

Lisa M. Renzi-Hammond, Ph.D.
 Director, Institute of Gerontology
 Department of Health Promotion and Behavior
 College of Public Health; The University of Georgia
 102 Spear Road, Suite 135, Athens, GA 30602
 Tel: (706) 542-2252; e-mail: lrenzi@uga.edu

Academic History

Present rank: Associate Professor (August 2021) with tenure (August 2022); Director (August 2022)

Proportion time assignments: 9-month; 75% FTE: Instruction, 37.5%; Research, 33.8%; Service, 3.7%

Graduate Faculty status: Appointed to the Graduate Faculty August 01, 2017

Education:

Year	Degree	University
2003	BS, High Honors; Psychology	University of Georgia
2005	MS, Psychology; Neuroscience and Behavior	University of Georgia
2008	Ph.D., Psychology; Neuroscience and Behavior	University of Georgia

Academic positions, excluding graduate student teaching assistantships:

Year	Title	Department	University
2006	Visiting Scholar	Carotenoids in Health; USDA Human Nutrition Research Center on Aging	Tufts University
2008-2009	Postdoctoral Fellow	Institute for Neuroscience	University of Texas at Austin
2009-2010	Assistant Professor	School of Liberal Arts	Georgia Gwinnett College
2010-2016	Clinical Assistant Professor	Psychology	University of Georgia
2016-2017	Neuroscience Lecturer	Psychology	University of Georgia
2017-2020	Assistant Professor (tenure track)	Institute of Gerontology; Health Promotion and Behavior	University of Georgia
2018-present	Adjunct Assistant Professor	Behavioral and Brain Sciences Program; Department of Psychology	University of Georgia
2019-present	Faculty	Integrated Life Sciences; Division of Neuroscience; Office of Research	University of Georgia
2021-present	Associate Professor Co-Director, Cognitive Aging Research and Education (CARE) Center	Institute of Gerontology; Health Promotion and Behavior (tenure granted 08/2022)	University of Georgia
2022-present	Director, Institute of Gerontology Associate Professor Co-Director, Cognitive Aging Research and Education (CARE) Center	Institute of Gerontology; Health Promotion and Behavior	University of Georgia

Other professional employment, while part-time at UGA:

2012-2013	Medical Science Liaison, Southeast Region; Pediatric Research and Development; Abbott Nutrition; Columbus, OH
2013-2015	Manager, Adult Clinical Nutrition; Scientific and Medical Affairs; Global Research and Development; Abbott Nutrition; Columbus, OH

Instruction

Format	Course Number(s)	Title	Semesters Taught
Doctoral Level Research Courses			
Doctoral 1:1 research mentorship	HPRB 8000, 9000, 9005; GRNT 8000; BHSI 9000	Directed Study and Doctoral Research	All
Doctoral writing	HPRB 9300	Doctoral Dissertation Writing	All
In-person seminar	HPRB 8510	Research Methods I	Fall 2018 Fall 2019
In-person seminar	HPRB 8520	Research Methods II	Spring 2019
In-person seminar	HPRB 8990	Research Seminar	Spring 2019
Masters Level Research Courses			
MPH 1:1 research mentorship and seminar	HPRB 7000; 7005	Masters Research	All
MPH 1:1 research mentorship	PBHL 7800	Capstone Project in Public Health	All
MPH 1:1 mentorship	PBHL 7560	Internship in Public Health	All
Undergraduate Level Research Courses			
Undergraduate research in Public Health	HPRB, GRNT 4960-4990R; GLOB 4960	Mentored Research	All
Undergraduate research in other academic units	PSYC, BIOL, HONS, GRNT, HPRB 4000+	Mentored Research	All
Traditional Course Instruction, All Levels			
Online lecture	GRNT 8200e	Public Health and Aging	Spring 2018 Spring 2019
Online lecture	GRNT 7100e	Foundations of Aging	Fall 2018
Online lecture	GRNT 7400e	Cognition and the Aging Brain	Spring semesters
Online lecture	GRNT 3400e	Cognition and the Aging Brain	Fall and spring semesters
Online lecture	GRNT 7600e	Pharmacology, Health and Aging	Fall semesters

New courses entirely redesigned or developed at current rank:

Re-designed	Developed
HPRB 8510: Research Methods I	GRNT 7400e: Cognition and the Aging Brain

HPRB 8520: Research Methods II	GRNT 3400e: Cognition and the Aging Brain
GRNT 7100e: Foundations of Aging	GRNT 7600e: Pharmacy, Health and Aging
GRNT 8200e: Public Health and Aging	

Supervision of graduate student research:

