

# BROOKE MONTGOMERY

Department of Psychology  
2007 Percival Stern Hall Tulane University  
New Orleans, LA 70118  
Email: [bmontgomery2@tulane.edu](mailto:bmontgomery2@tulane.edu)

**Research Interest:** Attention, Reward, & Development

## EDUCATION

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**Doctoral Student**, Psychological Science Fall 2023 – Present  
Focus: Brain, Cognition, and Developmental Science  
Tulane University  
New Orleans, LA  
Advisor: Dr. Julie Markant

**Bachelor of Science**, Psychology Fall 2017 – Spring 2021  
Louisiana State University  
Baton Rouge, LA

## AWARDS

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Graduate Student Best Poster Award, Tulane Research, Innovation and Creativity Summit 2024  
The Flowerree Summer Research Award 2024  
International Society for Developmental Psychobiology Travel Award 2022

## PUBLICATIONS

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Hunter, B., **Montgomery, B.**, Sridhar, A., & Markant, J. (in preparation). Endogenous Control and Reward-Based Mechanisms Shape Infants' Attention Biases to Caregiver Faces.

## PRESENTATIONS

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\*Denotes undergraduate mentee

Sridhar\*, A., Hunter, B.K., **Montgomery, B.**, & Markant, J. (2024, July). *Individual Differences in Reward Sensitivity Shape Infants' Attention Biases Towards Caregiver Faces*. Poster accepted to International Congress on Infant Studies, Glasgow, Scotland.

**Montgomery, B.**, Hunter, B.K., & Markant, J. (2024, April). *Investigating the Role of Direct Competition on Species- and Race-based Attention Orienting Biases to Faces during Infancy*. Poster presented at Tulane Research, Innovation and Creativity Summit, New Orleans, LA.

- Graduate Student Best Poster Award

Meyer\*, E., **Montgomery, B.**, & Markant, J. (2024, April). *Infants' Attention Orienting to Caregiver Versus Stranger Faces Relates to Caregivers' Self-Reported Anxiety*. Poster presented at Tulane Research, Innovation and Creativity Summit, New Orleans, LA.

Marcus, T., **Montgomery, B.**, & Markant, J. (2024, March). *Infant's Attention Biases Towards Caregivers vs. Strangers Reflect Social Network Size*. Poster presented at Cognitive Development Society, Pasadena, CA

**Montgomery, B.,** Hunter, B.K., Sridhar\*, A., & Markant, J. (2024, March). *Infant Sensitivity to Reward Influences Attention Biases towards Caregiver Faces*. Poster presented at Society for Affective Science, New Orleans, LA.

**Montgomery, B.,** Hunter, B.K., & Markant, J. (2023, November). *Differential Development of Attention Orienting and Attention Holding to Caregiver vs Stranger Faces in Infancy*. Poster presented at Psychonomic Society, San Francisco, CA.

**Montgomery, B.,** Hunter, B.K., & Markant, J. (2022, November). *Differential Impacts of the Covid-19 Pandemic on Infants' Attention Orienting and Attention Holding to Caregiver Faces*. Poster presented at the International Society for Developmental Psychobiology, San Diego, CA.

Sridhar\*, A., **Montgomery, B.,** Hunter, B.K., & Markant, J. (2022, September). *Infant Reactivity Predicts Attention Orienting Biases to Caregiver vs. Stranger Faces*. Presentation at the International Congress on Infant Studies Founding Generation Fellowship Fall Symposium (virtual).

Sridhar\*, A., **Montgomery, B.,** Hunter, B.K., & Markant, J. (2022, August). *Infant Temperament Predicts Attention Orienting Biases to Caregiver vs. Stranger Faces*. Poster presented at the Tulane University Research Program in Neuroscience Summer Program, New Orleans, LA

## RESEARCH EXPERIENCE

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**Doctoral Student** Fall 2023 – Present  
Learning & Brain Development Lab  
Department of Psychology, Tulane University  
PI: Dr. Julie Markant

**Laboratory Manager** August 2021 – August 2023  
Learning & Brain Development Lab  
Department of Psychology, Tulane University  
PI: Dr. Julie Markant

**Research Assistant** Spring 2021 – Summer 2021  
Brain and Memory Lab  
Department of Psychology, Louisiana State University  
PI: Dr. Heather Lucas

**Research Assistant** Fall 2020 – Spring 2021  
Elliott Attention Recall and Sounds Lab  
Department of Psychology, Louisiana State University  
PI: Dr. Emily Elliott

**Research Assistant** Spring 2020  
Jason Hick's Lab  
Department of Psychology, Louisiana State University  
PI: Dr. Jason Hicks

## DEPARTMENT & UNIVERSITY SERVICE

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**Student Representative, Psychology** Fall 2023 – Present  
Graduate Studies Student Association

**Student Representative, Search Committee**

Fall 2023 – Present

Tenure-track Assistant Professor in Developmental Psychology  
Psychology Department, Tulane University

**TEACHING EXPERIENCE**

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**Guest Lecture**

Spring 2024

CRN 35131: *Applications of Psychology*  
University of Central Arkansas

**PROFESSIONAL AFFILIATIONS**

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Psychonomic Society Member

Spring 2023 – Present

Tulane Graduate Women in Science and Engineering

Fall 2023 – Present

International Society for Developmental Psychobiology Member

Fall 2022 – Present

Women in Cognitive Science

Spring 2022 – Present

The Greater New Orleans Society for Neuroscience

Fall 2021 – Present

**SKILLS & QUALIFICATIONS**

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**Data Collection and Processing Software:** BioSemi, Dataviewer, Datavyu, Mindware, Qualtrics, RedCap, SR Research

**Experiment and Stimulus Design:** Adobe Creative Suite, Experiment Builder

**Statistical Software:** MATLAB, R, SPSS

**Other Software:** Canva, Elementor, FileMaker Pro, IRBManager, SONA Systems, Wordpress

**REFERENCES**

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**Dr. Julie Markant**, Assistant Professor, Department of Psychology, Tulane University, New Orleans, Louisiana

Email: [jmarkant@tulane.edu](mailto:jmarkant@tulane.edu)

**Dr. Emily Elliott**, Professor and Department Chair, Department of Psychology, Louisiana State University, Baton Rouge, Louisiana

Email: [eelliott@lsu.edu](mailto:eelliott@lsu.edu)

**Dr. Heather Lucas**, Assistant Professor, Department of Psychology, Louisiana State University, Baton Rouge, Louisiana

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