

# NICOLE VARGA, Ph.D.

## PERSONAL

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Wynnewood, PA 19096  
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## OFFICE

Department of Neuroscience  
University of Texas at Austin  
1 University Station, C7000  
Austin, TX 78712

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## APPOINTMENTS

Postdoctoral Research Fellow, Department of Neuroscience University of Texas at Austin	2018-present
Postdoctoral Teaching Fellow, Interdisciplinary Studies (IDS) Emory University	2016—2017

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## EDUCATION

Ph.D., Cognition & Development Emory University Advisor: Patricia Bauer Thesis: Constructing a knowledge base through memory integration: Cognitive and neural factors involved	May 2016
B.S., Psychology & Neuroscience Distinguished Honors; Magna Cum Laude Ursinus College	May 2010

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## FELLOWSHIPS, HONORS, & AWARDS

Cermak-Corkin Postdoctoral Award, Memory Disorders Research Society	2022
Ruth L. Kirschstein Postdoctoral National Research Service Award (NRSA)	2018-2022
Eleanor Main Graduate Student Mentor Award, Emory University	2016
Dean's Teaching Fellow, Emory University	2015-2016
NIH Institutional Research Training Grant (T32) Trainee, Emory University, Title: Mechanisms of Learning & Memory across Species & Development	2013-2014
The George Fago Prize for excellent scholarship in psychology, Ursinus College	2010

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## RESEARCH

My work brings educationally relevant paradigms and cutting-edge tools (EEG, MRI, modeling) to bear on questions of how we learn from experience in ways that enable extension beyond it, advancing our understanding of the neurocognitive and environmental factors that contribute to individual and age-related variability in knowledge acquisition.

## JOURNAL PUBLICATIONS

**Varga, N. L.**, Cronin-Golomb, L., & Bauer, P. J. (2022). Self-derivation of new knowledge through memory integration varies as a function of prior knowledge. *Memory*, 1-17.

Coughlin, C., Ben-Asher, E., Roome, H. E., **Varga, N. L.**, Moreau, M. M., Schneider, L. L., & Preston, A. R. (2022). Interpersonal family dynamics relate to hippocampal CA subfield structure. *Frontiers in Neuroscience*, 16, 1-12.

**Varga, N. L.**, & Manns, J. R. (2021). Delta-modulated cortical alpha oscillations support new knowledge generation through memory integration. *NeuroImage*, 244, 118600.

**Varga, N. L.**, Esposito, A. G., & Bauer, P. J. (2019). Cognitive correlates of memory integration across development: Explaining variability in an educationally relevant phenomenon. *Journal of Experimental Psychology: General*, 148 (4), 739-762.

**Varga, N. L.**, Gaugler, T., & Talarico, J. (2019). Are mnemonic failures and benefits two sides of the same coin?: Investigating the real-world consequences of individual differences in memory integration. *Memory & Cognition*, 47 (3), 496-510.

Bauer, P. J., Dugan, J. A., **Varga, N. L.**, & Riggins, T. (2019). Relations between neural structures and children's self-derivation of new knowledge through memory integration. *Journal of Developmental Cognitive Neuroscience*, 36, 100611.

Manns, J. R., **Varga, N. L.**, Trimper, J. B., & Bauer, P. J. (2018). Cortical dynamics of emotional autobiographical memory retrieval differ between women and men. *Neuropsychologia*, 110, 197-207.

**Varga, N. L.**, & Bauer, P. J. (2017). Using ERPs to inform the neurocognitive processes underlying knowledge extension through memory integration. *Journal of Cognitive Neuroscience*, 29 (11), 1932-1949.

**Varga, N. L.**, & Bauer, P. J. (2017). Young adults self-derive and retain new factual knowledge through memory integration. *Memory & Cognition*, 45 (6), 1014-1027.

- Varga, N. L.**, Stewart, R. A., & Bauer, P. J. (2016). Integrating across episodes: Investigating the long-term accessibility of self-derived knowledge in 4-year-old children. *Journal of Experimental Child Psychology*, *145*, 48-63.
- Bauer, P. J., **Varga, N. L.**, King, J. E., Nolen, A. M., & White, E. A. (2015). Semantic elaboration through integration: Hints both facilitate and inform the process. *Journal of Cognition and Development*, *16* (2), 351-369.
- Varga, N. L.**, & Bauer, P. J. (2013) Effects of delays on 6-year-old children's self-generation and retention of knowledge through integration. *Journal of Experimental Child Psychology*, *115* (2), 326-341.
- Bauer, P. J., King, J. E., Larkina, M., **Varga, N. L.**, & White, E. A. (2012). Characters and clues: Factors affecting children's extension of knowledge through integration of separate episodes. *Journal of Experimental Child Psychology*, *111*(4), 681-694.