Student Name	Degree Objective	Graduation Date	Current Placement	Role
Doctoral students				
Natalia Truczynski, PhD	Ph.D., Health Promotion	August 2019	Postdoctoral Fellow, UGA College of Public Health	Doctoral Advisory Committee
Jessica Shotwell, PhD	Ph.D., Health Promotion	May 2021	UGA College of Public Health	Major Professor
Anita Reina, MS, RD	Ph.D., Health Promotion	August 2022	UGA College of Public Health	Co-Major Professor (with Heather Padilla)
Kasey Smith, MPH	Ph.D., Health Promotion	August 2022	UGA College of Public Health	Co-Major Professor (with Jenay Beer)
Katherine Ingerson, RD, LD	Ph.D., Nutrition Science	May 2023	UGA College of Family and Consumer Sciences	Doctoral Advisory Committee
Bailey Collette, MPH	Ph.D., Health Promotion	May 2023	UGA College of Public Health	Doctoral Advisory Committee
Jade Dandurand	Ph.D., Clinical Psychology	May 2024	UGA Department of Psychology	Doctoral Advisory Committee
Jeffrey Nightingale	Ph.D., Psychology	May 2024	UGA Department of Psychology	Doctoral Advisory Committee
Jacob Harth	Ph.D., Neuroscience	May 2025	UGA Integrated Life Sciences, Division of Neuroscience	Major professor
Heidi Sarles-Whittlesey	Ph.D., Psychology	May 2025	UGA Department of Psychology	Doctoral Advisory Committee
Holly Fleischmann	Ph.D., Psychology	May 2026	UGA Department of Psychology	Doctoral Advisory Committee
Kassidy Hogan	Ph.D., Psychology	May 2027	UGA Department of Psychology	Doctoral Advisory Committee
Kathryn Chiang	Ph.D. Health Promotion and Behavior	May 2025	UGA College of Public Health	Major professor
Brooklyn Crabtree	Ph.D., Neuroscience	May 2025	UGA Integrated Life Sciences, Division of Neuroscience	Doctoral Advisory Committee
Thomas Prato	Ph.D., Kinesiology	May 2027	UGA Department of Kinesiology	Doctoral Advisory Committee
Colin Gardner	Ph.D., Psychology	May 2025	UGA Department of Psychology	Doctoral Advisory Committee
Jade Dandurand	Ph.D., Psychology	May 2026	UGA Department of Psychology	Doctoral Advisory Committee

Ashley Suker	DrPH, Health Policy	May 2026	UGA College of Public Health	Co-Major Professor (with Jenay Beer)
Fiona Douglas	DrPH, Health Policy	May 2026	UGA College of Public Health	Co-Major Professor (with Jenay Beer)
Hannah Huff	PhD, Health Promotion	May 2027	UGA College of Public Health	Co-Major Professor (with Jenay Beer)
MPH Capstone Supervision				
Taylor Kennedy, MSW, MPH	MSW; MPH, Gerontology	December 2018	Emory University Winship Cancer Institute	Capstone advisor
Kasey Smith, MPH	MPH, Gerontology	May 2019	Doctoral student, UGA College of Public Health	Capstone advisor
Brandon Dunlap, MPH	MPH, Health Promotion	August 2020	UGA College of Public Health	Capstone advisor
Thais Diaz, MPH	MPH, Health Promotion	May 2020	UGA College of Public Health	Capstone Advisor
Marquell Cole, MPH	MPH, Health Promotion	May 2022	UGA College of Public Health	Capstone Advisor
Madelyn Watkins, MPH	MPH, Health Policy and Management	August 2022	UGA College of Public Health	Research Capstone Advisor
Brandon Brown	MPH, Health Promotion	May 2023	UGA College of Public Health	Capstone Advisor
Ke'Von Hamilton	MPH, Health Promotion	May 2024	UGA College of Public Health	Capstone Advisor
Ciara Page	MPH, Health Promotion	May 2024	UGA College of Public Health	Capstone Advisor
Jada Moss	MPH, Health Promotion	May 2025	UGA College of Public Health	Capstone Advisor
Professional Degree Students				
Logan Hobus	MD, AU-UGA Medical Partnership	August 2022	AU-UGA Medical Partnership	Medical Scholars Program mentor
Daniel Chung	MD, AU-UGA Medical Partnership	August 2022	AU-UGA Medical Partnership	Medical Scholars Program mentor
Mary Thornsberry	MD, AU-UGA Medical Partnership	August 2023	AU-UGA Medical Partnership	Medical Scholars Program mentor
Rachel Gerald	MD, AU-UGA Medical Partnership	August 2023	AU-UGA Medical Partnership	Medical Scholars Program mentor
Julia Scher	MD, AU-UGA Medical Partnership	August 2024	AU-UGA Medical Partnership	Medical Scholars Program co-mentor, with Dr. Don Scott
Sarah Stay	MD, AU-UGA Medical Partnership	August 2026	AU-UGA Medical Partnership	Medical Scholars Program co-mentor, with Dr. Stephen Correia

Medical Residents				
Neha Naithani, MD	Piedmont Internal Medicine Residency	January 2020	Private Practice	Research Mentor
Tanya Reddy, MD	Piedmont Internal Medicine Residency	January 2020	Private Practice	Research Mentor
Oluwabukola Taiwo, MD	Piedmont Internal Medicine Residency	January 2021	Resident at Piedmont Athens-Regional Community Care Clinic	Research Mentor
Manisha Patel, MD	Piedmont Internal Medicine Residency	January 2021	Resident at Piedmont Athens-Regional Community Care Clinic	Research Mentor

Note, I have also developed a training program for medical residents in the St. Mary's Internal Medicine residency program, Geriatrics rotation. The program began in January 2019, and I train residents on a monthly basis.

