

CATHERINE M. MEWBORN

Curriculum Vitae

Contact Information

Work Address Department of Psychology
125 Baldwin Street
Athens, Georgia 30602
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Education

- 2018 – 2019 *Predoctoral Internship*, Memphis VA Medical Center, Memphis, Tennessee
- Exp. 2019 *Doctoral Candidate*, Psychology (Clinical), University of Georgia, Athens, Georgia
APA Accredited, PCSAS Accredited
Doctoral Committee Chair: L. Stephen Miller, Ph.D.
Title: The effects of lutein and zeaxanthin supplementation on brain morphology in older adults.
- 2016 *Master of Science*, Psychology (Clinical), University of Georgia, Athens, Georgia
APA Accredited, PCSAS Accredited
Thesis Committee Chair: L. Stephen Miller, Ph.D.
Title: Retinal and serum lutein and zeaxanthin: Relation to white matter integrity in younger and older adults.
- 2013 *Bachelor of Arts*, Psychology, Wake Forest University, Winston-Salem, North Carolina
Thesis Committee Chair: Janine Jennings, Ph.D.
Title: The effects of nitrate consumption and cognitive training on cognition.
- 2013 *Bachelor of Arts*, Philosophy, Wake Forest University, Winston-Salem, North Carolina

Awards and Honors

University of Georgia

- 2018 Nominated, Richard L. Marsh Mentoring Award
- 2017 International Neuropsychological Society Student Liaison Committee Research Award
- 2017 Travel Award, University of Georgia Graduate School, \$575
- 2016 – 2018 Fellow, Paul D. Coverdell Franklin Foundation Neuroimaging Scholars Program
Partial stipend; Yearly award of \$3,000 for MRI research and \$1,000 for travel.
- 2016 Travel Award, Coverdell Neuroimaging Franklin Foundation Scholars Program, \$900
- 2016 Travel Award, University of Georgia Graduate School, \$575
- 2013 – 2015 Graduate School Assistantship
Stipend for the 2013-2015 academic years awarded on a competitive basis
- 2013 Excellence in Graduate Recruitment Fund Award, \$3000

Wake Forest University

- 2013 William C. Archie and Ruth M. Archie Award
- 2012 Thesis Completion Grant, Translational Science Center of Wake Forest University, \$2,000
- 2011 Phi Beta Kappa
- 2011 Psi Chi, National Psychology Honor Society
- 2009 – 2013 Dean's List, eight semesters
- 2009 – 2013 William Louis Poteat Scholarship

Clinical Experiences

- 2017 - 2018 *Neuropsychology Extern*
Memory Neurology Clinic, Grady Memorial Hospital, Atlanta, Georgia
Supervisors: Angela V. Ashley, M.D. and Felicia Goldstein, Ph.D., ABPP-CN
- Brief neuropsychological screening and evaluation of diverse adults (e.g., low socioeconomic status, 90% non-Caucasian) in a neurology clinic at a large, public hospital
 - Referral questions of neurodegenerative disorders, psychiatric conditions, TBI, cerebrovascular events, infectious disease, and various cortical and subcortical dementias
 - Responsibilities: Administration of brief neuropsychological test batteries and screening measures, clinical interviewing, medical records review, differential diagnosis, treatment planning, consultation activities, and feedback in a multidisciplinary setting.
- 2017 – 2018 *Neuropsychology Extern*
Department of Neurology, Emory Healthcare, Emory University, Atlanta, Georgia
Supervisor: David Loring, Ph.D., ABPP-CN
- Neuropsychological assessment of adults
 - Referral questions of cognitive and/or psychiatric difficulties related to epilepsy, neurodegenerative disorders, movement disorders, or other neurological impairment. Conduct pre-surgical assessments of epilepsy patients considering surgery for poorly-controlled seizures.
 - Responsibilities: Diagnostic interviewing, medical record review, test administration, scoring, interpretation of results, and integrated report writing.
- 2016 – 2017 *Pre-Intern Supervisor*
Regents' Center for Learning Disabilities, University of Georgia, Athens, Georgia
Supervisor: Scott E. Miller, Ph.D.
- Trained junior practicum students on neuropsychological test administration.
 - Prepared didactic materials for training meetings.
 - Observed and provided individual supervision for junior practicum students
 - Edited integrated reports written by junior practicum students.
- 2016 – 2017 *Graduate Student Clinician*
Regents' Center for Learning Disabilities, University of Georgia, Athens, Georgia
Supervisor: Scott E. Miller, Ph.D.
- Psychological assessment of adolescents and adults.
 - Referral questions of specific learning disabilities, attention deficit hyperactivity disorder, developmental disabilities, cognitive problems, and/or psychiatric difficulties.
 - Responsibilities: Test administration, scoring, interpretation of test results, and integrated report writing.
- 2015 – 2016 *Psychologist-in-Training*
Psychology Clinic, University of Georgia, Athens, Georgia
Supervisor: Emily R. Mouilso, Ph.D.
- Weekly individual therapy and psychodiagnostic assessment with adults.