## CHAPTERS & REVIEWS

- Varga, N. L.**, Morton, N. W., & Preston, A. R. (2022). Schema, inference, and memory. M. J. Kahana & A. D. Wagner (Eds.), *Handbook of human memory: Foundations and applications*. Oxford University Press.
- Bauer, P. J., & **Varga, N. L.** (2017). Similarity and deviation in event segmentation and memory integration. [Peer commentary on the paper "Event perception: Translations and applications" by L. L. Richmond, D. A. Gold, & J. M. Zacks]. *Journal of Applied Research in Memory and Cognition*, *6* (2), 124-128.
- Bauer, P. J., & **Varga, N. L.** (2016). The developmental cognitive neuroscience of memory: Implications for education. In E. Tardif & P. Doudin (Eds.), *Collective work on the topics of neuroscience, cognition and education* (pp. 135-164). Oxford, UK: De Boeck.
- Varga, N. L.**, Dugan, J. A., Merrill, N. A., & Bauer, P. J. (2016). Knowledge. SAGE Encyclopedia of Lifespan Human Development.
- Varga, N. L.**, & Bauer, P. J. (2014). Conceptual knowledge extension: An examination of its development and the underlying cognitive processes involved. In R. Chen (Ed.), *Cognitive development: Theories, stages and processes and challenges* (pp. 1-16). Huntington, NY: Nova Science Publishers.
- Bauer, P. J., Leventon, J. S., & **Varga, N. L.** (2012). Neuropsychological assessment of memory in preschoolers. *Neuropsychology Review*, *22* (4), 414-424.

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**MANUSCRIPTS IN PROGRESS**

† Author was an undergraduate student or postbaccalaureate trainee at time of collaboration.

\* Authors contributed equally to the work.

**Varga, N. L.**, Roome, H. E., Molitor, R. J., Martinez<sup>†</sup>, L., Hipskind<sup>†</sup>, E. M., Mack, M. L., Preston\*, A. R., & Schlichting\*, M. L. (submitted). Differentiation of related events in hippocampus supports memory organization and retrieval in development.

Coughlin, C., Pudhiyidath, A., Roome, H. E., **Varga, N. L.**, Nguyen<sup>†</sup>, K. V., & Preston, A. R. (submitted). Asynchronous development of memory integration and differentiation influence temporal memory organization.

Bauer, P. J., Cronin-Golomb<sup>†</sup>, L., Lee, K., **Varga, N. L.**, Hanft, M., Miller, A. G., & Porter, B. (submitted). Effects of proximity on integration of memory content in adults and children: Implications of semantic relatedness.

**Varga, N. L.**, Dutcher, A. M., Roome, H. E., & Preston, A. R. (complete draft; target submission: October 2022). Evidence for developmental increases in generalized but not specific hippocampal neural coding.

**Varga, N. L.**, Dutcher, A. M., & Preston, A. R. (50% complete; target submission: January 2023). Neural mechanisms underlying repetition-related improvements in event organization during development.

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**TEACHING EXPERIENCE**

I have ten years of experience teaching introductory, advanced, and service-learning courses in psychology and neuroscience, both at the undergraduate and graduate levels.

† seminar was taught at the graduate level

**Instructor of Record, Emory University**

IDS 220: What Does it Mean to be Human?

Spring 2017

PSY 385: The Development of Learning & Memory

Fall 2015

PSYC 200W: Experimental Methods (Lab)

Spring 2012

PSYC 230: Applied Statistics for Psychology (Lab)

Fall 2011

**Instructor of Record, Oxford College**

PSY 205: Child Development

Fall 2014

**Service-Learning Instructor, Emory University**

Developmental Methods: Dundee, Scotland; London, England

Summer 2013

**Teaching Assistant, Emory University**

PSYC 730: Proseminar in Learning †  
PSYC 215: Cognition (Embodied)

