Updated: October 2019

**CURRICULUM VITAE**

# ***Tracy Riggins, Ph.D.***

*University address:*

University of Maryland, College Park

Department of Psychology

Biology/Psychology Building 2147J

College Park, MD 20742

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**EDUCATION**

# 2000 B.S. in Psychology, Minor in Biology, University of California, San Diego

# 2005 Ph.D. in Child Psychology, Institute of Child Development, University of Minnesota

#  *Advisors:* Patricia J. Bauer, Ph.D. and Charles A. Nelson, Ph.D.

 *Dissertation:* A neurobehavioral investigation of autobiographical memory development: Contributions of source memory and memory for temporal order

## PROFESSIONAL EXPERIENCE

2005 – 2007 Postdoctoral Fellow, M.I.N.D. Institute, University of California, Davis

2007 – 2008 Postdoctoral Fellow, University of Maryland School of Medicine and NIDA-IRP

# 2008 – 2016 Assistant Professor of Psychology, University of Maryland, College Park

2016 – present Associate Professor of Psychology, University of Maryland, College Park

**HONORS, AWARDS, INTERNAL GRANTS**

2000 Psychology Department Honors, Highest Distinction, Magna Cum Laude, University of California, San Diego

# 2003 Thomas F. Wallace Fellowship, University of Minnesota

# 2004 Doctoral Dissertation Fellowship, University of Minnesota

2005 NIH Loan Repayment Program, Pediatric Research

2009 General Research Board (GRB) Award, University of Maryland, Graduate School

2011 Dean’s Research Initiative Award ($40,000), University of Maryland

2012 ADVANCE Research Award ($20,000), University of Maryland

2012 Maryland Neuroimaging Center Seed Grant ($12,000), University of Maryland

2013 Research and Scholarship Award (RASA), University of Maryland

2013 Dean’s MRI Research Initiative Award ($45,000), University of Maryland

2019 Philip Merrill Presidential Scholars Faculty Mentor Award

**EXTERNAL GRANT FUNDING**

*Current:*

Co-Principal Investigator: Collaborative Research: Hippocampal Development and Sleep-Dependent Memory

Consolidation in Preschoolers, Co-PI: Rebecca Spencer, University of Massachusetts, Amherst, NSF, Social, Behavioral, and Economic Sciences, BCS 1749280, UMD total costs $489,261 (UMass total costs $109,815)

Co-Principal Investigator: Hippocampal Development and Sleep-Dependent Memory Consolidation in

Preschoolers. Co-PI: Rebecca Spencer, University of Massachusetts, Amherst, R21, NICHD HD094758 3/1/2018 through 2/29/2020, total costs across sites $423,208

Principal Investigator: Hippocampal-memory Network Development and Episodic Memory in Early

Childhood. (R01), NICHD HD079518, 5/1/2014 through 4/30/2019, $1,542,995 (total costs)

Consultant: The Development and Neural Bases of Pattern Separation and Relational Memory. (F31, Chi Ngo PI)

NICHD HD090872-01

*Completed:*

Principal Investigator: Neural Correlates of Risk Taking in Adolescents Exposed to Drugs Prenatally.

NIDA I/START DA029113, 8/1/2010 through 7/31/2012, $232,173 (total costs)

Principal Investigator: Neurobehavioral Investigation of Recollection and Familiarity in Early Childhood.

 NICHD R03 HD067425, 1/1/2011 through 12/31/2013, $150,000 (total costs)

## INVITED TALKS

2019 University of Maryland, School of Medicine, Imaging Science Seminar, Baltimore, Maryland, *Hippocampal-memory network development and episodic memory in early childhood: Age-related differences and individual variation*

2019 Maryland Neuroimaging Retreat, University of Maryland, Baltimore, *Hippocampal-memory network development and episodic memory in early childhood*

2018 University of Massachusetts, Amherst, Psychological and Brain Sciences, *Hippocampal-memory network development and episodic memory in early childhood: Age-related differences and individual variation*

2018 University of California, Davis, Memory Development Summit, *Episodic memory in early childhood: Meaningful age-related and individual differences.*

2017 University of Iowa, Delta Center, *Hippocampal-memory network development and episodic memory in early childhood*

2016 University of Maryland, Bioscience Day, *Hippocampal-memory network development and episodic memory in early childhood*

2016 NeuroTech DC, NeurotechX - The International Neurotechonology Network, *Principles of Neuroscience: How memory develops in children,* (with graduate student Kelsey Canada)

2015 University of Iowa, Delta Center, *Implications* *of basic memory development research for applied*

*purposes* (declined)

2015 University of Virginia, Cognitive Psychology, *Episodic memory development in early childhood:*

*Insights from ERPs and fMRI*

2014 St. Mary's College of Maryland, *Neurobehavioral investigation of episodic memory in early childhood*

2013 University of Minnesota, Center for Neurobehavioral Development, *Episodic memory in early childhood:*

*Insights from Magnetic Resonance Imaging*

2013 University of Arizona, *Neurobehavioral investigation of episodic memory in early childhood*

2011 University of Virginia, Developmental Psychology, *Neurobehavioral investigation of recollection and familiarity in early childhood*

2011 Cognitive Development Society, *Memory development and the brain: New methods to address old questions*, Philadelphia, PA

#### 2010 University of Maryland, School of Medicine, Pediatrics, *Development of recollection in early childhood*

## JOURNAL, CONFERENCE & GRANT REVIEW

*Editorial Boards:* Cognitive Development (2014-present)

*Ad hoc journal review:* PLOS One, Neuroscience Letters, Psychophysiology, Brain, Memory, Developmental

Science, Journal of Cognitive Neuroscience, Child Development, Journal of Experimental Psychology: Learning, Memory, and Cognition, Cognition, Neuropsychologia, International Journal of Behavioral Development, Developmental Cognitive Neuroscience, JINS (official journal of the International Neuropsychological Society), Psychophysiology, Developmental Neuroscience, Human Brain Mapping, Hippocampus, Proceedings of the National Academy of Science (PNAS), Journal of Neuroscience, Cognitive Development, Journal of Abnormal Child Psychology, Pediatrics, eLife

*Conference reviews:* Cognitive Science Society, Society for Research in Child Development, International

Society on Infant Studies, Cognitive Development Society

*Grant reviews:* National Science Foundation (mail-in review), National Institutes of Health, Cognition and

Perception Study Section, Ad hoc member 2015; 2016, Member of the Biobehavioral & Behavioral Sciences Sub-Committee [NIH-CHHD-H] 2016-2020, Natural Sciences and Engineering Research Council of Canada, 2017

## PUBLICATIONS

\*Please noteI have formerly published under the name DeBoer, T., **bold** indicates student

**Chad-Friedman, E., Botdorf, M.,** Riggins, T., & Dougherty, L. R. (under revision).Early life stress predicts

decreased total brain volume, cortical thickness, and cognitive functioning in school-age children.

**Blankenship, S.,** Riggins, T., Dougherty, L. (revise resubmit). Lasting effects of stress on the brain: Cortisol

reactivity during preschool predicts hippocampal functional connectivity at school age.

**Botdorf, M.,** Riggins, T., & Dougherty, L. R. (in press). Early positive parenting and maternal depression history

predict children’s relational binding ability at school-age. *Developmental Psychology.*

**Allard, T.\*,** Riggins, T.\*, Ewell, A., Weinberg, B., **Lokhandwala, S.,** & Spencer, R. M. (2019). Measuring

neural mechanisms underlying sleep-dependent memory consolidation during naps in early childhood. *JoVE Journal of Visualized Experiments, (152),* e60200, doi:10.3791/60200.

**Howard, L.,** Riggins, T., & Woodward, A. (in press). Learning from others: The effects of agency of

event memory in young children. *Child Development.*

Barry-Anwar, R., Riggins, T. & Scott, L.S. (in press). Electrophysiology in developmental populations: Key

methods and findings. To appear in Oxford University Press Handbook of Developmental Cognitive Neuroscience (K. Cohen Kadosh, Ed.), Oxford, UK.