- Responsibilities: Comprehensive psychological assessment and diagnostic interviewing, case conceptualization, treatment planning, treatment implementation, report and progress note writing.
- Primary theoretical orientation was cognitive-behavioral.

2015 – 2016

Neuropsychology Extern

Children's Healthcare of Atlanta, Department of Neuropsychology, Atlanta, Georgia
Supervisors: David J. Marcus, Ph.D., ABPP-CN and Jaqueline Kiefel, Ph.D.

- Neuropsychological assessment with children and adolescents.
- Referral questions of cognitive, academic, and/or psychiatric difficulties related to genetic disorders, medical disorders, neurodevelopmental disorders, and traumatic brain injury.
- Responsibilities: Diagnostic interviewing, assessment battery development, administration, scoring, and interpretation of test results, report writing, and provision of feedback to children and families.

2014 – 2015

Graduate Student Clinician

Memory Assessment Clinic, Psychology Clinic, University of Georgia, Athens, Georgia
Supervisor: L. Stephen Miller, Ph.D.

- Neuropsychological assessment with adults, particularly older adults. Ancillary assessments of adults with substance use disorders.
- Referral questions of psychiatric, cognitive, and/or memory difficulties.
- Responsibilities: Diagnostic interviewing, assessment battery development, administration, scoring, and interpretation of test results, integrated report writing, provision of feedback to clients and their families, and consultation with neurologists and other healthcare providers.

2014

Psychologist-in-Training

Psychology Clinic, University of Georgia, Athens, Georgia
Supervisor: Andrea M. Jones, Ph.D.

- Psychoeducational assessment with children and adolescents.
- Referral questions of specific learning disabilities, attention deficit hyperactivity disorder, cognitive problems, and/or psychiatric difficulties.
- Responsibilities: Diagnostic interviewing, assessment battery development, administration, scoring, and interpretation of test results, integrated report writing, and provision of feedback to parents and children.

2013 – 2014

Graduate Student Clinician

Regents' Center for Learning Disabilities, University of Georgia, Athens, Georgia
Supervisor: Scott E. Miller, Ph.D.

- Psychological assessment of adolescents and adults.
- Referral questions of specific learning disabilities, attention deficit hyperactivity disorder, cognitive problems, and/or psychiatric difficulties.
- Responsibilities: Administration, scoring, and interpretation of test results and integrated report writing.

Research Experiences

2013 – 2018

Graduate Research Assistant

Neuropsychology & Memory Assessment Laboratory; Department of Psychology, University of Georgia, Athens, Georgia; University of Georgia Bio-Imaging Research Center (BIRC)

Supervisor: L. Stephen Miller, Ph.D.

- Conduct neuropsychological testing for healthy young adults, healthy older adults, and older adults with mild cognitive impairment.
- Acquire, process, and analyze images across various neuroimaging modalities (structural MRI, fMRI, Diffusion Tensor MRI, and Resting State MRI).
- Primary questions include neural correlates of cognitive performance and functional abilities, neural markers of nutrition and physical health status, and neural mechanisms of action for nutrition and cognitive interventions.