Fall 2013-Spring 2014  
Spring 2013

**Guest Lecturer, University of Texas at Austin**

PSY 387S: Principles of Cognitive Neuroscience †  
PSY 333D: Introduction to Developmental Psychology  
PSY 355N: Cognitive Neuroscience

Spring 2019, 2020  
Fall 2019  
Spring 2018

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**RESEARCH SUPPORT**

National Institute of Child Health and Human Development 09/2018 –  
F32 HD095586 (Ruth L. Kirschstein National Research Service Award) 04/2022  
*Influence of brain maturation on memory representation during  
development*  
Role: PI. Total: \$192,090  
Sponsor: Dr. Alison Preston

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**PRESENTATIONS**

‡ Presentation was invited

† Author was an undergraduate student or postbaccalaureate trainee at time of collaboration.

\* Authors contributed equally to the work.

**TALKS**

‡ **Varga, N. L.** (2023). Influence of neurocognitive development on representational change.  
University of Toronto Developmental Interest Group, Toronto, Canada.

‡ **Varga, N. L.** (2022). Charting individual and developmental differences in knowledge  
acquisition. Memory Disorders Research Society Annual Meeting, Philadelphia,  
Pennsylvania.

‡ **Varga, N. L.** (2022). Neurocognitive correlates of memory integration in children and  
adults. Temple Memory Meeting, Philadelphia, Pennsylvania.

**Varga, N. L.**, Roome, H. E., Molitor, R. J., Martinez†, L., Hipskind†, E. M., Mack, M. L.,  
Preston\*, A. R., & Schlichting\*, M. L. (2022). Differentiation of related events in  
hippocampus is associated with successful memory reinstatement in development.  
Psychonomic Society Annual Meeting, Boston, Massachusetts.

- Varga, N. L.**, & Preston, A. R. (2021). Developmental differences in hippocampus and prefrontal representations of related memories. In **N. L. Varga (Chair)**, *The development of memory organization: Converging insight from multiple perspectives*. Paper presented at the Society for Research in Child Development (SRCD) Biennial Meeting.
- Varga, N. L.**, Roome, H. E., Molitor, R. J., Martinez<sup>†</sup>, L., Hipskind<sup>†</sup>, E. M., Mack, M. L., Preston<sup>\*</sup>, A. R., & Schlichting<sup>\*</sup>, M. L. (2021). Evidence for different hippocampal codes yet similar neocortical reinstatement of memories across development. In X. Chai (Chair), *Functional development of episodic memory in the hippocampus*. Paper presented at the Society for Research in Child Development (SRCD) Biennial Meeting.
- Varga, N. L.**, Roome, H. E., Molitor, R. J., Martinez<sup>†</sup>, L., Hipskind<sup>†</sup>, E. M., Mack, M. L., Preston<sup>\*</sup>, A. R., & Schlichting<sup>\*</sup>, M. L. (2020). Cortical reinstatement relates to memory retrieval in children and adults. Dallas Austin Area Memory Meeting (DAAMM).
- Varga, N. L.**, Roome, H. E., Preston<sup>\*</sup>, A. R., Schlichting<sup>\*</sup>, M. A. (2019). Evidence for differential reinstatement of associative memories in children and adults. Center for Learning & Memory Annual Departmental Meeting, Austin, TX.
- Varga, N. L.**, Roome, H. E., Preston<sup>\*</sup>, A. R., Schlichting<sup>\*</sup>, M. A. (2019). Neural evidence for reinstatement of associative memories in children and adults. Biomedical Imaging Seminar Series, Austin, TX.
- Coughlin, C., Pudhiyidath, A., Roome, H. E., **Varga, N. L.**, Nguyen<sup>†</sup>, K., & Preston, A. R. (2019). Developmental differences in temporal memory organization. In C. Coughlin & A.R. Preston (Chairs), *Children's representation of time in memory and future-oriented thought*. Paper presented at the Society for Research in Child Development (SRCD) Biennial Meeting, Baltimore, MD.
- Varga, N. L.** & Manns, J. R. (2018). Cortical dynamics of memory integration: Implications for educational success. Dallas Austin Area Memory Meeting (DAAMM), Waco, TX.
- <sup>‡</sup>**Varga, N. L.**, & Bauer, P. J. (2017). Children retain unique event and semantic details associated with episodes that are integrated in memory. In T. Riggins (Chair), Memory formation exhibits qualitative and quantitative changes across development. Invited symposium at Society for Research in Child Development (SRCD) Biennial Meeting, Austin, TX.
- <sup>‡</sup>**Varga, N. L.** & Manns, J. R. (2017). Cortical dynamics of memory integration: Implications for educational success. Department of Psychology, Emory University, Atlanta, GA.
- <sup>‡</sup>**Varga, N. L.**, & Bauer, P. J. (2016). Building a knowledge base across developmental time: Dissociating the cognitive and neural mechanisms involved. Lafayette College, Easton, PA.