Riggins, T. & Scott, L. S. (in press). P300 development from infancy to adolescence. *Psychophysiology,*

Bauer, P. J., Dugan, J. A., Varga, N. L, & Riggins, T. (in press). Relations between neural structures and

children’s self-derivation of new knowledge through memory integration. *Developmental Cognitive Neuroscience.*

Chen, G., Xiao, Y., Taylor, P. A., Rajendra, J.K., Riggins, T., Geng, F., Redcay, E., & Cox, R. W. (in press).

Handling multiplicity in neuroimaging through Bayesian lenses with hierarchical modeling. *Neuroinformatics.*

**Stern, J. A., Botdorf, M.,** Cassidy, J., & Riggins, T. (2019). Empathy and hippocampal volume in young

children [Special issue]. *Developmental Psychology, 55,* 1908-1920. <http://dx.doi.org/10.1037/dev0000684>

**Botdorf, M.** & Riggins, T. (in press). When less is more: Thinner fronto-parietal cortices are associated with

better forward digit span performance during early childhood. *Neuropsychologia.*

Zorn, E. P., Zhang, L., Sandness, K., Miller, N., Riggins, T., Georgieff , M. K., & Pfister, K. M. (in press).

Preserved speed of processing and memory in infants with a history of moderate neonatal encephalopathy treated with therapeutic hypothermia*. Journal of Perinatology.*

Geng, F., Redcay, E., & Riggins, T. (2019). The influence of age and performance on hippocampal function

and the encoding of contextual information in early childhood. *NeuroImage, 195,* 433-443.

**Blankenship, S., Chad-Friedman, E.,** Riggins, T., & Dougherty, L.R. (2019). Early parenting predicts

hippocampal subregion volume via stress reactivity in childhood. *Developmental Psychobiology, 61(1),*

125-140. <https://doi.org/10.1002/dev.21788>\*NOTE: Winner of the 2019 Hennessy-Smotherman Wiley Best Student Paper Award

**Canada, K. L., Ngo, C. T.,** Newcombe, N. S., Geng, F., & Riggins, T. (2019). It's all in the details:

Relations between young children's developing pattern separation abilities and hippocampal subfield volumes. *Cerebral Cortex*, *29*(8), 3427-3433. <https://doi.org/10.1093/cercor/bhy211>

Xiao, Y., Geng, F., Riggins, T., Chen, G., & Redcay, E. (2018). Neural correlates of developing theory of

mind competence in early childhood. *NeuroImage, 184,* 707-716.

Riggins, T., Geng, F., **Botdorf, M., Canada, K.,** Cox, L., & Hancock, G. R. (2018). Protracted hippocampal

development is associated with age-related improvements in memory during early childhood. *NeuroImage, 174,* 127-137. DOI: 10.1016/j.neuroimage.2018.09.079

Geng, F., **Canada, K.**, & Riggins, T. (2018). Age- and performance-related differences in encoding

during early childhood: Insights from event-related potentials. *Memory, 26(4),* 451-461.

DOI:10.1080/09658211.2017.1366526

Geng, F., Salmeron, B. J., Ross, T., Black, M., & Riggins, T. (2018). Long-term effects of prenatal

drug exposure on the neural correlates of memory at encoding and retrieval. *Neurotoxicology and Teratology, 65,* 70-77. DOI: 10.1016/j.ntt.2017.10.008

**Ngo, C.T.,** Alm, K.H., Metoki, A., Hampton, W., Riggins, T.R., Newcombe, N.S., & Olson, I.R. (2017). White

matter structural connectivity and episodic memory in early childhood*. Developmental Cognitive Neuroscience, 28,* 41-53. DOI:10.1016/j.dcn.2017.11.001

**Rollins, L.,** & Riggins, T. (2017). Age-related differences in subjective recollection: ERP studies of

encoding and retrieval. *Developmental Science, 21*(3).DOI: 10.1111/desc.12583

**Robey, A.** & Riggins, T. (2017). Increasing relational memory in childhood with unitization strategies.

*Memory & Cognition, 46*(1), 100-111. DOI 10.3758/s13421-017-0748-6.

**Blankenship, S. L.,** Redcay, E., Dougherty, L. R., & Riggins, T. (2017). Development of hippocampal

functional connectivity during childhood. *Human Brain Mapping, 38,* 182-201*.* DOI: 10.1002/hbm.23353

**Rollins, L.,** & Riggins, T. (2016). Cohort-sequential study of conflict inhibition during middle childhood.

*International Journal of Behavioral Development.* 41(6), 663-669. DOI: 10.1177/0165025416656413

**Robey, A.,** & Riggins, T. (2016). Event -related potential study of intentional and incidental retrieval

of item and source memory during early childhood. *Developmental Psychobiology, 58*(5)*,* 556-567*.* DOI:

10.1002/dev.21401

Riggins, T.,Geng, F., **Blankenship, S. L.,** & Redcay, E. (2016). Hippocampal functional connectivity and

episodic memory in early childhood. *Developmental Cognitive Neuroscience, 19,* 58-69*.* DOI:10.1016/j.dcn.2016.02.002

Schweitzer, J., Riggins, T., Ross, T. J., Black, M., & Saleron, B. J. (2015). Interpretation of prenatal drug

exposure functional imaging data.*Neurotoxicology and Teratology, 52,* 58-59. DOI:10.1016/j.ntt.2015.10.006

**Blankenship, S. L.,** & Riggins, T. (2015). Developmental differences in relations between parent-reported

executive function and unitized and non-unitized memory representations during childhood. *Frontiers in Psychology, section Developmental Psychology, 6,* 1-10*.* DOI:10.3389/fpsyg.2015.01214

Riggins, T., **Blankenship, S. L.,** Mulligan, E., **Rice, K.,** & Redcay, E. (2015). Developmental differences in

relations between episodic memory and hippocampal subregion volume during early childhood*. Child Development, 86*(6)*,* 1710-1718. DOI:10.1111/cdev.12445

Riggins, T., & **Rollins, L.** (2015). Developmental changes in recollection and familiarity during early childhood:

Insights from event-related potentials. *Child Development, 86, 889–902.*

**Rollins, L.,** & Riggins, T. (2015). Processing and rejection of novel items in childhood: Event-related

potential study of similar lures and novel foils. *Developmental Psychobiology,* 57(2), 263-270. DOI 10.1002/dev.21281

Schweitzer, J., Riggins, T., Liang, X., Gallen, C., Kurup, P. K., Ross, T. J., Black, M., Nair, P., & Salmeron, B. J.

(2015). Prenatal drug exposure to illicit drugs alters working memory-related brain activity and underlying network properties in adolescence. *Neurotoxicology and Teratology, 48,* 69-77. DOI:10.1016/j.ntt.2015.02.002

**Robey, A.**, Buckingham-Howes, S., Salmeron, B. J., Black, M.M., & Riggins, T. (2014). Relations between

prospective memory, cognitive abilities, and brain structure in adolescents who vary in prenatal drug exposure. *Journal of Experimental Child Psychology, 127,* 144–162. DOI:10.1016/j.jecp.2014.01.008

Wong, L., Riggins, T., Harvey, D., Cabaral, M., & Simon, T. J. (2014). Children with Chromosome 22q11.2

Deletion Syndrome exhibit impaired spatial working memory. *American Journal on Intellectual and Developmental Disabilities, 119*(2), 115–132.