2012 – 2013

Senior Honors Thesis Candidate

Department of Psychology, Wake Forest University, Winston-Salem, North Carolina

Supervisor: Janine Jennings, Ph.D.

Title: The effects of nitrate consumption and cognitive training on cognition

- Awarded \$2000 grant from the Translational Science Center of Wake Forest University. Director: Daniel Kim-Shapiro, Ph.D
- Designed and conducted randomized, placebo-controlled trial of the effects of nitrate supplementation and a cognitive training paradigm on working memory, selective attention, and memory performance in younger adults.
- Defended results to department faculty and students.

2012

Research Assistant

Department of Psychiatry and Behavioral Medicine, Wake Forest School of Medicine, Winston-Salem, North Carolina

Supervisors: Jacquelyn Connell B.A., Gretchen Brenes, Ph.D.

Project: Cognitive Behavioral Therapy for late life Generalized Anxiety Disorder

- Aided in participant recruitment, data collection, and data entry.
- Aims of the study included evaluating the efficacy of Cognitive Behavioral Therapy delivered remotely via telephone to older adults diagnosed with Generalized Anxiety Disorder and living in rural areas without access to mental health care services.

2011 – 2012

Undergraduate Research Assistant

Department of Psychology, Wake Forest University, Winston-Salem, North Carolina

Supervisor: Dale Dagenbach, Ph.D.

Project: The effect of cognitive depletion on mind wandering

- Helped design, conduct experiment testing, and analyze the effects of cognitive depletion on the frequency of mind wandering and accuracy in performance on a go/no go task of sustained attention and inhibition.

Related skills: SPM 8, SPM 12, FSL, Freesurfer, Matlab, E-Prime, Qualtrics, SPSS, and Microsoft Office.

Peer-reviewed Publications

Published

1. Gogniat, M.A., Robinson, T.L., **Mewborn, C.M.**, Jean, K.R., & Miller, L.S. (Accepted). Increased body mass index is related to increased brain volume but not neuropsychological functioning in healthy older adults. *Behavioural Brain Research*.

2. **Mewborn, C.M.**, Lindbergh, C.A., Robinson, T.L., Gogniat, M.A., Terry, D.P., Jean, K.R., Hammond, B.R., Renzi-Hammond, L.M., & Miller, L.S. (2018). Relation of lutein and zeaxanthin to visual-spatial functioning in older adults: An fMRI study. *Nutrients*, *10*(4), 458. doi: 10.3390/nu10040458.
3. Lindbergh, C.A., Renzi-Hammond, L.M., Hammond, B.R., Terry, D.P., **Mewborn, C.M.**, Puente, A.N., Miller, L.S. (2018). Lutein and zeaxanthin influence brain function in older adults: A randomized controlled trial. *Journal of the International Neuropsychological Society*, *24*(1), 77-90. doi: 10.1017/S1355617717000534.
4. **Mewborn, C.M.**, Lindbergh, C.A., & Miller, L.S. Cognitive interventions for older adults: A systematic review and meta-analysis of randomized-controlled trials. (2017). *Neuropsychology Review*, *27*(4), 403-439. doi: 10.1007/s11065-017-9350-8.
5. Renzi-Hammond, L.M., Bovier, E.R., Fletcher, L.M., Miller, L.S., **Mewborn, C.M.**, Lindbergh, C.A., Baxter, J.H., & Hammond, B.R. (2017). Effects of a lutein/zeaxanthin intervention on the cognitive function of young healthy adults: A randomized, double-masked, placebo-controlled trial. *Nutrients*, *9*(11), 1246. doi: 10.3390/nu9111246.
6. Hammond, B.R., Miller, L.S., Bello, M.O., Lindbergh, C.A., & **Mewborn, C.M.**, & Renzi-Hammond, L.M. (2017). Effects of lutein/zeaxanthin supplementation on the cognitive function of community dwelling older adults: A randomized, double-masked, placebo-controlled trial. *Frontiers in Aging Neuroscience*, *9*(254), 1-9. doi: 10.3389/fnagi.2017.00254.
7. **Mewborn, C.M.**, Terry, D.P., Renzi-Hammond, L.M., Hammond, B.R., & Miller, L.S. (November 17, 2017). Relation of retinal and serum lutein and zeaxanthin to white matter integrity in older adults: A diffusion tensor imaging study. *Archives of Clinical Neuropsychology*. doi: 10.1093/acn/acx109. [Epub ahead of print].
8. Lindbergh, C.A., **Mewborn, C.M.**, Hammond, B.R., Renzi-Hammond, L.M., Curran-Celentano, J., & Miller, L.S. (2017). The relationship of lutein and zeaxanthin levels to neurocognitive functioning: An fMRI study. *Journal of the International Neuropsychological Society*, *23*(1), 11-22. doi: 10.1017/S1355617716000850.
9. **Mewborn, C.M.**, Renzi, L.M., Hammond, B.R., & Miller, L.S. (2015). Critical flicker fusion predicts executive function in younger and older adults. *Archives of Clinical Neuropsychology*, *30*(7), 605-610. doi: 10.1093/arclin/ac054.

