

School of Psychology  
Georgia Institute of Technology  
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**EDUCATION**

- December 2021      Ph.D. Applied Psychology – Concentration in Cognitive Science, Mississippi State University  
Dissertation: Discrete Processing in Visual Perception (Advisor: Michael S. Pratte)
- December 2018      M.S. Psychology, Mississippi State University  
Thesis: The Role of Early Visual Cortex in Global Motion Perception
- July 2014            M.S. Experimental Psychology, Georgia Southern University  
Thesis: Match-to-Sample Stroop Task: A Systematic Manipulation of Sample and Response Option Onset
- May 2012            B.S. Psychology, Magna cum Laude, Armstrong State University  
Honors Project: Non-Visual Spatial Learning of Array Geometry Via Touch

**ACADEMIC APPOINTMENTS**

- 2022 - Present      *Postdoctoral Fellow*, School of Psychology, Georgia Institute of Technology  
(Advisor: Dobromir Rahnev)
- 2014 – 2016        *Instructor*, Department of Psychology, Armstrong State University

**PUBLICATIONS**

- Pratte, M.S. & **Green, M. L.** (2023). Systematic differences in visual working memory performance are not caused by differences in working memory storage. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 49(3), 335-349.
- Green, M. L.** & Pratte, M. S. (2022). Local motion pooling is continuous, but global motion perception is discrete. *Journal of Experimental Psychology: Human Perception and Performance*, 48(1), 52-63.
- Green, M. L.**, Locker, L., Boyer, T. W., & Sturz, B. R. (2016). Stroop-like interference in a match-to-sample task: Further evidence for semantic competition? *Learning and Motivation*, 56, 53-64.
- Sturz, B. R., **Green, M. L.**, Locker, L., & Boyer, T. W. (2013). Stroop interference in a delayed match-to-sample task: Evidence for semantic competition. *Frontiers in Psychology*, 4, 842.
- Sturz, B. R., **Green, M. L.**, Gaskin, K. A., Evans, A. C., Graves, A. A., & Roberts, J. E. (2012). More than a feeling: Incidental learning of array geometry by blind-folded adult human revealed through touch. *The Journal of Experimental Biology*. 216, 587-593.

**MANUSCRIPTS IN PREP**

- Green, M. L.**, Hu, M., Denison, R., & Rahnev, D. (in prep). Relating external sensory uncertainty to internal decisional evidence.

**Green, M. L., & Pratte, M. S.** (in prep). Confidence in motion perception is selectively influenced by the underlying process used to determine global direction.

**Green, M. L., & Pratte, M. S.** (in prep). Consolidating multiple items into visual working memory is a parallel and remarkably fast process.

**Green, M. L. & Pratte, M. S.** (in prep). Segmenting local features using global ensemble statistics is a discrete, all-or-none process.

## **CONFERENCE PRESENTATIONS**

### *SPOKEN*

**Green, M. L., & Pratte, M. S.** (2019). *Global motion identification is incredibly precise, but lowering coherence increases the probability of total identification failures.* Vision Science Society, St. Pete Beach, FL.

**Green, M. L.** (2012). *Non-visual spatial learning of array geometry via touch.* Armstrong State University Student Scholar Research Symposium, Savannah, GA.

### *POSTERS*

**Green, M. L., Hu, M, Denison, R., & Rahnev, D.** (2023). *Using convolutional neural networks to relate external sensory features to internal decisional evidence.* Vision Science Society, St. Pete Beach, FL.

**Green, M. L. & Pratte, M. S.** (2022). *Segmenting local features using global ensemble statistics is a discrete, all-or-none process.* Vision Science Society, St. Pete Beach, FL.

**Green, M. L., & Pratte, M. S.** (2020). *Access to sensory uncertainty in global motion perception depends on the stimulus.* Vision Science Society, Virtual Conference.

Pratte, M. S., & **Green, M. L.** (2019). *Consolidating multiple items into visual working memory is a parallel and remarkably fast process.* Vision Science Society, St. Pete Beach, FL.

**Green, M. L., & Pratte, M. S.** (2018). *The capacity and time course of visually masked information.* Psychonomic Society, New Orleans, LA.

**Green, M. L., Locker Jr., L., Boyer, T. W., & Sturz, B. R.** (2016). *Stroop-like Interference in a Match-to-Sample Task: Further Evidence for Semantic Competition.* Psychonomic Society, Boston, MA.

**Green, M. L., Roberts, J. E., & Sturz, B. R.** (2016). *Geometric and tactile conflict in the absence of visual sense: Evidence from the reorientation paradigm.* Comparative Cognition Society, Melbourne, FL.

**Green, M. L., Evans, A. C., Roberts, J. E. & Sturz, B. R.,** (2015). *Non-goal cues can be used to disambiguate the correct from rotationally equivalent location: Evidence from blindfolded adults.* Comparative Cognition Society, Melbourne, FL.

**Green, M. L., Sturz, B. R., Gaskin, K. E., & Roberts, J. E.** (2014). *Orientation via enclosure geometry by blindfolded adults: Evidence against view-based matching theories of spatial orientation.* Comparative Cognition Society, Melbourne, FL.

Sturz, B. R., **Green, M. L., Boyer, T., & Locker, L.** (2013) *Induced Stroop-like interference in memory: Evidence for semantic competition.* Psychonomic Society, Toronto, Canada.

