

BROOKE MONTGOMERY

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

Research Interest: Attention, Reward, Development, and Multi-Media Contexts

EDUCATION

Doctoral Student, Psychological Science Fall 2023 – Present
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

HONORS & AWARDS

International Society for Developmental Psychobiology Travel Award September 2022

PUBLICATIONS

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

PRESENTATIONS

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.

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

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

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

Guest Lecture

Spring 2024

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

PROFESSIONAL AFFILIATIONS

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

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

Dr. Julie Markant, Assistant Professor, Department of Psychology, Tulane University, New Orleans, Louisiana
Email: jmarkant@tulane.edu

Dr. Emily Elliott, Professor and Department Chair, Department of Psychology, Louisiana State University, Baton Rouge, Louisiana
Email: eelliott@lsu.edu

Dr. Heather Lucas, Assistant Professor, Department of Psychology, Louisiana State University, Baton Rouge, Louisiana
Email: hlucas2@lsu.edu