In Press, Under Review/Revision

1. Jean, K.R., Lindbergh, C.A., **Mewborn, C.M.**, Robinson, T.R., Gogniat, M.A., & Miller, L.S. Education differentially buffers cognitive performance in a sample of black and white older adults. *Manuscript submitted for publication*.
2. Lindbergh, C.A., Lv, J., Zhao, Y., **Mewborn, C.M.**, Puente, A.N., Terry, D.P., Renzi-Hammond, L.M., Hammond, B.R., Liu, T., & Miller, L.S. The effects of lutein and zeaxanthin on resting state functional connectivity in older adults: A randomized controlled trial. *Manuscript submitted for publication*.

In Preparation

1. Lindbergh, C.A., Zhao, Y., Lv, J., **Mewborn, C.M.**, Puente, A.N., Terry, D.P., Renzi-Hammond, L.M., Hammond, B.R., Liu, T., & Miller, L.S. Cognitive reserve moderates the relation between age and inter-connectivity of resting state networks in older adults.
2. **Mewborn, C.M.**, Lindbergh, C.A., Hammond, B.R., Renzi-Hammond, L.M., & Miller, L.S. The effects of lutein and zeaxanthin supplementation on brain morphology in older adults.

3. **Mewborn, C.M.**, Faraco, C., Puente, A.N., & Miller, L.S. White matter integrity predicts memory in MCI but not healthy older adults.
4. Terry, D.P., **Mewborn, C.M.**, & Miller, L.S. Repeated sports-related concussion shows only modest signs of white matter differences many years after playing high school football.