Supervision in current rank of undergraduate student research:

via the CURO Program, or departmental research courses, e.g., BIOL 4960, PSYC 4800 and HPRB 4960

Student name	Degree/Degree program	Expected or actual graduation
Christine Kaba	BS, Psychology and Biology	May 2018
Neha Madangarli	BS, Psychology and Biology	May 2018
Abby Thomas	BS, Psychology and Biology	May 2018
Annie Stewart	BS, Psychology	December 2018
Anuhya Manne	BS, Health Promotion and Behavior	May 2021
Margaret Tew	BS, Health Promotion and Behavior	May 2019
Lydia Schultz	BS, Psychology and Biology	December 2018
Madeline Eason	BS, Health Promotion; MS, Gerontology	May 2020
Claire Anderson	BS, Biology and Health Promotion	May 2020
Kassidy Hogan	BS, Psychology	May 2021
Taylor Leathers	BS, Psychology and Biology	May 2021
Jimmy Pham	BS, Psychology and Biology	May 2021
Sarah Schultz	BS, Biology; BA, Music	May 2021
Nicholas Shaw	BS, Psychology and Biology	May 2021
Hannah Kim	BS, Cellular Biology and Health Promotion	May 2021
Darby Gainey	BS, Psychology	May 2021
Sanjana Darsipudi	BS, Biology	May 2021
Sheba Mathew	BS, Biology	May 2021
Alec Murphy	BS, Biology, Psychology	May 2021
Francis Kim	BS, Biology	May 2021
Hannah Huff	BS, Psychology	December 2021
Hannah Springfield	BS, Biology	May 2022
Srinidhi Vangala	BS, Biology	May 2022
Megan Harris	BS, Biology	May 2022
Jeremy Altman	BS, Biology	May 2022
Ann Britton	BS, Biology	May 2022

Ciara Page	BS, Psychology	May 2022
Brianna Putnam	BS, Psychology	May 2022
Annaleesa Rogers	BS, Biology, Psychology	August 2022
Grace McCorkle	BS, Biology, Psychology	May 2023
Rebecca Mai	BS, Biology	May 2023

Note, this list is limited to students taking research hours for credit. UGA students who earned credit prior to August 2017 have not been included, nor have those who volunteer in my laboratory.

Internship Supervision

MPH Internship Supervision				
Brandon Dunlap	MPH, Health Promotion	August 2020	Site: Nuçi's Space	Academic supervisor
Thais Diaz	MPH, Health Promotion	May 2020	Site: UGA Food Services	Academic supervisor
Marquell Cole	MPH, Health Promotion	August 2021 (projected)	Site: Gwinnett Medical Center	Academic supervisor
Brandon Brown	MPH, Health Promotion	May 2023 (projected)	Not yet determined	Academic supervisor
Anvitha Kaguturu	UGA College of Public Health	May 2023	UGA College of Public Health	Applied Professional Experience Supervisor
Gabrielle Grasso	UGA College of Public Health	May 2023	UGA College of Public Health	Applied Professional Experience Supervisor
Olivia McWhorter	UGA College of Public Health	August 2023	UGA College of Public Health	Applied Professional Experience Supervisor

Recognition and Outstanding Achievements

- Received Charles L. Darby award from the UGA Psychology faculty for outstanding teaching (2008).
- Received the Outstanding Mentor award from the UGA Psychology graduate students (2016).
- Each year of full-time employment, beginning in 2015, I have been named by a graduating senior in the UGA Career Center Career Outcomes Survey as an influential professor.
- Student Organization Achievement and Recognition (SOAR) Award (2020)
- Team Impact Award, 2022-2023; University of Georgia Office of the Vice President for Research

Professional Development in Instruction

- Completed Sexual Assault Response Team (SART) Training at UGA Training and Development Center for instructional faculty
- Participated in a Faculty Learning Community on Evidence-Based Practices in teaching

Faculty Mentorship

- Served as a faculty mentor for Dr. Ankita Garg (Immunology and Infectious Disease; UGA) in the NIH STAHR program (Cohort 4)
- Served as a faculty mentor for Dr. Suhang Song (Health Policy and Management; UGA) in the Georgia Clinical and Translational Science Alliance TEAMS Program (2023-2024)

Scholarly Activities

Publications: * indicates an invited submission. † indicates a book chapter. After 2008, student co-authors are underlined.