**Rice, K.,** Viscomi, B., Riggins, T., & Redcay, E. (2014). Amygdala volume linked to individual

differences in mental state inference in early childhood and adulthood. *Developmental Cognitive Neuroscience,* 8, 153-163*.* DOI:10.1016/j.dcn.2013.09.003

Riggins, T. (2014). Longitudinal investigation of source memory reveals different developmental trajectories for

item memory and binding. *Developmental Psychology, 50(2),* 449-459. DOI:10.1037/a0033622

Riggins, T., Cheatham, C. L., Stark, E., & Bauer, P. J. (2013). Elicited imitation performance at 20 months

predicts memory abilities in school age children. *Journal of Cognition and Development, 14*(4), 593-606. DOI:10.1080/15248372.2012.689392

Riggins, T. & Nelson, C. A. (2013). Memory in at-risk populations: Infants who experience metabolic disturbances during the prenatal period. In P. J. Bauer & R. Fivush (Eds.), *Handbook on the Development of Children’s Memory* (pp. 1017- 1043). Wiley-Blackwell. DOI: 10.1002/9781118597705.ch43

**Rollins, L.,** & Riggins, T. (2013). Developmental changes in memory encoding: insights from event-related

potentials. *Developmental Science, 16(4),* 1-12. DOI:10.111/desc.12072

Riggins, T., **Rollins, L., & Graham, M.** (2013). Electrophysiological investigation of source memory in early

childhood. *Developmental Neuropsychology, 38(3),* 180–196. DOI:10.1080/87565641.2012.762001

Riggins, T., Cacic, K., Buckingham-Howes, S., Scaletti, L. A., Salmeron, B. J., & Black, M. (2012).

Memory ability and hippocampal volume in adolescents with a history of poly-drug exposure during the prenatal period. *Neurotoxicology and Teratology, 34*(4), 434-441. DOI:10.1016/j.ntt.2012.05.054

Riggins, T. (2012). Building blocks of recollection. In S. Ghetti & P. J. Bauer (Eds.), *Origins and Development of Recollection: Perspectives from Psychology and Neuroscience.* (pp.42-72).New York, NY: Oxford

University Press. DOI:10.1093/acprof:oso/9780195340792.003.0003

Balas, B., Nelson, C. A., Westerlund, A., Vogel-Farley, V., Riggins, T., & Kuefner, D. (2010). Personal

familiarity influences the processing of upright and inverted faces in infants. *Frontiers in Human Neuroscience, 4*, 1-6*.*

Ackerman, J. P., Riggins, T., & Black, M. M. (2010). A review of the effects of prenatal cocaine exposure among

school-aged children. *Pediatrics, 125(3),* 554-565. DOI:10.1542/peds.2009-0637

Riggins, T., Bauer, P.J., Georgieff, M.K., & Nelson, C.A. (2010). Declarative memory performance in infants of

diabetic mothers. In P.J. Bauer (Ed.), *Advances in child development and behavior,* *Volume 38 - Varieties of early experience: Implications for the development of declarative memory in infancy.* London, U.K.: Elsevier. DOI:10.1016/b978-0-12-374471-5.00004-0

Riggins, T., Miller, N. C., Bauer, P. J., Georgieff, M. K., & Nelson, C. A. (2009). Consequences of

maternal diabetes mellitus and neonatal iron status on children's explicit memory performance. *Developmental Neuropsychology, 34*(6)*,* 762–779*.* DOI:10.1080/87565640903265145

Riggins, T., Miller, N. C., Bauer, P. J., Georgieff, M. K., & Nelson, C. A. (2009). Electrophysiological

indices of memory for temporal order in early childhood: Implications for the development of recollection. *Developmental Science, 12*(2), **209-219***.* DOI:10.1111/j.1467-7687.2008.00757.x

Simon, T.J., Takarae, Y., \*DeBoer, T., McDonald-McGinn, D.M., Zackai, E.H., Ross, J.L. (2008).

Overlapping numerical cognition impairments in Chromosome 22q11.2 Deletion and Turner Syndromes. *Neuropsychologia,* *46*(1), 82-94.  DOI:10.1016/j.neuropsychologia.2007.08.016

\*DeBoer, T., Wu, Z., Lee, A., & Simon, T. J. (2007). Hippocampal volume reduction in children with

Chromosome 22q11.2 Deletion Syndrome is associated with cognitive impairment. Behavioral and Brain *Functions,* 3(1), 54. DOI:10.1186/1744-9081-3-54

\*DeBoer, T., Scott, L.S., & Nelson, C.A. (2007). Methods for acquiring and analyzing infant event-

related potentials. In: Michelle de Haan (Ed.). *Infant EEG and event-related potentials.* (pp. 5-37). New York: Psychology Press.

Bauer, P. J., \*DeBoer, T., & Lukowski, A. F. (2007). In the language of multiple memory systems, defining and

describing developments in long-term explicit memory. In Lisa M. Oakes & Patricia J. Bauer

(Eds.), *Short- and long-term memory in infancy and early childhood: Taking the first steps towards remembering* (pp. 240-270). New York: Oxford University Press.

Richmond, J., & \*DeBoer T. (2006). Mechanisms of change: Exploring not only when and what, but how

declarative memory develops. *Infant and Child Development, 15*(2)*,* 207-210.DOI:10.1002/icd.437

\*DeBoer, T., Wewerka, S., Bauer, P. J., Georgieff, M. K., & Nelson, C. A. (2005). Explicit memory performance in infants of diabetic mothers at 1 year of age. *Developmental Medicine and Child Neurology,* 47(8),

525-531. DOI:10.1111/j.1469-8749.2005.tb01186.x

Lukowski, A. F., Wiebe, S. A., Haight, J. C., \*DeBoer, T., Nelson, C. A., & Bauer, P. J. (2005). Forming a stable

memory representation in the first year of life: Why imitation is more than child’s play. *Developmental Science, 8*(3), 279-298. DOI:10.1111/j.1467-7687.2005.00415.x

\*DeBoer, T., Scott, L. S., & Nelson., C. A. (2005). Event-related potentials in developmental populations. In Todd Handy (Ed.). *Methodological handbook for research using event-related potentials* (pp. 263- 297). Cambridge, MA: The MIT Press.

# **RESEARCH TRAINING**

2001 High-Density Electrophysiological Data Collection and Analysis, EGI

2002 MATLAB Fundamentals and Programming Techniques

2004 John Merck Fund Summer Institute on the Biology of Developmental Disabilities

2005 APA Advanced Training Institute: Functional Magnetic Resonance Imaging

2005 Summer Institute in Cognitive Neuroscience

2007 Laboratory Management Institute

2007 Brain Electrical Source Analysis (BESA) workshop

2007 Analysis of Functional NeuroImages (AFNI) Boot camp

## 2008 NIDA Short Course on the Genetics and Epigenetics of Addiction

2018 Structural Equation Modeling Workshop: First and Second Courses

2019 National Research Mentoring Network (NRMN) Mentor Workshop to promote training and career development of individuals from diverse backgrounds, communities, and cultures who are pursuing biomedical research careers.