Presentations

*indicates undergraduate student supervisee

Colloquium and Conference Talks

1. Lindbergh, C.A., Lv, J., Zhao, Y., **Mewborn, C.M.**, Puente, A.N., Terry, D.P., Renzi-Hammond, L.M., Hammond, B.R., Tianming, L., & Miller, L.S. (October, 2017). Cognitive reserve moderates the relationship between older ages and inter-connectivity of resting state networks. Presented at the National Academy of Neuropsychology's 37th Annual Conference, October 25-28, 2017, Boston, Massachusetts.
2. **Mewborn, C.M.**, Lindbergh, C.A., & Miller, L.S. (February, 2017). Cognitive interventions for older adults: A systematic review and meta-analysis of randomized controlled trials. Presented at the International Neuropsychological Society's Annual Meeting, February 1-4, 2017, New Orleans, Louisiana. Published Abstract: *Journal of the International Neuropsychological Society*, 23(s1), 310-311. doi: 10.1017/S1355617717000558.
3. **Mewborn, C.M.**, Terry, D.P., Lindbergh, C.A., Renzi-Hammond, L.M., Hammond, B. R., & Miller, L.S. (October, 2016). Retinal and serum lutein and zeaxanthin: Relation to white matter integrity in younger and older adults. Presented at the National Academy of Neuropsychology's 36th Annual Conference, October 19-22, 2016, Seattle, Washington. Published Abstract: *Archives of Clinical Neuropsychology*, 31(6), 573. doi: 10.1093/arclin/acw042.06.
4. Lindbergh, C.A., Terry, D., **Mewborn, C.M.**, Renzi-Hammond, L.M., Hammond, B.R., & Miller, L.S. (October, 2016). Lutein and zeaxanthin supplementation improves neurocognitive function in older adults as measured using functional magnetic resonance imaging: A randomized controlled trial. Presented at the National Academy of Neuropsychology's 36th Annual Conference, October 19-22, 2016, Seattle, Washington. Published Abstract: *Archives of Clinical Neuropsychology*, 31(6), 574. doi: 10.1093/arclin/acw042.05.
5. **Mewborn, C.M.**, Lindbergh, C.A., *Reynolds, J., Jean, K., Gogniat, M.A., Robinson, T.L., Renzi-Hammond, L.M., Hammond, B.R., & Miller, L.S. (October, 2016). Lutein and zeaxanthin supplementation to improve cognition and neural functioning: Preliminary results from a randomized, placebo-controlled trial. Presented at the North Georgia Regional Annual Memory Meeting, October 14, 2016, Atlanta, Georgia.

Poster Presentations

1. Gogniat, M.A., **Mewborn, C.M.**, Robinson, T.L., Jean, K.J., Lindbergh, C.A., Reynolds, J.A., Renzi-Hammond, L., Hammond, B., & Miller, L.S. (February, 2018). Relation between lutein, zeaxanthin, and brain volume in older adults. Presented at the International Neuropsychological Society's Annual Meeting, February 14-17, 2018, Washington, District of Columbia.
2. Jean, K.R., **Mewborn, C.M.**, Gogniat, M.A., Robinson, T.L., Lindbergh, C.A., & Miller, L.S. (February 2018). The effect of a dual driving/distraction task game on visuospatial skills in older adults. Presented at the International Neuropsychological Society's Annual Meeting, February 14-17, 2018, Washington, District of Columbia.