Note: In my field, first authorship denotes study oversight and primary responsibility for drafting the manuscript. The last author position is the senior authorship position, usually designated for the study PI.

Peer-Reviewed Publications:

1. Wooten, B.R., Hammond, B.R., & **Renzi, L.M.** (2007). Using scotopic and photopic flicker to measure lens optical density, *Ophthalmic and Physiological Optics*, 27, 321-328.
2. * **Renzi, L.M.** & Johnson, E.J. (2007). Lutein and eye-related disorders in the older adult: a review. *Journal of Nutrition for the Elderly*, 26, 139-157.
3. *† Hammond, B.R., & **Renzi, L.M.** (2008). The Characteristics and function of lutein and zeaxanthin within the human retina. In: Meskin, M.S., Bidlack, W.R., & Randolph, R.K. (Eds). *Phytochemicals: Aging and Health*, CRC Press.
4. **Renzi, L.M.**, Hammond, B.R. (2010). The relation between the macular carotenoids, lutein and zeaxanthin, and temporal vision. *Ophthalmic and Physiologic Optics*, 30(4), 351-357.
5. Wooten, B.R., **Renzi, L.M.**, Moore, R., & Hammond, B.R. (2010). A practical method of measuring the human temporal contrast sensitivity function. *Biomedical Optics Express*, 1(1), 47-58.
6. **Renzi, L.M.**, Hammond, B.R. (2010). The effect of macular pigment on contrast thresholds. *Experimental Eye Research*, 91(6), 896-900.
7. Hammond, B.R., **Renzi, L.M.**, Sachak, S., Brint, S.F. (2010). A contralateral comparison of blue-filtering and non-blue-filtering intraocular lenses: glare disability, heterochromatic contrast threshold, and photostress recovery. *Clinical Ophthalmology*, 4, 1465-1473.
8. **Renzi, L.M.**, Hammond, B.R., Dengler, M., Roberts, R. (2012). Relations between serum lipids, serum carotenoids and macular pigment optical density. *Lipids in Health and Disease*, 11(33), 1-10.
9. **Renzi, L.M.**, Bovier, E., & Hammond, B.R. (2013). A role for the macular carotenoids in visual motor response. *Nutritional Neuroscience*, 16(6), 262-8.
10. *Hammond, B.R., **Renzi, L.M.** (2013). Carotenoids. *Advances in Nutrition*, 4, 474-476.
11. **Renzi, L.M.**, Dengler, M.J., Puente, A., Miller, L.S., Hammond, B.R. (2014). Relations between macular pigment optical density and cognitive function in unimpaired and mildly cognitively impaired older adults. *Neurobiology of Aging*, 35(7), 1695-1699
12. Vishwanathan, R., Iaccagnone, A., Scott, T.M., Krtichevsky, S.B., Jennings, B.J., Carboni, G., Forma, G., Satterfield, S., Harris, T., Johnson, K.C., Schalch, W., **Renzi, L.M.**, Rosano, C., & Johnson, E.J. (2014). Macular pigment optical density is related to cognitive function in older people. *Age and Ageing*, 43(2), 271-275.
13. Sherry, C.L.; Oliver, J.S.; **Renzi, L.M.**; Marriage, B.J. (2014). Lutein supplementation increases breast milk and plasma lutein concentrations in lactating women and in infant plasma concentrations but does not affect other carotenoids. *J Nutr*, 144(8), 1256-63.
14. Bovier, E.R.; **Renzi, L.M.**; Hammond, B.R. (2014). A double-blind, placebo controlled study of the effects of lutein and zeaxanthin on neural processing speed and efficiency. *PLoS ONE*, 9(9), e108178.
15. Mewborn, C.; **Renzi, L.M.**; Hammond, B.R.; Miller, L.S. (2015). Critical flicker fusion moderates the relationship between age and executive function in younger and older adults. *Archives of Clinical Neuropsychology*, 30(7), 605-10.
16. *McCorkle, S.M.; Raine, L.B.; Hammond, B.R.; **Renzi-Hammond, L.M.**; Hillman, C.H.; Khan, N.A. (2015). Reliability of heterochromatic flicker photometry in measuring macular pigment optical density among preadolescent children. *Foods*, 4(4), 594-604.
17. Hammond, B.R.; **Renzi-Hammond, L.M.** (2016). A critical look at the ancillary Age-Related Eye Disease Study (AREDS 2): Nutrition and cognitive function results in older adults with Age-Related Macular Degeneration (AMD). *Advances in Nutrition*, 7(3), 433-437.
18. **Renzi-Hammond, L.M.**, Hammond, B.R. (2016). The effects of photochromic lenses on visual performance. *Clinical and Experimental Optometry*, 99(6), 568-574.
19. Lindbergh, C.A., Mewborn, C.A., 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 of older adults. *Journal of the International Psychological Society*, 23(1), 11-22.
20. Walk, A.M., Edwards, C.G., Baumgartner, N.W., Curran, M.R., Covello, A.R., Reeser, G.E., Hammond, B.R., **Renzi-Hammond, L.M.**, Khan, N.A. (2017). The Role of Retinal Carotenoids and

