📅 2020 - 2023	Core Coordination Team	Temple Univ. Grad. Student Association
📅 2020 - 2021	Racial Justice Committee	Temple Univ. Grad. Student Association
📅 2021	Research Awards Reviewer	SPSP Student Committee
📅 2016 - 2017	Coordinator	Johns Hopkins BPRU Remodeling Committee
📅 2013 - 2014	Chapter Co-President	Loyola Univ. Psi Chi Honors Society
📅 2013 - 2014	Co-Founder, Co-President	Loyola Univ. PURSUE Psych. Research Society

## POSTERS & PRESENTATIONS

### Invited Presentations

- 2024 - *Functional Imaging & Naturalistic Neuroscience Lab, Dartmouth University*. Neural and Behavioral Synchrony in Social and Non-Social Uncertainty Using Video Stimuli. **Presenter**
- 2023 - *Affective & Brain Sciences Lab, Northeastern University*. Emotions, Self-Regulation Use, and Forecasting Using Dynamic, Feature-Rich Stimuli. **Presenter**
- 2023 - *March Lab, Florida State University*. Fear Factor: Emotions and Self-Regulation in a Threatening, Quasi-Naturalistic Setting. **Presenter**
- 2021 - *Fundamentals of the Adolescent Brain Lab, Yale University*. Neural representations of affective information across developmental contexts. **Presenter**

### 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**
- 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**

# PROFESSIONAL MEMBERSHIP

Since 2021: Flux  
Since 2021: SAS  
Since 2020: SANS  
Since 2020: APS  
Since 2020: SPSP

- 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., 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)*.