3. Miller, L.S., Granos, M., **Mewborn, C.M.**, Gogniat, M., Robinson, T., Jean, K. (July, 2017). Dual driving and distractor task: Association with executive functions in older adults. Presented at the International Neuropsychological Society's Mid-Year Congress, July 5-8, 2017, Cape Town, South Africa.
4. Gogniat, M., Robinson, T., **Mewborn, C.M.**, Dickens, J., & Miller, L.S. (February, 2017). Relationship between BMI and white matter volume in older adults. Presented at the International Neuropsychological Society's Annual Meeting, February 1-4, 2017, New Orleans, Louisiana. Published Abstract: *Journal of the International Neuropsychological Society*, 23(s1), 107-108. doi: 10.1017/S1355617717000558.
5. **Mewborn, C.M.**, Puente, A.N., Faraco, C., Renzi, L.M., Hammond, B.R., & Miller, L.S. (February, 2016). Microstructural white matter integrity predicts performance on instrumental activities of daily living (IADLs) in older adults. Presented at the International Neuropsychological Society Annual Meeting, February 3-6, 2016, Boston, Massachusetts. Published Abstract: *Journal of the International Neuropsychological Society*, 22(s1): 204. doi: 10.1017/S1355617716000734.
6. Lindbergh, C.A., Terry, D., **Mewborn, C.M.**, Bello, M., Bovier, E., Renzi, L., Hammond, B.R., & Miller L.S. (October, 2015). Lutein and zeaxanthin are related to neurobiological efficiency during cognitive performance: An fMRI study. Presented at the Society for Neuroscience Annual Meeting, October 17-21, 2015, Chicago, Illinois.
7. **Mewborn, C.M.**, Lindbergh, C.A., *Dickens, J.M., Stapley, L., Sharma, S., Goldy, S., Bello, M., Renzi, L.M., Hammond, B.R., & Miller, L.S. (July, 2015). Cognitive functioning mediates the relationship between social functioning and activities of daily living in older adults. Presented at the Alzheimer's Association International Conference, July 18-23, 2015, Washington, District of Columbia. Published Abstract: *Alzheimer's & Dementia*, 11(7), P712-P713. doi: 10.1016/j.jalz.2015.06.1581.
8. *Dickens, J.M., **Mewborn, C.M.**, Lindbergh, C.A., Sharma, S., Stapley, L., Goldy, S., Renzi, L.M., Hammond, B.R., & Miller, L.S. (July, 2015). Executive function moderates the relationship between physical performance and functional independence in older adults. Presented at the Alzheimer's Association International Conference, July 18-23, 2015, Washington, District of Columbia. Published Abstract: *Alzheimer's & Dementia*, 11(7), P445-446. doi: 10.1016/j.jalz.2015.06.442.
9. Lindbergh, C.A., Puente, A., MacKillop, J., Faraco, C., Brown, C., Terry, D., **Mewborn, C.M.**, & Miller, L.S. (July, 2015). APOE-ε4 allele status is associated with functional limitations in community-dwelling older adults. Presented at the Alzheimer's Association International Conference, July 18-23, 2015, Washington, District of Columbia. Published Abstract: *Alzheimer's & Dementia*, 11(7), P659, doi: 10.1016/j.jalz.2015.06.970.
10. **Mewborn, C.M.**, Duda, B., Lindbergh, C.A., Terry, D.P., Puente, A.N., Bovier, E., Shon, D., Chu, K., Washington, T.D., Stapley, L., Hammond, B.R., Renzi, L.M., Miller, L.S. (November, 2014). Processing speed and critical flicker fusion as mediators of age and cognition. Presented at the National Academy of Neuropsychology's 34th Annual Conference, November 12-15, 2014, Fajardo, Puerto Rico. Published Abstract: *Archives of Clinical Neuropsychology*, 29(6), 506-50. doi 10.1093/arclin/acu038.9.
11. Terry, D.P., Duda, B., **Mewborn, C.M.**, Lindberg, C.A., Bovier, E., Shon, D., Puente, A.N. Chu, K., Washington, T.D., Stapley, L., Hammond, R., Renzi, L., Miller, L.S. (November, 2014). Brain activity associated with verbal learning and recall in older adults and its relationship to lutein and zeaxanthin concentrations. Presented at the National Academy of Neuropsychology's 34th Annual Conference, November 12-15, 2014, Fajardo, Puerto Rico. Published Abstract: *Archives of Clinical Neuropsychology*, 29(6), 506. doi: 10.1093/arclin/acu038.7.

12. Terry, D.P., Lindberg, C.A., Duda, B., **Mewborn, C.M.**, Shon, D., Bovier, E., Puente, A.N., Stapley, L., Chu, K., Washington, T.D., Renzi L., Hammond, R., Miller, L.S. (November, 2014). An fMRI investigation of visual judgment in older adults and its relationship with a measure of lutein and zeaxanthin. Presented at the National Academy of Neuropsychology's 34th Annual Conference, November 12-15, 2014, Fajardo, Puerto Rico. Published Abstract: *Archives of Clinical Neuropsychology*, 29(6): 505-506. doi:10.1093/arclin/acu038.6
13. **Mewborn, C.M.** & Dagenbach, D. (September, 2012). The effect of cognitive depletion on mind wandering. Presented at the Wake Forest University Undergraduate Research Day, September 28, 2012, Winston-Salem, NC.