- Age on Neuroelectric Indices of Attentional Control Among Early to Middle-aged Adults. *Frontiers in Aging Neuroscience*, 9, No. 183.
21. Walk, A., Khan, N., McCorkle, S., Raine, L., Kramer, A., Cohen, N., Moulton, C., **Renzi-Hammond, L.M.**, Hammond, B.R., Hillman, C. (2017). From neuro-pigments to neural efficiency: The relationship between retinal carotenoids and behavioral and neuroelectric indices of cognitive control in childhood. *International Journal of Psychophysiology*, 118, 1-8.
 22. Barnett, S., Khan, N.A., Walk, A.M., Raine, L.B., Moulton, C., Cohen, N.J., Kramer, A.F., Hammond, B.R., **Renzi-Hammond, L.M.**, Hillman, C.H. (2017). Macular pigment optical density is positively associated with academic performance among preadolescent children. *Nutritional Neuroscience*, 21(9), 632-640.
 23. Hassevoort, K.M., Khazoum, S.E., Walker, J.A., McCorkle, S., Raine, L.B., Hammond, B.R., **Renzi-Hammond, L.M.**, Kramer, A.F., Khan, N.A., Hillman, C.H., Cohen, N.J. (2017). Macular lutein, aerobic fitness, and central adiposity are differently associated with hippocampal-dependent memory in preadolescent children. *Journal of Pediatrics*, 183, 108-114.
 24. Hammond, B.R., Miller, L.S., Bello, M.O., Lindbergh, C.A., Mewborn, C.M., **Renzi-Hammond, L.M.** (2017). Effects of a lutein / zeaxanthin supplementation on the cognitive function of community dwelling older adults: a randomized, double-masked, placebo-controlled trial. *Frontiers in Aging Neuroscience*, August 3, 9(254).
 25. Lindbergh, C.A., Renzi-Hammond, L.M., Hammond, B.R., Terry, D.P., Mewborn, C.M., Puente, A.N., Miller, L.S. (2017). Lutein and zeaxanthin influence brain function in older adults: A randomized controlled trial. *Journal of the International Neuropsychological Society*, 23, 1-14.
 26. ***Renzi-Hammond, L.**, Bovier, E., Fletcher, L., Miller, L., Mewborn, C., Lindbergh, C. Baxter, J., Hammond, B. (2017). Effects of a lutein/zeaxanthin intervention on cognitive function: a randomized, double-masked, placebo-controlled trial of younger healthy adults. *Nutrients*, 9(11), 1246.
 27. Mewborn, C. M., Terry, D. P., Renzi-Hammond, L. M., Hammond, B. R., & Miller, L. S. (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*, 33(7), 861-874.
 28. *Saint, S. E., **Renzi-Hammond, L. M.**, Khan, N. A., Hillman, C. H., Frick, J. E., & Hammond, B. R. (2018). The macular carotenoids are associated with cognitive function in preadolescent children. *Nutrients*, 10(2), 193.
 29. Mewborn, C. M., Lindbergh, C. A., Robinson, T. L., Gogniat, M. A., Terry, D. P., Jean, K. R., Hammond, B.R., **Hammond, L.M.** & Miller, L. S. (2018). Lutein and zeaxanthin are positively associated with visual-spatial functioning in older adults: an fMRI study. *Nutrients*, 10(4), 458.
 30. Hammond Jr, B. R., & **Renzi-Hammond, L.** (2018). Individual variation in the transmission of UVB radiation in the young adult eye. *PloS one*, 13(7), e0199940
 31. Lindbergh, C.A., Zhao, Y.B.E.; Lu, J., Mewborn, C.M., Puente, A.N., Terry, D.P., Renzi-Hammond, L.M., Hammond, B.R., Liu, T., Miller, L.S. (2019). Intelligence moderates the relation between age and inter-connectivity of resting state networks in older adults. *Neurobiology of Aging*, 78, 121-129.
 32. *Oliver, W., Renzi-Hammond, L. M., Ceravolo, S.A., Clementz, B., Miller, L. S., & Hammond Jr, B. R. (2019). Neural activation during visual attention differs in individuals with high versus low macular pigment density. *Molecular Nutrition & Food Research*, 1801052.
 33. *Ceravolo, S. A., Hammond, B. R., Oliver, W., Clementz, B., Miller, L. S., & **Renzi-Hammond, L. M.** (2019). Dietary Carotenoids Lutein and Zeaxanthin Change Brain Activation in Older Adult Participants: A Randomized, Double-Masked, Placebo-Controlled Trial. *Molecular Nutrition & Food Research*, 1801051.
 34. Edwards, C., Cannavale, C., Flemming, I., Iwinski, S., Walk, A., Renzi-Hammond, L.M., Khan, N. (2019). Skin and macular carotenoids and their implications for cognitive control in children. *Current Developments in Nutrition*, 3(Supplement 1); OR05-18-19.
 35. Mewborn, C., Lindbergh, C.A., Hammond, B.R., **Renzi-Hammond, L.M.**, Miller, L.S. (2019). The effects of lutein and zeaxanthin supplementation on brain morphology in older adults: a randomized, controlled trial. *Journal of Aging Research*, in press.