**Varga, N. L., & Bauer, P. J. (2016).** Using ERPs to dissociate the neurocognitive processes underlying knowledge extension through memory integration. North Georgia Regional Annual Memory Meeting (NGRAMM), Atlanta, GA.

‡**Varga, N. L., & Bauer, P. J. (2014)** Examining the Neurocognitive Processes Underlying Successful Knowledge Extension. Cognition and Development Issues Seminar, Emory University, Atlanta, GA.

**Varga, N. L., & Bauer, P. J. (2012)** The whole is greater than the sum of its parts: The self-generation of integrated knowledge. Cognition and Development Issues Seminar. Emory University, Atlanta, GA.

‡**Varga, N. L., Bish, J. P., & Principe, G. (2010)** The neurocognitive correlates of reconstructive memory. Ursinus College Celebration of Student Achievement (COSA) Day. Collegeville, PA.

‡**Varga, N. L., Bish, J. P., & Principe, G. (2009)** Neurocognition and reconstructive memory errors. Ursinus College Family Day. Collegeville, PA.

## POSTERS

**Varga, N. L., Roome, H. E., Molitor, R. J., Martinez<sup>†</sup>, L., Hipskind<sup>†</sup>, E. M., Mack, M. L., Preston<sup>\*</sup>, A. R., & Schlichting<sup>\*</sup>, M. L. (2022).** Differentiation of related events in hippocampus supports memory reinstatement in development. Society for Neuroscience Annual Meeting, San Diego, California.

Ben-Asher, E., Coughlin, C., Roome, H. E., **Varga, N. L.**, Preston, A. R. (2021). Paternal mental health interacts with children's hippocampal volume to predict children's anxiety. Society for Research in Child Development. (Virtual).

Ben-Asher, E., Coughlin, C., Roome, H. E., **Varga, N. L.**, Moreau<sup>†</sup>, M. M., Schneider<sup>†</sup>, L., Preston, A. R. (2021). Family social function impacts hippocampal CA subfield structure. Flux Congress. (Virtual)

**Varga, N. L., Roome, H. E., Molitor, R. J., Martinez<sup>†</sup>, L., Hipskind<sup>†</sup>, E. M., Preston<sup>\*</sup>, A. R., Schlichting<sup>\*</sup>, M. A. (2019).** Evidence for differential neural reinstatement of associative memories in children and adults. Society for Neuroscience, San Diego, CA.

**Varga, N. L., Roome, H. E., Preston<sup>\*</sup>, A. R., Schlichting<sup>\*</sup>, M. A. (2019).** Neural evidence for reinstatement of associative memories in children and adults. Society for Research in Child Development, Baltimore, MD.

**Varga, N. L., Roome, H. E., Preston<sup>\*</sup>, A. R., Schlichting<sup>\*</sup>, M. A. (2019).** Neural evidence for reinstatement of associative memories in children and adults. Austin Conference on Learning & Memory (ACLM), Austin, TX.