## TEACHING EXPERIENCE

*University of Maryland*

 Developmental Cognitive Neuroscience (PSYC725/NACS728D), Psychology Department

Introduction to Developmental Psychology (PSYC355), Psychology Department

 Cognitive Electrophysiology Seminar (PSYC888D), Psychology Department

# Advanced Developmental Psychology (PSYC611), Psychology Department

 Developmental Psychology Seminar (PSYC888A), Psychology Department

# *University of Minnesota*

 Introduction to Child Psychology, Institute of Child Development

**SERVICE TO THE FIELD**

2016 Consultant for production at Arena Stage (Mead Center for American Theater)

2017 Invited by University of Florida to The Early Childhood National Summit

2017 – present Cognitive Development Society, Secretary

##### INSTITUTIONAL SERVICE

# 2009 Developmental Area Faculty Search Committee, Department of Psychology

# 2009 Dean Search Committee, College of Behavioral and Social Sciences

2009 – 2010 Undergraduate Education Curriculum Committee, Department of Psychology

2009 – 2010 Graduate Admissions Committee, Neuroscience and Cognitive Science Program

2010 Developmental Area Faculty Search Committee, Department of Psychology

2011 Neuroscience Area Faculty Search Committee, Department of Psychology

2009 – present Faculty Recruitment and Hiring Committee, Department of Psychology

2011 – 2012 Department Chair Search Committee, Department of Psychology

2011 – present Executive Committee, Graduate Field Committee in Developmental Science

2011 – 2016 Graduate Recruitment (“NACS-fest”) Chair, Neuroscience and Cognitive Science Program

2011 – 2012 Brain and Behavioral Sciences Equipment Committee Chair, Department of Psychology

2012 Advisor to T.U.S.K. “Teaching Underrepresented Sciences to Kids” Student Organization

2013 University of Maryland Distinguished Dissertation Award Selection Committee

2013 & 2016 Merit Review Committee, Department of Psychology

2013-2014 Co-advisor for Developmental Science workshop entitled “Cognitive and Linguistic

Development: Translations of Research for Educational Applications”

2014 University of Maryland Graduate Faculty Mentor of the Year Committee, Outstanding Director of Graduate Studies Committee, and Outstanding Coordinator of Graduate Studies Committee

2014 – present University of Maryland President’s Commission on Women’s Issues

2014, 2017 University of Maryland Research and Scholarship Award Committee

2016 University of Maryland Undergraduate Researcher of the Year Selection Committee

2016 – present Strategic Planning Committee, Neuroscience and Cognitive Science Program

2016 – 2017 Maryland Neuroimaging Center Scientific Director Review Committee

2017 – present Executive Committee, Department of Psychology

2017 – present Department of Psychology IRB Liaison, Chair

2018 – present Executive Committee, Neuroscience and Cognitive Science Program

**ADVISING**

*Postdoctoral Scholars*

 2014 – 2017 Fengji Geng, Ph.D.

*Ph.D. students*

2009 - 2014 Leslie Rollins, Department of Psychology (BSOS All S.T.A.R. award 2013, NSF

Honorable Mention, current position: Assistant Professor, Christopher Newport University)

2012 - 2017 Sarah Blankenship Neuroscience and Cognitive Science Program (Graduate Dean's Dissertation Fellowship, Mirzayan Policy Fellowship, Phi Delta Gamma Award for interdisciplinary scholarship achievement from the University of Maryland Graduate School, NSF Honorable Mention)

2015 - present Kelsey Canada, Department of Psychology

2016 - present Morgan Botdorff, Department of Psychology (University of Maryland Flagship Fellow, NSF Graduate Research Fellowship 2017)

2018 - present Tamara Allard, Department of Psychology

*Ph.D. students conducting research projects in my lab*

2009 - 2015 Lauren Shuck Howard, University of Chicago

2010 - 2013 Alice Jackson, Department of Human Development

2009 - 2012 Giovanna Morini, Department of Hearing and Speech Sciences

*Masters students*

 2008 - 2011 Meghan Graham, M.S., Department of Psychology (NSF Honorable Mention)

2010 - 2013 Vanessa Williams, M. S., Neuroscience and Cognitive Science Program (NACS) (LSAMP Bridge to the Doctorate Recipient)

2012 - 2016 Allison Robey, Department of Psychology (NSF Honorable Mention)

*Undergraduate students* (from many Departments including: Psychology, Biology, Computer Science,

Neurobiology and Physiology, Education, Special Education)

2018 - present Elianna Lopez (Maryland Summer Scholar, 2018), Ada Wong, Alexa Noppenberger, Alexis Spiotta, Alicia Gordon, Rylee Duncan, Carli Fine (Irv & Micki Goldstein Scholarship; Gold Award for best poster presentation at the Psychology Undergraduate Research Fair 2018) Suejean Han, Katie Karayianis, Olivia Antezana (Outstanding Accomplishments in Psychology Award 2019), Elizabeth Dolin, Kelly Walsh (Outstanding Accomplshments in Psychology Award 2018), Lauren Rather (Outstanding Accomplishments in Psychology Award 2019), Lena Meredith, Miles Stroud, Nimra Naeem, Sanaa Amin (Gold Award for best poster presentation at the Psychology Undergraduate Research Fair 2018), Sonali Patel, Sydney Weiner, Vivian Zohery

2017 - 2018 Elianna Lopez (Maryland Summer Scholar, 2018), Angel Tse (McNair Scholar), Ada Wong, Alexa Noppenberger, Alexis Spiotta, Alicia Gordon, Arcadia Ewell, Avraham Eisenstein, Carli Fine (Gold Award for best poster presentation at the Psychology Undergraduate Research Fair 2018), Elizabeth Dolin, Jessica Grisez, Kelly Walsh (Outstanding Accomplishments in Psychology Award 2018), Lauren Rather, Lena Meredith, Miles Stroud, Nimra Naeem, Sanaa Amin (Gold Award for best poster presentation at the Psychology Undergraduate Research Fair 2018), Sonali Patel, Vivian Zohery

2016 - 2017 Sarah Dean (Maryland Summer Scholar award 2016, Outstanding Accomplishments in Psychology Award 2017), Kelly Walsh, Melissa Robinson, Dee Adedipe (Psychology Honors Student, Outstanding Accomplishments in Psychology Award 2017), Arcadia Ewell, Carli Fine, Danielle Flores, Elizabeth Dolin, Jennifer Taylor, Jessica Grisez, Nimra Naeem, Sonali Patel, Nina Shea

2015 - 2016 Amna Zehra (Maryland Summer Scholar award 2015, Mark S. Harper Award for Excellence in Psychology 2016), Emily Kim, Rae Herman, Bridget Sundel, Sarah Dean, Galya Oberman, Sucheta Swaminathan, Samantha Holder, Jennifer Taylor, Faith Champion, Daniela Vazquez, Melissa Robinson, Sonali Patel, Zachary Cherna

2014 - 2015 Sharon Amir, Alison Gruber (Outstanding PSYC Terp Award 2015), Abby Hsiung (University of Maryland Undergraduate Researcher of the Year 2015, Outstanding PSYC Terp Award 2015), Emily Kim, Pooja Patel (Outstanding PSYC Terp Award 2015), Jennifer Sloane (2015 Mark S. Harper Award for Excellence in Psychology), Maggie Sundel (University of Maryland Undergraduate Researcher of the Year 2015, BSOS Summer Scholar award 2014), Bridget Sundel, Tammy Tran, Agnes Varghes (Award for Excellence in Student Leadership 2015), Amna Zehra (Maryland Summer Scholar award 2015, Mark S. Harper Award for Excellence in Psychology 2016)

2013 - 2014 Schuyler Ames, Anastasiya Filippova, Alison Gruber, Abby Hsiung, Allison Irisin (visiting student from JMU) Emily Kim, Stephanie Lighter, Louis Marti, Hima Patel, Pooja Patel, Nikki Schoenbrun, Jennifer Sloane, Maggie Sundel (BSOS Summer Scholar award 2014), Bridget Sundel, Sarah Tanveer, Tammy Tran

2012 - 2013 Julie Adhaya, Schuyler Ames, Brittany Baum, Theresa Bullen, Eli Cooper, Anastasiya Filippova, Abby Hsiung, Stephanie Lighter, Louis Martin, Hima Patel, Melissa Patel, Pooja Patel, Laura Prindeze, Nikki Thaker (received Department of Psychology's Award for Excellence in Student Leadership), Erin Van Seeters, Kyle Schiller, Jenny Sloane, Maggie Sundel, Sarah Tanveer, Tammy Tran, Dasylia Willoughby, Jordana Zwerling (Honors Thesis)

2011 - 2012 Julie Adhaya, Selamawit Addissie, Jessica Albrecht, Becca Banerjee, Jeanne Cowan (received Mark S. Harper Award for Excellence in Psychology), Kaitlyn Gardner, Allison