36. Saint, S., Hammond, B., Khan, N., Hillman, C., **Renzi-Hammond, L.** (2019) Temporal vision is related to cognitive function in preadolescent children. *Applied Neuropsychology: Child.*, in press.
37. Lindbergh, C.A., Lv, J., Zhao, Y., Mewborn, C.M., Puente, A.N., Terry, D.P., **Renzi-Hammond, L.M.**, Hammond, B.R., Miller, L.M. (2020). The effects of lutein and zeaxanthin on resting state functional connectivity in older Caucasian adults: a randomized controlled trial. *Brain Imaging and Behavior*, 14(3), 668-681.
38. Hammond, B.R., Buch, J., Hacker, L., Cannon, J., Toubouti, Y., **Renzi-Hammond, L.M.** (2020). The effects of light scatter when using a photochromic vs. non-photochromic contact lens. *Journal of Optometry*, in press.
39. Hammond, B.R., Buch, J., Sonoda, L., **Renzi-Hammond, L.M.** (2020). The effects of a senofilcon A contact lens with and without a photochromic additive on positive dysphotopsia across age. *Eye and Contact Lens: Science and Clinical Practice*, in press.
40. **Renzi-Hammond, L.M.**, Buch, JR, Hacker, L, Cannon, J, Hammond, B.R. (2020). The effects of a photochromic contact lens on visual function indoors: a randomized, controlled trial. *Optometry and Vision Science*, 97(7), 526-30.
41. **Renzi-Hammond, L.M.**, Buch, J., Cannon, J., Hacker, L., Toubouti, Y., Hammond, B.R. (2020). A contra-lateral comparison of the visual effects of a photochromic vs. non-photochromic contact lens. *Contact Lens and Anterior Eye*, 43(3), 250-255.
42. Liu R, Edwards CG, Cannavale CN, Flemming IR, Chojnacki MR, Reeser GE, Iwinski SJ, **Renzi-Hammond LM**, Khan NA. (2021) Weight Status and Visceral Adiposity Mediate the Relation between Exclusive Breastfeeding Duration and Skin Carotenoids in Later Childhood. *Current Developments in Nutrition*, 5(3):epub.
43. Liu R, Hannon BA, Robinson KN, Raine LB, Hammond BR, **Renzi-Hammond LM**, Cohen NJ, Kramer AF, Hillman CH, Teran-Garcia M, Khan, NA. (2021). Single nucleotide polymorphisms in CD36 are associated with macular pigment among children. *J Nutr*, in press.
44. Hammond, B.R., Wooten, B.R., Saint, S., **Renzi-Hammond, L.M.** (2021). The effects of a blue-light filtering (BLF) vs clear intraocular implant (IOL) on color appearance. *Translational Vision Science and Technology*,10(12), 25-.
45. **Renzi-Hammond LM**, Hammond Jr BR. (2022) Blue-light filtering intraocular implants and darker irises reduce the behavioral effects of higher-order ocular aberrations. *Current Eye Research*. Feb 18(accepted in 2021):1-21.
46. Hammond BR, **Renzi-Hammond, LM.** (2022). The influence of the macular carotenoids on women's eye and brain health. *Nutritional Neuroscience*, 1-7.
47. **Renzi-Hammond LM**, Buch J., Xu J., Hammond BR. (2022). Reduction of glare discomfort and photostress recovery time through the use of a high-energy visible-filtering contact lens. *Eye & Contact Lens: Science & Clinical Practice: September 7, 2022 - Volume - Issue - 10.1097/ICL.0000000000000935* doi: 10.1097/ICL.0000000000000935
48. Cannavale, C. N., Keye, S. A., Rosok, L., Martell, S., Holthaus, T. A., Reeser, G., Raine, L.B., Mulle, S.P., Cohen, N.J., Hillman, C.H., Hammond, B.R., **Renzi-Hammond, L.M.**, & Khan, N. A. (2022). Enhancing children's cognitive function and achievement through carotenoid consumption: The Integrated Childhood Ocular Nutrition Study (iCONS) protocol. *Contemporary Clinical Trials*, 122, 106964.
49. **Renzi-Hammond, L. M.**, Buch, J., Xu, J., & Hammond, B. R. (2022). The Influence of HEV-Filtering Contact Lenses on Behavioral Indices of Glare. *Eye & Contact Lens: Science & Clinical Practice*, 48(12), 509-515.
50. Hammond, B. R., Buch, J., **Renzi-Hammond, L. M.**, Bosten, J. M., & Nankivil, D. (2023). The effect of a short-wave filtering contact lens on color appearance. *Journal of Vision*, 23(1), 2-2.
51. Hammond, B. R., Gardner, C. R., & **Renzi-Hammond, L.** (2023). The Effects of Blue-Light Filtering Intraocular Implants on Glare Geometry. *Current Eye Research*, 1-6.