Mentored Student Projects

*indicates undergraduate student supervisee

Presentations

1. *Shrestha, R., **Mewborn, C.M.**, & Miller, L.S. (April, 2018). The effects of age on the relation of beta-carotene, lutein, and zeaxanthin on cognitive performance in adults. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia April 9-10, 2018, Athens, Georgia.
2. *Lynch, Peyton, **Mewborn, C.M.**, & Miller, L.S. (April, 2018). Improvements to cognitive switching tasks following a dual distraction and driving intervention. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia April 9-10, 2018, Athens, Georgia.
3. *Reynolds, J., **Mewborn, C.M.**, & Miller, L.S. (April, 2017). Neuroanatomical correlates of functional decline during normal aging. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia, April 3-4, 2017, Athens, Georgia.
4. *Cohen, H.B., **Mewborn, C.M.**, & Miller, L.S. (April, 2017). Risk factors for social isolation in elder care recipients. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia, April 3-4, 2017, Athens, Georgia.
5. *Jordan, K.D., **Mewborn, C.M.**, & Miller, L.S. (April, 2016). Personality in relation to cognitive abilities in a sample of older adults. Presented at 39th Annual Psi Chi Convention, University of Georgia, April 8, 2016, Athens, Georgia.
6. *Dickens, J.M., **Mewborn, C.M.**, Lindbergh, C.A., Sharma, S., Stapley, L., Goldy, S., Bello, M., Renzi, L.M., Hammond, B.R., & Miller, L.S. (March, 2015). Executive function moderates relationship between mobility and functional independence in older adults. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia, March 30-31, 2015, Athens, Georgia.
7. *Stapley, L., **Mewborn, C.M.**, & Miller, L.S. (March, 2014). The influence of neuroticism, openness, and conscientiousness on executive functioning in older adults. Presented at the Center for Undergraduate Research (CURO) Symposium, University of Georgia, March 31-April 1, 2014, Athens, Georgia.

Honors Theses

1. *Reynolds, J. (2017). Neuroanatomical correlates of functional decline during normal aging: A retrospective, cross-sectional MRI investigation.

2. *Dickens, J.M. (2015). The interaction of cardiovascular disease risk, age, and cognitive impairment in predicting physical and functional ability in older adults.

Teaching Experiences

- 2018 *Guest Lecturer*, University of Georgia, Athens, Georgia
PSYC 3030: Careers in Psychology, Lecture: Selecting a Grad Program/Job
- 2017 *Instructor of Record*, University of Georgia, Athens, Georgia
PSYC 4140: Cognitive Neuroscience
Fall 2017 Enrollment = 28
- 2017 *Guest Lecturer*, University of Georgia, Athens, Georgia
PSYC 4140: Cognitive Neuroscience
Lectures: History of Cognitive Neuroscience, Structure and Function of the Nervous System
- 2015 *Teaching Assistant*, University of Georgia, Athens, Georgia
Instructor of Record: Trina Cyterski, Ph.D.
PSYC 3980: Research Design in Psychology
- 2015 *Guest Lecturer*, University of Georgia, Athens, Georgia
PSYC 3100: Introduction to Neuropsychology, Lecture: History of Neuropsychology
PSYC 3230: Abnormal Psychology, Lecture: Neurocognitive Disorders

Additional Training Experiences

- 2017 Screening, Brief Intervention, and Referral to Treatment (SBIRT) Training
University of Georgia, Athens, Georgia
Presenter: Justin Lavner, Ph.D.
- Training in SBIRT, an evidence-based practice used to identify, reduce, and prevent problematic use, abuse, and dependence on alcohol and illicit drugs.
 - Included online and in-person didactics, interactive role playing exercises, and online patient simulations.
- 2017 Psychopharmacology Workshop, University of Georgia, Athens, Georgia
Presenter: Perry W. Buffington, Ph.D., M.S.
- Education on psychoactive drugs to treat depression, anxiety, psychosis, pain, and neurocognitive disorders.
 - Learned about psychoactive drug mechanisms of action, side effects, interactions, diagnosis, and dosage.
- 2016 Seminar in Psychology: Clinical Supervision and Consultation, University of Georgia, Athens, Georgia
Instructor: Emily R. Mouilso, Ph.D.
- Planned and provided workshops to first year clinical psychology graduate students on topics such as therapy session planning and core elements of evidence-based practice.
 - Consulted with medical residency students to provide training on mental health topics, including mandated reporting requirements, risk assessment and safety planning, diagnosis, mental health treatment, and community referral options.