Jean, Margaret-Ellen Johnson, Sope Lan (McNair Scholar), Dayna Mazza, Christopher Parker, **Lauren Rabon,** Poorna Shreekumar, Tammy Tran, **Kelsey Woods, Erin Van Seeters,** Dasylia Willoughby, Laura Prindeze, Nikki Thaker, Jordana Zwerling

 2010 - 2011 Selamawit Addissie, Sarah Blankenship, Lindsay Gerber, Neaha Gupta, Margaret-Ellen

Johnson, Jessica Kruger, Nari Lee, Noah Myers, **Rachel Peissner,** Christopher Parker, Eliana Sudikoff, **Kelsey Woods**

2009 - 2010 Andrew Cherenzia, Martin Fokoff, Andrew Garinther, Pradhab Kirupaharan, Stephanie Lidd, Dayna Mazza, Jamie Rosen, Jamie Schwartz, Nikki Thaker, Amber Wallace

2008 - 2009 Katherine Lopez (NSF Graduate Research Fellowship 2017), M. Graciela Mujica,

 Meredith Polm

*Post-baccalaureate students*

2018 - present Arcadia Ewell, Benjamin Weinberg

2017 - 2018 Lisa Cox, Jacob Hansen, Nicholas Ramazon

2016 - 2017 Lisa Cox, Shane Wise, Jacob Hansen

2015 - 2016 Allie Isrin, Jon Segars, Elizabeth Mulligan, Marissa Clark

2014 - 2015 Jonathan Segars, Louis Marti, Elizabeth Mulligan

2013 - 2014 Jonathan Segars, Louis Marti

2012 - 2013 Lia Rios, Mills Wallace, Jason Sotomayer, Lauren Weiss

2011- 2012 Lia Rios, Sam Seidenberg, Sarah Blankenship

2010 - 2011 Elizabeth Woytowicz

2009 - 2010 Shannon Janney, Maria Massiani

2008 - 2009 Victoria Smith

*High School Interns*

2012 - 2013 Janet Adelola, Preston Ge, Elanore Roosevelt High School, Michelle Yan

2011 -2012 Kemy Ndubuizu, Elanore Roosevelt High School

2010 - 2011 Tammy Tran, Elanore Roosevelt High School

2016 Kishan Dharmasena

*Student Committees*

2018 - 2019

Morgan Botdorf, Department of Psychology, Masters Theis Committee, Chair

Adreanna T. Massey, Department of Psychology, Dissertation Committee

Alexandra Hickey, Department of Psychology, Undergraduate Honors Thesis Committee

Maureen Bowers, Neuroscience and Cognitive Science, Annual Review Committee

2017 - 2018

Morgan Botdorf, Department of Psychology, Masters Theis Committee, Chair

David Ampofo, Department of Psychology, Masters Theis Committee

Rachael Tillman, Department of Psychology, Dissertation Committee

Lauren Catalano, Department of Psychology, Dissertation Committee

Dustin Moraczewski, Neuroscience and Cognitive Science, Dissertation Committee

Laura Anderson, Department of Psychology, Dissertation Committee

Kristen Dwyer, Department of Psychology, Dissertation Committee

Emma Chad-Friedman, Department of Psychology, Masters Theis Committee

Jessica Ellis, Neuroscience and Cognitive Science, Qualifying Exam Committee

Maureen Bowers, Neuroscience and Cognitive Science, Qualifying Exam Committee

Sara Haas, Human Development and Quantitative Measurement, Dissertation Committee

Sonya Troller-Renfree, Human Development and Quantitative Measurement, Dissertation Cmte

Brandon Terrizzi, Department of Psychology, Dissertation Committee

Kristen Dwyer, Department of Psychology, Dissertation Committee

2016 - 2017

Amanda Burton, Neuroscience and Cognitive Science, Dissertation Committee

Theresa Smith, Kinesiology, Dissertation Committee, Dean’s Representative

Stephanie Merwin, Department of Psychology, Dissertation Committee

Maureen Bowers, Neuroscience and Cognitive Science, First year project Committee

David Martin, Department of Psychology, Masters Committee

Jessie Stern, Department of Psychology, Masters Committee

Amanda Woodward, Department of Psychology, Masters Committee

Sarah Blankenship, Neuroscience and Cognitive Science, Dissertation Committee, Chair

Kelsey Canada, Department of Psychology, Masters Committee, Chair

Sara Haas, Human Development and Quantitative Measurement, Dissertation Committee

Adreanna T. Massey, Department of Psychology, Masters Committee

Brandee Feola, Human Development and Quantitative Measurement, Dissertation Committee

Sonya Troller-Renfree, Human Development and Quantitative Measurement, Dissertation Cmte

Lauren Catalano, Department of Psychology, Dissertation Committee

Laura Anderson, Department of Psychology, Dissertation Committee

2015 - 2016

Jessica Stern, Department of Psychology, Masters Committee

Theresa Smith, Kinesiology, Dissertation Committee

Alison Robey, Department of Psychology, Dissertation Committee

Maureen Bowers, Neuroscience and Cognitive Science, First Year Project Committee

Yue Du, Department of Kinesiology, Dissertation Committeee

Jeffery Chrabaszcz, Department of Psychology, Dissertation Committee

Tyson Barker, Neuroscience and Cognitive Science, Dissertation Committee

Alison Robey, Department of Psychology, Qualifying Exam Committee

Lauren Weiss, Kinesiology Department, Masters Committee

Jackie Gross, Department of Psychology, Qualifying Exam Committee

Amanda Burton, Neuroscience and Cognitive Science, Dissertation Committee

Kathryn Yoo Chon, Neuroscience and Cognitive Science, Dissertation Committee

Theresa Smith, Kinesiology, Comprehensive Exam Committee

David Martin, Department of Psychology, Masters Committee

Brandon Terrizzi, Department of Psychology, Qualifying Exam Committee

Bonnie Brett, Department of Psychology, Dissertation Committee

2014 - 2015

Jeffery Chrabaszcz, Department of Psychology, Dissertation Committee

Tyson Barker, Neuroscience and Cognitive Science, Dissertation Committee

Lauren Weiss, Kinesiology Department, Masters Committee

Sarah Blankenship, Neuroscience and Cognitive Science, Qualifying Exam Cmte., Chair

Amanda Burton, Neuroscience and Cognitive Science, Qualifying Exam Committee

Jason Jones, Department of Psychology, Dissertation Committee

Katherine Rice, Department of Psychology, Qualifying Exam Committee

Bonnie Brett, Department of Psychology, Qualifying Exam Committee

Alison Robey, Department of Psychology, Masters Committee, Chair

Sarah Blankenship, Neuroscience and Cognitive Science, Dissertaion Committee, Co-Chair

Brandon Terrizzi, Department of Psychology, Masters Committee

2013 - 2014

Leslie Rollins, Department of Psychology, Dissertation Committee, Chair

Vanessa Williams, Neuroscience and Cognitive Science, Masters Committee, Chair

Shannon Williams, Neuroscience and Cognitive Science, Qualifying Exam Committee

Sarah Blankenship, Neuroscience and Cognitive Science, Second Year Advisory Cmte., Chair

Amanda Burton, Neuroscience and Cognitive Science, Second Year Advisory Committee

Amanda Burton, Neuroscience and Cognitive Science, Qualifying Exam Committee

Jason Jones, Department of Psychology, Qualifying Exam Committee

Yue Du, Department of Kinesiology, Dissertation Committeee

2012 - 2013

Sarah Blankenship, Neuroscience and Cognitive Science, First Year Advisory Committee Chair

Amanda Burton, Neuroscience and Cognitive Science, First Year Advisory Committee

Shannon Williams, Neuroscience and Cognitive Science, First Year Advisory Committee

Vanessa Williams, Neuroscience and Cognitive Science, Qualifying Exam Committee Chair

