

# Kaylee Miceli

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## EDUCATION

2030 (expected)

### **Duke University**

Advisors: Dr. Cristina Salvador and Dr. Felipe De Brigard

2021

### **University of North Carolina at Chapel Hill**

B.A. in Psychology and Interdisciplinary Studies: Neuroscience, Philosophy, and Religion

**Honors Thesis:** Neural Correlates of Multifeatural Encoding in Aging using fMRI

**Advisor:** Dr. Kelly Giovanello

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## RESEARCH EXPERIENCE

2025 – Present

### **Duke Culture Lab: PhD Student**

Advisors: Dr. Cristina Salvador and Dr. Felipe De Brigard, Duke University, Durham, NC

2021 – 2024

### **Imagination and Modal Cognition Laboratory: Lab Manager and Research Assistant**

Advisor: Dr. Felipe De Brigard, Duke University, Durham, NC

2020 – 2021

### **Cognitive Neuroscience of Memory Laboratory: Research Assistant**

Advisor: Dr. Kelly Giovanello, University of North Carolina, Chapel Hill, NC

2017 – 2019

### **Carolina Affective Science Laboratory: Research Assistant**

Advisor: Dr. Kristen Lindquist, University of North Carolina, Chapel Hill, NC

2018

### **Tan Tao School of Medicine: Independent Researcher**

Tan Tao University, Ho Chi Minh City, Vietnam

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## PUBLICATIONS

Trakas, M.† & **Miceli, K.**† (In press). The debate on continuity between the waking and dreaming minds. In: De Brigard F. & Sinnott-Armstrong W. (Eds.) *Neuroscience and Philosophy. Volume II*. MIT Press: Cambridge, MA.

Morales-Torres, R.†, **Miceli, K.**†, Huang, S., Szpunar, K., & De Brigard, F. (2025). Episodic details are better remembered in likely relative to unlikely counterfactual simulations. *Psychonomic Bulletin & Review*.

**Miceli, K.**†, Morales-Torres, R.†, Khoudary, A., Faul, L., Parikh, N., & De Brigard, F. (2024). Perceived plausibility modulates hippocampal activity in episodic counterfactual thinking. *Hippocampus*, 34(1): 2-6.

**Miceli, K.**, Van Rooy, N., O'Neill, K., & De Brigard, F. (2024). Causation on a continuum: normality effects on causal judgments. *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*, 46(0): 6410.

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## UNDER REVIEW/IN PREPARATION

Morales-Torres, R. †, **Miceli, K.** †, Khoudary, A., & De Brigard, F. (Under review). Disentangling plausibility, difficulty, and vividness in episodic counterfactual thinking. *Cognition*.

**Miceli, K.**, Van Rooy, N., O'Neill, K., & De Brigard, F. (In preparation). Normality effects on causal judgments with continuous variables.

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## PRESENTATIONS

Fernandez-Miranda, G., Faul, L., Howard, C., Socia, A., **Miceli, K.**, Labar, K., & De Brigard, F. (2025). *Phenomenological and Psychophysiological Differences Between Forgiven and Not Forgiven Remembered Wrongdoings* [Poster session]. 66<sup>th</sup> Annual Meeting of the Psychonomic Society, Denver, Colorado.

**Miceli, K.** & Trakas, M. (2024). *Continuity between wakefulness and the dreaming mind*. Invited talk for the Robert Stickgold Science of Sleep Series, Center for Sleep and Cognition (online).

Morales-Torres, R., **Miceli, K.**, & De Brigard, F. (2024). *Episodic details are better remembered in likely relative to unlikely counterfactual simulations* [Poster session]. 65<sup>th</sup> Annual Meeting of the Psychonomic Society, New York City, New York.

**Miceli, K.**, Van Rooy, N., O'Neill, K., & De Brigard, F. (2024). *Causation on a continuum: norm effects on causal judgments* [Poster session]. 46<sup>th</sup> Annual Meeting of the Cognitive Science Society, Rotterdam, Netherlands; 31<sup>st</sup> Annual Meeting of the European Society for Philosophy & Psychology, Grenoble, France.

Morales-Torres, R., **Miceli, K.**, Huang, S., & De Brigard, F. (2024). *Episodic counterfactual plausibility is negatively associated with ease of simulation: behavioral and neural evidence* [Poster session]. 31<sup>st</sup> Annual Meeting of the Cognitive Neuroscience Society, Toronto, Canada.

**Miceli, K.**, Morales-Torres, R., Khoudary, A., Faul, L., Parikh, N., & De Brigard, F. (2023). *Perceived plausibility modulates hippocampal activity in episodic counterfactual thinking* [Poster session]. 30<sup>th</sup> Annual meeting of the Cognitive Neuroscience Society, San Francisco, California; Annual North Carolina Cognition Conference, Greensboro, North Carolina.

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## GRANTS AND AWARDS

2025	National Science Foundation, Graduate Research Fellowship (1,500 awarded; \$127,000)
2020	Alexandre Senior Thesis Research Award, \$500
2019	<a href="#">Buckley Public Service Scholars Outward Bound Scholarship</a> , \$7,600
2018	<a href="#">Carolina Global Initiative Grant</a> , \$6,000

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## PROFESSIONAL EXPERIENCE

2021- 2024	<b>Program Coordinator</b> , <a href="#">Summer Seminars in Neuroscience and Philosophy</a> Duke University, Durham, NC
2022	<b>Co-organizer</b> , <a href="#">Memory and Forgiveness Workshop</a> Technological University of Bolivar, Cartagena, Colombia

2022

**Conference Manager, [Issues in Philosophy of Memory 3 \(IPM3\)](#)**  
Duke University, Durham, NC

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## ADDITIONAL TRAINING

2024 DIBS Methods Meetings Lecturer: ***Reference Management***

2024 DIBS Methods Meetings Lecturer: ***Intro to Power Analyses***

2023 DIBS Methods Meetings Lecturer: ***Intro to R's Tidyverse***

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## VOLUNTEER AND SERVICE

2022 – 2024 ***Contributor, [DIBS Methods Meetings](#)***

2022 – 2024 ***Committee Member, [Duke University Neuroscience Experience](#)***

2019 ***Assistant Editor, [Academic Undergraduate Journal IMPULSE](#)***

2017 – 2021 ***Treasurer, She's the First***

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## MENTORSHIP

2024 **Daniel Robelo**  
*The association of forgiveness with physiological responses to memories of past wrongdoings*, Duke University

2024 **Anthony Salgado**  
*The relationship between memory and forgiveness as seen in autobiographical interviews*, Duke University

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## SKILLS

### Programming and Software

R, JavaScript, MATLAB, Python, Markdown, LaTeX, HTML, Git, FSL, CONN toolbox, SPM, AcqKnowledge

### Data Collection

Behavioral (Qualtrics, Prolific); fMRI (8 coil 3T GE MR750); EDA, EMG, and ECG (BIOPAC MP160)

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## PROFESSIONAL AFFILIATIONS

Cognitive Neuroscience Society (CNS)  
Cognitive Science Society (CogSci)  
European Society for Philosophy and Psychology (ESPP)  
Philosophy of Memory Organization (PhOMO)  
Psychonomic Society (PS)  
Society for Personality and Social Psychology (SPSP)  
Society for Philosophy and Psychology (SPP)