- Developed a comprehensive consultation report to provide to the University of Georgia Clinical Psychology faculty with recommendations for improving supervision of psychoeducational assessments in the Psychology Clinic, in line with current standards and best practices.
- 2015 – 2016 Psychology Clinic, University of Georgia, University of Georgia
Supervisor: Emily R. Mouilso, Ph.D.
- Monthly didactic training on theory and implantation of cognitive-behavioral, mindfulness, dialectical behavioral therapy, short-term psychodynamic therapy, and motivational interviewing techniques, as well as non-specific therapeutic factors and professional development skills.
- 2015 – 2016 Children’s Healthcare of Atlanta, Department of Neuropsychology, Atlanta, Georgia
Supervisors: David J. Marcus, Ph.D., ABPP-CN and Jaqueline Kiefel, Ph.D
- Weekly didactic training on neuropsychological testing, neuroimaging, neuropsychological correlates of medical, genetic, neurodevelopmental disorders, and traumatic brain injuries, and professional development skills.
- 2014 Psychology Clinic, University of Georgia, Athens, Georgia
Supervisor: Andrea M. Jones, Ph.D.
- Weekly didactic training on theory and implementation of cognitive-behavioral, mindfulness, and dialectical behavioral therapy techniques to address anxiety, depression, interpersonal conflicts, and trauma.

Professional Activities

Societal Affiliations

- International Neuropsychological Society (Student Member) 2016 – present
- National Academy of Neuropsychology (Student Member), 2013 – present
- American Psychological Association (Student Member), 2013 – present
- Alzheimer’s Association International Society to Advance Alzheimer’s Research and Treatment (ISTAART; Student Member), 2015 - 2016

Service to the Field

- Ad Hoc Reviewer – Aging, Neuropsychology, and Cognition
- Ad Hoc Reviewer – Archives of Clinical Neuropsychology
- Ad Hoc Reviewer – Current Psychology
- Ad Hoc Reviewer – Gerontology
- Ad Hoc Reviewer – Journal of the International Neuropsychological Society

Service to the Department of Psychology

- Member, Diversity Committee, Clinical Psychology, University of Georgia, 2016 – present
- Member, Interview Committee, Clinical Psychology, University of Georgia, 2013 – 2017
- Mentor Coordinator, UGA Psychology Mentoring Program, Department of Psychology, University of Georgia, 2014 – 2015
- Mentor, UGA Psychology Mentoring Program, Department of Psychology, University of Georgia, 2013 – 2015

Press

- Georgia Public Broadcasting, On Second Thought by Celeste Headlee & Trevor Young, December 6, 2016, The Link between Colorful Foods and Brain Health. <http://gpbnews.org/post/link-between-colorful-foods-and-brain-health>
- ScienceDaily, November 21, 2016, Plant Compounds May Boost Brain Function in Older Adults, Study Says. <https://www.sciencedaily.com/releases/2016/11/161121144613.htm>
- UGA Today, November 21, 2016, Plant Compounds May Boost Brain Function in Older Adults, Study Says. <http://news.uga.edu/releases/article/plant-compounds-brain-function-older-adults/>
- Medical Daily, November 22, 2015, New Cognitive Function Test May Be Able to Detect Early Signs of Alzheimer's. <http://www.medicaldaily.com/new-cognitive-function-test-may-be-able-to-detect-early-signs-alzheimers-362600>
- ScienceDaily, November 19, 2015, Visual Test to Quickly Check Brain Function Quality Developed by Scientists. <https://www.sciencedaily.com/releases/2015/11/151119112421.htm>
- UGA Today, November 18, 2015, UGA researchers develop visual test to quickly check brain function quality. <http://news.uga.edu/releases/article/visual-test-quickly-checks-brain-function-quality-1115/>