Victoria Smith, Department of Psychology, Masters Committee

Ruth Ludlum, Department of Psychology, Undergraduate Honors Thesis Committee

Jordana Zwerling, Department of Psychology, Undergraduate Honors Thesis Committee Chair

Laura Sherman, Department of Psychology, Dissertation Committee

2011 - 2012

 Vanessa Medley, Department of Psychology, Comprehensive Exam Committee

 Matt Miller, Neuroscience and Cognitive Science, Qualifying Exam Committee

 Kathryn Yoo Chon, Neuroscience and Cognitive Science, First Year Advisory Committee

 Laura Sherman, Department of Psychology, Dissertation Committee

Jong Moon Choi, Neuroscience and Cognitive Science, First Year Advisory Committee

Marissa Tolep, Department of Psychology, Masters Thesis Committee

Katherine Ehrlich, Department of Psychology, Dissertation Committee

Melissa Pangelinian, Neuroscience and Cognitive Science, Dissertation Thesis

Matt Miller, Neuroscience and Cognitive Science, Dissertation Committee

Brandi Stupica, Department of Psychology, Dissertation Committee

Jessica Oldham, Neuroscience and Cognitive Science, Dissertation Committee

Leslie Hainley Rollins, Department of Psychology, Masters Committee Chair

2010 - 2011

 Meghan Graham, Department of Psychology, Masters Committee Chair

 Leslie Hainley Rollins, Department of Psychology, Masters Committee Chair

 Tali Rasooly, Department of Psychology, Undergraduate Honors Thesis

 Vanessa Williams, Neuroscience and Cognitive Science, First Year Advisory Committee

 Jeremy Rietschel, Neuroscience and Cognitive Science, Dissertation Thesis Committee

 Matt Miller, Neuroscience and Cognitive Science, Qualifying Exam Committee

 Victoria Smith, Department of Psychology, Masters Committee

 Giovanna Morini, Hearing and Speech Sciences, Candidacy Paper Committee

 Brandi Stupica, Department of Psychology, Dissertation Committee

 Sarah Gerson, Department of Psychology, Dissertation Committee

 Psi Chi Mentor (Undergraduates): Jessica Kruger

2009 - 2010

 Lauren Shuck, Department of Psychology, Masters Thesis Committee

 Marissa Tolep, Department of Psychology, Masters Thesis Committee

 Brandi Stupica, Department of Psychology, Qualifying Exam Committee

 Laura Sherman, Department of Psychology, Qualifying Exam Committee

 Leslie Hainley, Neuroscience and Cognitive Science, First Year Advisory Committee Chair

 Matthew Miller, Neuroscience and Cognitive Science, First Year Advisory Committee

 Jessica Oldham, Neuroscience and Cognitive Science, First Year Advisory Committee

 Psi Chi Mentor (Undergraduates): Fei Hou, Melissa Roth, Ellen Pitt, Jessica Ur, Michele Stern

2008 - 2009

 Laura Sherman, Department of Psychology, Masters Thesis

 Sarah Gerson, Department of Psychology, Qualifying Exam Committee

 Tracy Tomlinson, Department of Psychology, Dissertation Thesis Committee

 Katherine Ehrlich, Department of Psychology, Qualifying Exam Committee

 Meghan Graham, Neuroscience and Cognitive Science, First Year Advisory Committee Chair

 Melissa Pangelinian, NACS, Dissertation Thesis

 Mike Kirwan, NACS, First Year Advisory Committee

 Kristen Lin, NACS, First Year Advisory Committee

 Giovanna Morini, Deaprtment of Hearing and Speech Sciences, Masters Thesis

 Psi Chi Mentor (Undergraduates): Jamie Rosen, Preethi Kumar, M. Gracilea Mujicia, Maria Massiani, Katherine Lopez

#### PROFESSIONAL SOCIETY MEMBERSHIPS

2001-present Society for Research in Child Development (SRCD)

2003-present Cognitive Development Society (CDS)

2003-present Cognitive Neuroscience Society (CNS)

2016-present Developmental Cognitive Neuroscience Society (Flux Congress)

##### CONFERENCE PRESENTATIONS

**\*Please note:** I have formerly published under the name DeBoer, T.**, bold** indicates student

**Fine, C., Amin, S.,** Cox, L., & Riggins, T. (2019, October).  *Relations between autobiographical memory and hippocampal subregion volumes in early childhood.* Poster presented at the biennial meeting of the Cognitive Development Society, Louisville, KY.

Ewell, A., **Allard, T.,** Weinberg, B., Riggins, T., Dougherty, L.(October, 2019). *The role of negativity in the relation between internalizing behaviors and the brain: A mediation model.* Poster presented at the annual meeting of the International Society for Developmental Psychology, Chicago, IL.

**Canada, K., Botdorf, M.,** & Riggins, T.(October, 2019). *Developmental trajectories of temporal memory and hippocampal subregions.* Poster to be presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

**Botdorf, M., Chad-Friedman E.,** Dougherty, L.R., & Riggins, T. (October, 2019). *Typical variations in stress impact hippocampal volume in young children.* Poster to be presented at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

**Allard, T., Lokhandwala, S., Botdorf, M.,** Ewell, A., Weinberg, B., Spencer, R., & Riggins, T. (2019, October). *Relations between sleep, memory consolidation, and hippocampal development in early childhood.* Poster presented at the annual meeting of the International Society for Developmental Psychology, Chicago, IL.

Riggins, T., & **Canada, K.** (2019, October). *Longitudinal examination of associations between young children’s pattern separation abilities and hippocampal subfield volumes.* Paper presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

**Botdorf, M.,** Geng, F., & Riggins, T. (2019, October). *Network analysis of memory and attention networks in the brain.* Paper presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

**Canada, K.,** Geng, F., & Riggins, T. (2019, October). *Longitudinal changes in hippocampal subfield volume predict improvements in memory ability during early to mid-childhood.* Paper presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

Riggins, T., Weinberg, B., Ewell, A., **Allard, T., Lokhandwala, S., Botdorf, M., &** Spencer, R. M. C. (2019, October). *Sleep-dependent memory consolidation and hippocampal development in preschoolers.* Paper presented at the meeting of the Cognitive Development Society, Louisville, KY.

**Canada, K., Botdorf, M.,** & Riggins, T. (2019, August).Longitudinal development of hippocampal subregions during early-childhood. Poster presented at Flux Congress, New York City, NY.

**Botdorf, M., Chad-Friedman E.,** Dougherty, L.R., & Riggins, T.(2019, August). *Relations between typical variations in stress and hippocampal volume in young children.* Poster presented at Flux Congress, New York City, NY.

**Allard, T., Lokhandwala, S., Botdorf, M.,** Ewell, A., Weinberg, B., Spencer, R., & Riggins, T. (2019, August). *Relations between hippocampal volume and sleep in early childhood.* Poster presented at the Flux Congress, New York City, NY.

**Antezana, O., Spiotta, A., Wong, A**., Weinberg, B. E., & Riggins, T. (2019, April). *Sleep is for the week: The role of sleep on declarative memory in children.* Poster presented at Undergraduate Research Day, University of Maryland, College Park, MD**.**

**Preilipper, S., El-Showk, V., Allard, T.L.,** & Riggins, T. (2019, April). *The development of item-location binding in 4-8 year old children.* Poster presented at University of Maryland Undergraduate Research Day, College Park, MD.

**Rather, L., Canada, K.,** & Riggins, T. (2019, April). *The role of experience on attention and memory: Potential implications for cross-race misidentification*. Poster presented at Undergraduate Research Day at the University of Maryland, College Park, MD.

**Patel, S., Karayianis, K., Botdorf, M.,** & Riggins, T. (2019, April). *Associations between cortical thickness & episodic memory in young children.* Poster presented at the University of Maryland Undergraduate Research Day, College Park, MD.