- Martinez<sup>†</sup>, L., **Varga, N. L.**, Roome, H. E., Preston\*, A. R., Schlichting\*, M. A. (2019). Neural evidence for reinstatement of associative memories in children and adults. Longhorn Research Poster Session, Austin, TX.
- Varga, N. L.**, Manns, J. R. (2017). Cortical oscillations during a fact-based memory integration task relate to academic success. Society for Neuroscience, Washington D.C.
- Varga, N. L.**, Bauer, P. J. (2017). Using ERPs to dissociate the neurocognitive processes underlying knowledge extension through memory integration in adults. Cognitive Neuroscience Society. San Francisco, CA.
- Elder<sup>†</sup>, J. M., **Varga, N. L.**, Bauer, P. J. (2017). Deriving new knowledge through memory integration: Effects of prior knowledge. Neuroscience and Behavioral Biology Annual Undergraduate Research Symposium, Atlanta, GA.
- Carr<sup>†</sup>, A. N., **Varga, N. L.**, Bauer, P. J. (2016). Effects of modality of learning on information integration and source memory judgments. Neuroscience and Behavioral Biology Annual Undergraduate Research Symposium, Atlanta, GA.
- Varga, N. L.**, Bauer, P. J. (2015). Extending knowledge through memory integration: The effect of lag during encoding. Cognitive Neuroscience Society. San Francisco, CA.
- Varga, N. L.**, Broyles<sup>†</sup>, A. K., Stewart<sup>†</sup>, R. A., Bauer, P. J. (2015). Transforming experience into knowledge: Comparing the status of self-generated vs. explicitly learned information. Cognitive Development Society. Columbus, OH.
- Varga, N. L.**, Jaganjac<sup>†</sup>, A., Bauer, P. J. (2015). Expanding on prior knowledge: Effects of pre-existing schemas on the generation of new knowledge through cross-episode integration. Society for Research in Child Development. Philadelphia, PA.
- Broyles<sup>†</sup>, A. K., **Varga, N. L.**, Carr<sup>†</sup>, A. N., Bauer, P. J. (2015). The source of knowledge matters: Comparing retention of self-generated knowledge vs. explicitly taught knowledge. Society for Research in Child Development. Philadelphia, PA.
- Jaganjac<sup>†</sup>, A., **Varga, N. L.**, Bauer, P. J. (2014). The effect of prior domain knowledge on self-generative learning in preschool and school-age children. Annual Summer Undergraduate Research Experience (SURE) Symposium, Atlanta, GA.
- Carr<sup>†</sup>, A. N., **Varga, N. L.**, Broyles<sup>†</sup>, A. K., Bauer, P. J. (2014). Hard work pays off: The facilitative effects of generating your own knowledge. Annual Summer Undergraduate Research Experience (SURE) Symposium, Atlanta, GA.



- Carr<sup>†</sup>, A. N., **Varga, N. L.**, Bauer, P. J. (2014). Effects of delays on 4-year-olds knowledge extension through semantic integration. Scholarly Inquiry and Research at Emory (SIRE) Undergraduate Research Symposium, Atlanta, GA.
- Jaganjac<sup>†</sup>, A., **Varga, N. L.**, Bauer, P. J. (2014). The influence of domain knowledge on the capacity to successfully extend new knowledge through integration. Scholarly Inquiry and Research at Emory (SIRE) Undergraduate Research Symposium, Atlanta, GA.
- Varga, N. L.**, Stewart<sup>†</sup>, R., Bauer, P. J. (2013). The extension and retention of relational knowledge. Cognitive Development Society. Memphis, TN.
- Varga, N. L.**, White, E. A., Bauer, P. J. (2013). Deriving mind from matter: Effects of delays on 6-year-old children's generation and retention of knowledge through integration. Society for Research in Child Development. Seattle, WA.
- Larkina, M., **Varga, N. L.**, Pathman, T., Bauer, P. J. (2013). Autobiographical time in words and pictures: Representation of time in personal narratives and photographs in 8-10-year-olds. Society for Research in Child Development. Seattle, WA.
- Okoro<sup>†</sup>, I., **Varga, N. L.**, Jackson, F., Bauer, P. J. (2012). Does lag affect the ability to integrate novel information? Center for Behavioral Neuroscience, Atlanta, GA.
- Varga, N. L.**, White, E. A., Bauer, P. J. (2011). The cognitive accessibility of self-generated knowledge in school-aged children. Emory Cognition Project, Atlanta, GA.
- Smith<sup>†</sup>, M., **Varga, N. L.**, Bauer, P. J. (2011). Everyone does it, the question is when and how: Integration. Center for Behavioral Neuroscience, Atlanta, GA.
- Varga, N. L.**, Hamilton<sup>†</sup>, C., Bish, J. P. (2010). The neurocognitive development of reconstructive memory errors. Lehigh Valley Society for Neuroscience, PA.