**Green, M. L.**, Gaskin, K. A., Evans, A. C., Graves, A. A., Roberts, J. E., & Sturz, B. R. (2013). *More than a feeling: Incidental learning of array geometry by blindfolded adult humans revealed through touch*. Comparative Cognition Society, Melbourne, FL.

Gaskin, K. A., Graves, A., Evans, A. C., Allen, D. Roberts, J. E., Sturz, B. R., & **Green, M. L.** (2013). *Haptic orienting in an enclosure: Spatial geometry learning via touch*. Southeastern Psychological Association conference, Atlanta, GA.

**Green, M. L.**, Evans, A. C., Gaskin, K., Graves, A., Roberts, J. E., & Sturz, B. R. (2012). *Non-visual spatial learning of array geometry via touch*. Georgia Undergraduate Research in Psychology Conference, Kennesaw, GA.

#### **INVITED LECTURES**

**Green, M. L.** (2022). Establishing how physical stimuli map onto conscious perception. Early-Stage Investigator Colloquia Series, Department of Psychology, Cognitive and Brain Sciences, University of Nevada-Reno

**Green, M. L.** (2020). *Visual sensation and perception: Discovering how we see the world*. Lecture to Advanced Placement Psychology Students at Starkville High School, Starkville, MS.

**Green, M. L.** (2016). *Undergraduate Research: What is it all about?* Keynote address to the 22<sup>nd</sup> annual Armstrong State University Undergraduate Student Research Scholars Symposium, Savannah, GA.

#### **FUNDING AWARDS**

National Eye Institute Early Career Scientist Travel Grant, Travel award to attend 2022 meeting of the Vision Science Society **[\$550.00]**

Graduate Student Travel Assistance Grant (TAGGS), The Graduate School, Mississippi State University, Travel award to attend 2019 meeting of the Vision Science Society **[\$600.00]**

Student Travel Grant, Student Government Association of Georgia Southern University, Travel award to attend 2014 meeting of the Comparative Cognition Society **[\$300.00]**

Graduate Student Professional Development Fund (GSPDF), Graduate Student Organization of Georgia Southern University, Professional development award to attend 2013 meeting of Comparative Cognition Society **[\$625.00]**

Student Travel Grant, Student Government Association of Georgia Southern University, Travel award to attend 2013 meeting of the Psychonomic Society **[\$283.00]**

Student Travel Grant, College of Liberal Arts and Social Sciences of Georgia Southern University, Travel award to attend 2013 meeting of the Psychonomic Society. **[\$300.00]**

#### **MENTORED RESEARCH** (underline=undergraduate student, \*=award winning presentation)

\*Bouchillon, A., **Green, M. L.**, & Pratte, M. S. (2019). *Mapping the human cortex with functional magnetic resonance imaging (fMRI)*, Mississippi State University Undergrad Research Symposium, Mississippi State, Mississippi.

McLure, K. R., Pratte, M. S., & **Green, M. L.** (2019). *Investigating possible gender effects in human motion perception*. Mississippi School for Mathematics and Science Mentorship Program, Columbus, Mississippi.

Altman, R. A., & Green, M. L. (2015). *An investigation of variables contributing to student performance in college*. Armstrong State University Student Scholar Research Symposium, Savannah, Georgia.

Haynes, J., Saxon, B., & Green, M. L. (2015). *Strategies as predictors of academic burnout*. Armstrong State University Student Scholar Research Symposium, Savannah, Georgia.

Evans, A., Gaskin, K., Green, M. L., & Roberts, J. (2015). *Blind orientation to environmental geometry*. Armstrong State University Student Scholar Research Symposium, Savannah, Georgia.

## **TEACHING EXPERIENCE**

### ***Instructor of Record***

General Psychology (4 sections)

Biological Psychology (5 sections)

Introduction to Psychological Research Methods (5 sections)

Advanced Research Design and Analysis (1 section)

Measurement Theory and Application (5 sections)

Careers and Professional Skills in Psychology (1 section)

## **PROFESSIONAL DEVELOPMENT**

### ***Technical Workshops***

“Deep Learning” (7/9-7/28/2023) – Neuromatch Academy, <https://neuromatch.io/>

### ***Grant Workshops***

“Fund Consciousness Science!” (3/24-3/26/2022) – Aligning Consciousness Research with US Funding Mechanisms: A project generously supported by the Templeton World Charity Foundation, Washington, DC.

### ***Teaching Workshops***

“Strategies for Larger Classroom Lectures” (2/19/2020) – Center for Teaching and Learning, Mississippi State University

“Autism Training Webinar” (2/4/2021) – Disability Support Services/Autism and Developmental Disabilities Clinic, Mississippi State University

### ***Diversity Training***

Diversity Reading Group (Spring 2021) – Department of Psychology, Mississippi State University

## **DEPARTMENTAL SERVICE**

Senior Graduate Student Representative, Department of Psychology, Mississippi State University (2020-2021)

Panelist for the Psi Chi Graduate Student Panel, Department of Psychology, Mississippi State University (2020)

## **ACADEMIC SERVICE**

### ***Ad-hoc Reviewer***

Journal of Experimental Psychology: General

Journal of Experimental Psychology: Human Perception and Performance