**Badawi, S. M.\*, Dombek, K.\*, Strachan, A.,** Ewell, A., & Riggins, T. (2019, April). *Nap time factors and memory in young children*. Poster presented at University of Maryland Department of Psychology Undergraduate Research Fair, College Park, MD.

**Botdorf, M.,** Geng, F., & Riggins, T. (2019, July). *Graph theoretical analysis of age-related differences in the episodic memory network in children.* Poster presented at the Organization for Human Brain Mapping Conference, Rome, Italy.

Ewell, A. & Riggins, T. (2019, May). *Relations between brain structure and internalizing symptoms in typically developing young children.* Poster presented at the 31st annual meeting of the American Psychological Society. Washington, DC.

**Amin, S.,** Cox, L., **Fine, C.,** Weinberg, B., **Duncan, R.,** & Riggins, T. (2019, May).  *Relations between autobiographical memory and hippocampal subregion volumes in early childhood. Poster presented at the 31st annual American Psychological Society Convention, Washington, D.C.*

Weinberg, B. E., Riggins, T., **Stern, J. A.,** & Cassidy, J. (May, 2019).  *Relations between hippocampus subregion volumes and emotion regulation in young children.* Poster presented at the 31st annual American Psychological Society Convention, Washington, D.C.

Riggins, T. (2019, March). Moderator for Conversation Roundtable: *Memory assessments across development: Current practices and aspirations for the future.* Biennial meeting of the Society for Research in Child Development. Baltimore, MD.

**Lopez, E.,** & Riggins, T. (2019, March). *Associations between sleep, memory, and hippocampal volume in 4- to 8-year-olds.* Poster presented at the Biennial meeting of the Society for Research in Child Development. Baltimore, MD.

Geng, F. & Riggins, T. (2019, March). *Longitudinal investigation of hippocampal functional connectivity at rest and episodic memory in early childhood.* Poster presented at the Biennial meeting of the Society for Research in Child Development. Baltimore, MD.

**Allard, T**., **Canada, K.,** Riggins, T. (2019, March). *Association between item-location binding and hippocampal subregion volumes in four to eight-year-old children.* Poster presented at the Biennial meeting of the Society for Research in Childhood Development, Baltimore, MD.

**Botdorf, M.,** Blankenship, S., Dougherty, L., & Riggins, T. (2019, March). *The impacts of parenting and maternal depression on children’s episodic memory ability: A longitudinal investigation.* Poster presented at the Biennial meeting of the Society for Research in Child Development. Baltimore, MD.

**Botdorf, M.,** Geng, F., & Riggins, T. (2019, March). *Age-related changes in the brain’s memory network: Specialization of the hippocampus revealed by graph theoretical analysis.* Poster presented at the Biennial meeting of the Society for Research in Child Development. Baltimore, MD.

Riggins, T. & Spencer, R. (2019, March). *To nap or not: Relations between napping, brain development, and memory in preschool children.* Paper presented at the Biennial meeting of the Society for Research in Child Development. Baltimore, MD. [Co-Chair of symposium: Sleep, Memory and the Brain During Development]

**Stern, J. A.,** Gross, J. T., Brett, B. E., Riggins, T., Fitter, M., Milheim, E., & Cassidy, J. (2019, March). Adult attachment style predicts parents’ empathy for their children: Evidence from preschool through middle childhood. In S. Woodhouse (Chair), *Adult attachment style: Implications for parenting behavior and child outcomes.* Paper presented at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.

**Tse, A.,** Canada, K. L., & Riggins, T. (2019, May). *Examining Gender Correlates of Pattern Separation Ability in Adults and Children.* Poster presented at the 2nd World Congress on Undergraduate Research *(World CUR 2019)*, Oldenburg, Germany.

**Amin, S.** & Riggins, T. (2018, November). *Relations Between Autobiographical Memory, Social Factors, and Hippocampal Subregion Volumes*. Poster to be presented at the Annual Biomedical Research Conference for Minority Students (ABRCMS), Indianapolis, IN. Declined.

**Chad-Friedman, E.,** Riggins, T., Botdorf, M., & Dougherty, L.R. (2018, November). *Early Life Stress Predicts Reduced Brain Volume and Poorer Cognitive Functioning in School Age Children.* Poster to be presented at the 52nd annual convention of the Association for Behavioral and Cognitive Therapies, Washington, DC.

**Canada, K.,** Geng, F., Hancock, G.R., Riggins, T. (2018, August).  *Longitudinal development of hippocampal subfields during early to mid-childhood*. Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, Berlin, Germany.

**Botdorf, M.,** Geng, F., & Riggins, T. (August, 2018) *A graph theoretical analysis of the episodic memory network during early childhood.* Poster presented at the Flux Congress, Berlin, Germany.

**Chad-Friedman, E.,** Riggins, T., & Dougherty, L.R. (2018, May).*Reduced cortical thickness mediates prospective associations between early life stress and externalizing symptoms in school-age children.* Poster presented at the 30th annual convention of the Association for Psychological Science, San Francisco, CA.

**Hansen, J., Ramazon, N., Zohery, V.,** & Riggins, T. (2018, April*). Associations between Hippocampal Subregions and Episodic Memory in Early Childhood.* Poster presented at the University of Maryland Undergraduate Research Day, College Park, MD

**Fine, C., Amin, S.,** Cox, L., & Riggins , T. (2018, April) *Relations between autobiographical memory, social factors, and hippocampal subregion volumes*. Poster presented at University of Maryland Undergraduate Research Day, College Park, MD.

Geng, F., Redcay, E., & Riggins, T. (2018, June). *Using the Inscapes movie paradigm to examine relations between memory and hippocampal functional connectivity at rest during early childhood.* Paper presented at Annual Meeting of the Organization for Human Brain Mapping, Singapore.

Riggins, T., **Canada, K., Ngo, C.,** Newcombe, N. S., & Geng, F. (2018, April). *It’s all in the details: Relations between childrens’ pattern separation abilities and hippocampal subfield volumes*. Paper presented at The International Conference Learning and Memory, Huntington Beach, CA.

**Canada, K.** & Riggins, T. *Exploring the impact of age and experience on pattern separation.* (2018, April). Paper presented at The International Conference Learning and Memory, Huntington Beach, CA.

**Botdorf, M.** & Riggins, T.(2018, April). *Relations between working memory and cortical thinning in anterior cingulate cortex and dorsolateral prefrontal cortex in early childhood.* Poster presented at the International Conference on Learning and Memory, Huntington Beach, CA.

**Canada, K.,** Geng, F., Riggins, T. (2017, September). *Relations between pattern separation ability and hippocampal subfield volume in childhood.* Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, Portland, OR.

Cox, L., **Adedipe, O.,** & Riggins, T.(2017, September). *Relations between autobiographical memory and hippocampal subregion volume in early childhood.* Poster presented at the annual meeting of Flux: The Society for Developmental Cognitive Neuroscience, Portland, OR.

**Botdorf, M., Blankenship, S.,** Dougherty, L., & Riggins, T. (2017, September). *Positive, but not negative, parenting behavior in early childhood predicts both hippocampal volume and episodic memory ability in middle childhood.* Poster to be presented at the Flux Congress, Portland, OR.

**Botdorf, M.** & Riggins, T.(2017, September). *Relations between working memory and cortical thinning in anterior cingulate cortex and dorsolateral prefrontal cortex in early childhood.* Poster presented at the Flux Congress, Portland, OR.

Geng, F., & Riggins, T. (2017, April). *Developmental differences in hippocampal subfield volumes and relations with episodic memory in early childhood.* Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

Geng, F., Redcay, E., & Riggins, T. (2017, April). *Hippocampal functional connectivity during rest in early childhood: the interplay of age and memory.* Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

**Botdorf, M., Stern, J.A.,** Cassidy, J., Riggins, T. (2017, April). *Associations between attachment security and hippocampal and amygdala volumes in early childhood.* Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.