## ACADEMIC SERVICE

### Department of Neuroscience, University of Texas at Austin

Diversity, Equity, & Inclusion Committee, Member 2020—present

### Department of Psychology, Emory University

Graduate Student Advisory Committee, Member 2013—2016  
 Graduate Student Ethics Committee, Member 2010—2016  
 Curriculum Committee, Student Member 2015  
 Cognition and Development Seminar, Coordinator 2014

### Laney Graduate School, Emory University

Graduate Research Interdisciplinary Team of Scholars, Member 2010—2016

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**PROFESSIONAL SERVICE**

\*Denotes co-review with a mentor

**Ad-hoc Journal Reviewing***Proceedings for the National Academy of Sciences\**, *Nature Human Behaviour\**, *Neuron\**, *Scientific Reports*, *PLOS ONE\**, *PLOS Biology*, *Journal of Neuroscience*, *Hippocampus*, *Neuropsychologia\**, *Memory & Cognition*, *Memory*, *Journal of Applied Research on Memory & Cognition*, *Child Development*, *Developmental Cognitive Neuroscience*, *Cognitive Development***Ad-hoc Grant Reviewing***National Science Foundation*, *Developmental Sciences Program*  
*Society for Research in Child Development (Early Career Grant)***Ad-hoc Conference Reviewing***Society for Research in Child Development (Biennial Meeting)*

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**COMMUNITY OUTREACH****University of Texas Brainstorms Outreach Events**

The student brain: A conversation about the neuroscience behind effective studying, Panelist 2019

The remembering brain: A conversation about how memory contributes to children and adults' ability to navigate the world, acquire new knowledge, and imagine their future, Speaker 2019

The developing brain: A conversation about learning during childhood and adolescence, Panelist 2018

**School-Aged Outreach Events**University of Texas Life Sciences Camp, Instructor 2018, 2019  
Clarkston High School, College Application Mentor 2016, 2017  
Fernbank Museum Experiments Day, Volunteer 2016, 2017  
Brainy Days Classroom Program, Volunteer 2010—2016

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**MENTORSHIP****Undergraduate Research Training Programs, Mentor**

Nudleman Foundation Summer Research Program, UT Austin 2019

Scholarly Inquiry and Research at Emory (SIRE), Emory	2012—2014
Summer Undergraduate Research Experience (SURE), Emory	2014
Behavioral Research Advancements in Neuroscience, Emory	2011—2012

**Graduate Teaching Training Programs, Mentor**

Teaching Assistant Training Program, Emory University	2014—2015
Best Practices for Lab Teaching Assistants, Emory University	2014

**Student Trainees & Outcomes**

- \* Awarded Undergraduate Research Distinction or Honors
- † Awarded Undergraduate Research Grant or Fellowship
- ‡ Awarded Presentation Award at Undergraduate Research Symposium
- ‡ Member of a traditionally underrepresented population

**Undergraduate Research Assistants, UT Austin**

Adam Czernuszenko: <i>UPenn, Research Coordinator</i>	2019—2022
Kanishka Chelikani <sup>‡</sup> : <i>UT Medical Branch, M.D. Student</i>	2019—2022
Francis (Drew) Hussey: <i>MIT, Research Coordinator</i>	2019—2021
Lucia Martinez <sup>*†‡</sup> : <i>Harvard University, Master's Student</i>	2018—2020

**Undergraduate Honors Students, Emory University**

Allison Carr <sup>*†‡</sup> , <i>Sante Fe College, Psychology Instructor</i>	2015—2016
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**Undergraduate Research Assistants, Emory University**

Reilly Allison <sup>‡</sup> , <i>Medical College of Wisconsin, Ph.D. Student</i>	2016—2017
Adna Jaganjac <sup>*†‡</sup> , <i>Boston University, Master's Student</i>	2014—2016

**Undergraduate Summer Research Fellows, Emory University**

Ijeoma Okoro <sup>‡</sup> , <i>Emory School of Medicine, M.D. Student</i>	summer 2012
Mikhaila Smith <sup>‡</sup> , <i>Temple School of Medicine, M.D. Student</i>	summer 2011

**Doctoral Students, UT Austin**

Anthony Dutcher, <i>UT Austin, Postdoctoral Fellow</i>	2020—2022
Athula Pudhiyidath <sup>‡</sup> , <i>Data Scientist</i>	2019—2020

**PROFESSIONAL AFFILIATIONS**

Psychonomic Society	2020—Present
Flux: The Society for Developmental Cognitive Neuroscience	2019—Present
Society for Neuroscience	2016—Present
Cognitive Neuroscience Society	2012—Present
Cognitive Development Society	2012—Present
Society for Research in Child Development	2010—Present
Lehigh Valley Society for Neuroscience	2009—2010