**Dean, S.,** Geng, F., & Riggins, T. (April, 2017). *Relations between source memory performance and hippocampal subfield volume in early childhood.* Poster presented at the biennial meeting of the Society for Research on Child Development, Austin, TX.

Campanella, C., **Canada, K.,** Clark, M. D., Mulligan, E. M., Geng, F., Spencer, R. M. C., & Riggins, T. (April, 2017). *Preliminary support for maturational links between memory, sleep and hippocampal development in early to middle childhood.* Poster presented at the biennial meeting of the Society for Research on Child Development, Austin, TX.

**Blankenship, S.L.,** Riggins, T., Dougherty, L.R. (2016, November). *Hippocampal resting-state connectivity in children: Longitudinal and concurrent associations with parenting and cortisol reactivity.* Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

**Blankenship, S.L.,** Riggins, T., & Dougherty, L.R. (2016, September*). Longitudinal associations between early and concurrent parenting and child cortisol reactivity on hippocampal volume during childhood.* Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, St. Louis, MO.

Geng, F., Mulligan, E., & Riggins, T. (2016, September). *Developmental differences in hippocampal contribution to episodic memory in 4- to 8-year-old children.* Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, St Louis, MO.

**Canada, K.,** Geng, F., & Riggins, T. (2016, September). *Electrophysiological correlates of intentional source memory retrieval in early childhood.* Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, St Louis, MO.

Riggins, T., **Zehra, A.,** Clark, M., & Mulligan, E. (2016, September).*Relations between source memory and hippocampal volume in early childhood.* Poster presented at the Annual Meeting of Flux: The Society for Developmental Cognitive Neuroscience, St Louis, MO.

**Zehra, A., Swaminathan, S., Vazquez, D.,** & Riggins, T. (2016*). Associations between hippocampal subregions and episodic memory in early childhood*. Poster presented at University of Maryland Undergraduate Research Day, College Park, MD.

**Rowell, S. F.,** Jaswal, V. K., & Riggins, T. (October, 2015). *Children's interest in talking about the past.* Poster presented at the meeting of the Cognitive Development Society, Columbus, OH.

**Rollins, L.,** Cloude, E., & Riggins, T. (2015, October). *Effect of serial position on long-term memory in early childhood.* Poster presented at the meeting of the Cognitive Development Society, Columbus, OH.

Mulligan, E., **Blankenship, S. L.,** Leppert, K., Merwin, S., Dougherty, L. R., & Riggins, T. (March, 2015). *Developmental differences in relations between episodic memory and hippocampal subregion volume during early to middle childhood.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Riggins, T., **Blankenship, S.,** Redcay, E., & Dougherty, L. R. (March, 2015). *Development of hippocampal resting-state networks during childhood.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Riggins, T., **Blankenship, S.,** Rice, K., Mulligan, E., & Redcay, E. (April 2015). *Relations between episodic memory and hippocampal subregion volumes in early childhood.* Paper presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Blankenship, S.,** Redcay, E., Dougherty, L., & Riggins, T. (March, 2015). *Development of brain networks: Insights from resting-state functional connectivity studies of the amygdala and hippocampus.* Co-Chair paper symposium at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Rollins, L.,** &Riggins, T. (March, 2015). *Development of subjective recollection: Evidence from event-related potential studies of memory encoding and retrieval.* Paper presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

Riggins, T., **Blankenship, S.,** Leppert, K., **Marti, L., Segars, J., Gruber, A.,** & Dougherty, L.R. (March, 2015). *Relations between hippocampal functional connectivity during rest and memory performance in 5- to 8-year-old children.* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Blankenship, S.,** Smith, V. C., Dougherty, L. R., & Riggins, T. (March, 2015). *Interaction between maternal lifetime depression and early negative parenting on hippocampal connectivity.* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Robey, A.,** & Riggins, T. (March, 2015*). Comparison of incidental vs intentional source memory in young children: Evidence from ERPs.* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Robey, A.,** & Riggins, T. (March, 2015). *Increasing the contribution of familiarity: Does unitization improve children’s performance on a relational memory task?* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Rollins, L., Robey, A.,** & Riggins, T. (March, 2015). *Influence of delay on electrophysiological correlates of memory during early childhood.* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

**Sundel, M.\*, Hsiung, A.\*, Blankenship, S., Marti, L.,** Mulligan, E. & Riggins, T. (March, 2015). *The effects of emotional valence and arousal on item and source memory across development.* Poster presented at the biennial meeting of the Society for Research on Child Development, Philadelphia, PA.

Riggins, T., **Blankenship, S.,** Dougherty, L. (November, 2014). *Effects of early life stress on brain networks supporting memory during childhood.* Poster presented at the Shaping the Developing Brain: Prenatal through Early Childhood Fifth Annual Aspen Brain Forum, sponsored by The New York Academy of Sciences, New York City, New York.

**Robey, A.**, Tidwell, J., & Riggins, T. (November, 2014). *Manipulating the contribution of familiarity in relational memory: A comparison of four imagery strategies.* Poster presentation at the annual meeting of the Psychonomic Society, Long Beach, CA.

Redcay, E., **Rice, K.,** & Riggins, T. (November, 2014). *Context-dependent modulation of amygdala-prefrontal networks in early childhood.* Nanosymposium at the annual meeting for the Society for Neuroscience, Washington DC.

**Robey, A.,** & Riggins, T. (April, 2014). *Event Related Potential Investigations of Active & Passive Memory Retrieval during Early Childhood.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston , MA.

**Rollins, L.,** & Riggins, T. (April, 2014). *Development of subjective recollection: Evidence from event-related potentials.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.

**Blankenship, S.L.,** Langeslag, S.J.E., Smith, V.C., Riggins, T., Dougherty, L. (April, 2014). *Longitudinal associations between negative parenting during early childhood and hippocampal resting-state networks three years later.* Poster presented at the annual meeting of the Cognitive Neuroscience Society, Boston, MA.

**Robey, A., Blankenship, S.**, Weiss, L., **Rollins, L.,** & Riggins, T. (October, 2013). *Neural correlates of memory in early childhood.* Poster presented at the biennial meeting of the Cognitive Development Society, Memphis, TN.

**Zwerling, J., Rollins, L.,** & Riggins, T. (May, 2013) *Individual differences in children's episodic memory influence event-related potentials.* Undergraduate research day, Department of Psychology, University of Maryland, College Park, MD.

Riggins, T., & Bauer, P. J. (April, 2013). *Longitudinal investigation of memory for temporal order and source in early and middle childhood.* Paper presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.

Riggins, T., **Blankenship, S., Rollins, L.,** Weiss, L., & Redcay, E. (April, 2013). *The role of the hippocampus in recollection during early childhood.* Paper presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.

**Rollins, L.,** & Riggins, T. (April, 2013). *Influence of executive functioning on memory for contextual details and false recognition.* Poster presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA

**Robey, A., Rollins, L.,** & Riggins, T. (April, 2013). *Predicting recollection: Electrophysiological indices of recollection at encoding using objective and subjective measures in children and adults.* Poster presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA

Redcay E., **Rice, K.,** Viscomi, B., & Riggins, T. (2013, April). *Using functional connectivity MRI to study advanced theory of mind in 6-year-old children.* Poster presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.

**Rice, K.,** Viscomi, B., Riggins, T., & Redcay E. (2013, April). *Size of social brain regions correlates with social cognitive ability in early childhood.* Poster presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.

**Williams, V.,** Riggins, T. (2013, April). *Effects of emotion on source memory across development.* Poster presented at 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA

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**Rollins, L., Robey, A.,** & Riggins, T. (April, 2013). Predicting recollection: Electrophysiological indices of recollection at encoding using objective and subjective measures in children and adults. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

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