52. Cannavale CN, Edwards CG, Liu R, Keye SA, Iwinski SJ, Holscher HD, **Renzi-Hammond L**, Khan NA. (2023). Macular pigment is inversely related to circulating C-reactive protein concentrations in school-aged children. *Nutrition Research*. Mar 23.
53. Hammond Jr, B. R., Leathers, T. A., Wooten, B. R., & **Renzi-Hammond, L. M.** (2023). Contrast sensitivity functions measured using simple optics and computer testing. *Ophthalmic and Physiological Optics*.
54. Harth, J. B., **Renzi-Hammond, L. M.**, & Hammond Jr, B. R. (2023). A Dietary Strategy for Optimizing the Visual Range of Athletes. *Exercise and Sport Sciences Reviews*.
55. Cannavale CN, Keye SA, Rosok LM, Martell SG, Holthaus TA, Raine LR, Mullen SP, Holscher HD, Hillman CH Kramer AF, Cohen NJ, Hammond BR, **Renzi-Hammond LM**, Khan, NA. (2023). Macular Pigment Optical Density and Skin Carotenoids in a Childhood Sample. *The Journal of Nutrition*.

Technical Reports, Editorials:

1. **Renzi, L. M.**, Engles, M. P., Guthrie, A. H. & Hammond, B. R. (2003) Response to the Vision Health Debate. *AgroFood Industry HiTech*, 14 (3), 6-9.
2. Engles, M. P., & **Renzi, L. M.** (2004). Response to the Vision Health Debate. *AgroFood Industry HiTech*, 16(3), 9-10.
3. ***Renzi, L.M.**, Hammond, B.R. (2009). The influence of dietary pigments lutein and zeaxanthin on human visual function. *World of Food Ingredients*, 12, 61-63.
4. * **Renzi, L.M.**, Hammond, B.R. (2010). Nutrition as a mediator of vision health across the lifespan. *Sight and Life*, 3, 2-11.
5. **Renzi-Hammond, L.M.**, Miller, L.S., Hammond, B.R. (2016). Response to: Effect of omega-3 fatty acids, lutein / zeaxanthin, or other nutrient supplementation on cognitive function: The AREDS2 randomized clinical trial. *JAMA*, 315(5), 516.
6. ***Renzi-Hammond, L.M.**, Karpecki, P., Sherman, J., Beatty, S. (2016). Transforming eye health through proved ocular nutrition strategies. *Review of Optometry*, special supplement, 15 Feb.
7. ***Renzi-Hammond, L.M.** (2017). Nutrition and Processing Speed. *Pediatric Nutrition Advocate*, <https://static1.squarespace.com/static/586517308419c2577561e2ce/t/58c302cb37c581a0d280b6d0/1489175244655/Nutrition-and-Processing-Speed.pdf>
8. ***Renzi-Hammond, L.M.**, Johnson, E., Richer, S. (2018). Carotenoids: essential to the eyes, and more. In *Wellness Essentials for Clinical Practice*; special supplement in *Review of Optometry*. <https://www.reviewofoptometry.com/CMSDocuments/2018/09/ns0918i.pdf>
9. *Hammond, B.R., **Renzi-Hammond, L.M.**, Buch, J., Nankivil, D. (2018). Measuring total visual experience. *Contact Lens Spectrum*, December 2018 issue. <https://www.clspectrum.com/issues/2018/december-2018>
10. Hammond, B.R., **Renzi-Hammond, L.M.**, Buch, J. (2018). Key measures of visual performance. *Contact Lens Spectrum*, December 2018 issue.
11. Hammond, B. R., & **Renzi-Hammond, L.** (2022). Comment on: The Blue Light Hazard Versus Blue Light Hype. *AMERICAN JOURNAL OF OPHTHALMOLOGY*, 241, 282-283. doi:10.1016/j.ajo.2022.03.032

Selected Published Abstracts and Proceedings:

1. **Renzi, L.M.**, & Hammond, B.R. (2005). The relation between macular pigment and serum triglyceride levels. *ARVO Abstracts. Investigative Ophthalmology and Vision Science*.
2. **Renzi, L.M.**, Wenzel, A.J., Hammond, B.R., & Curran-Celentano J. (2006). Statin use and macular pigment optical density: a case-control study. *ARVO Abstracts. Invest Ophthalmol and Vis Sci*.
3. **Renzi, L.M.**, Iannaccone, A., Gallaher, K.T., Satterfield, S., Kenyon, E., Harris, T., Johnson, K.C., Kritchevsky, S.B., Schalch, W., Johnson, E.J. (2007). Relationships among macular pigment optical density (MPOD), serum lutein (L), zeaxanthin (Z), and n3 fatty acids (FAs). *ARVO Abstracts. Investigative Ophthalmology and Vision Science*.

4. **Renzi, L.M.**, Hammond, B.R., Wooten, B.R. (2008). The effects of macular pigment on temporal vision. *ARVO Abstracts, Investigative Ophthalmology and Vision Science*.
5. **Renzi, L.M.**, Hammond, B.R., Wooten, B.R. (2008). Age-related changes in the temporal modulation transfer function, assessed foveally and parafoveally. *Journal of Vision*, 8(17), Abstract 76, 76-a.
6. **Renzi, L.M.**, Snodderly, D.M., Hammond, B.R. (2009). Reduction of surround suppression and enhancement of discriminability by macular pigment. *ARVO Abstracts. Investigative Ophthalmology and Visual Science*.
7. Dengler, M.J., Fletcher, L.M., Stringham, J.M., **Renzi, L.M.**, Schalch, W., Hammond, B.R. (2010). Macular pigment is related to reduced glare disability, improved photostress recovery, and contrast enhancement. *ARVO Abstracts. Investigative Ophthalmology and Visual Science*.
8. Crast, J.L., **Renzi, L.M.**, Jorgensen, M., Grand, A., Finnie, K., Sousa, J., Kaplan, J.R., Jentsch, J.D. (2011). Serum lipid levels influence cognitive performance in older vervet monkeys (*Chlorocebus aethiops sabaeus*) on a long-term, stable diet. *Experimental Biology Abstracts, FASEB J*.
9. Bovier, E.R., O'Brien, K.J., Fletcher, L.M., Gierhart, D.L., **Renzi, L.M.** (2011). Macular pigment: relations to fixed and variable reaction time and coincidence anticipation across the lifespan. *ARVO Abstracts. Investigative Ophthalmology and Visual Science*.
10. Bovier, E.R., O'Brien, K.J., Ross, S., & **Renzi, L.M.** (2011). Static and dynamic measures of visual performance in athletes. *Journal of Vision*, 11(15), 27.
11. Dengler, M.J., Thorne, S.A., Puente, A.N., Watts, A., Hammond, B.R., Miller, L.S., & **Renzi, L.M.** (2011). Measuring the temporal contrast sensitivity function and macular pigment optical density in older adults with and without cognitive impairment. *Journal of Vision*, 11(15), 35.
12. **Renzi, L.M.** (2012). The relationship between retinal carotenoids and cognitive function in healthy and cognitively impaired elders. *Experimental Biology Abstracts, FASEB J*.
13. Dengler, M.J., Puente, A.N., Bovier, E.R., Miller, L.S., Hammond, B.R., & **Renzi, L.M.** (2012). The relationship between macular pigment and visuomotor function. *ARVO Abstracts. Investigative Ophthalmology and Visual Science*.
14. Bovier, E.R., Fletcher, L.M., Thorne, S.A., Hammond, B.R., & **Renzi, L.M.** (2013). Critical flicker fusion (CFF) thresholds: relations to neurocognitive function. *European Journal of Ophthalmology*.
15. Terry, D., Duda, B., Mewborn, C., Lindbergh, C., Bovier, E., Shon, D., Puente, A., Chu, K., Washington, T., Stapley, L., Hammond, B.R., **Renzi, L.M.**, Miller, L.S. (2014). Brain activity associated with verbal learning and recall in older adults and its relationship to lutein and zeaxanthin concentrations. *Archives of Clinical Neuropsychology*, 29(6), 505-6.
16. Mewborn, C., Duda, B., Lindbergh, C., Terry, D., Puente, A., Bovier, E.R., Shon, D., Chu, K., Washington, T., Stapley, L., Hammond, B.R., **Renzi, L.M.**, Miller, L.S. (2014). Processing speed and critical flicker fusion as mediators of age and cognition. *Arch of Clinical Neuropsychol*, 29(6), 506-7.
17. Terry, D., Lindbergh, C., Duda, B., Mewborn, C., Shon, D., Bovier, E.R., Puente, A., Stapley, L., Chu, K., Washington, T., **Renzi, L.M.**, Hammond, B.R., Miller, L.S. (2014). An fMRI investigation of visual judgment in older adults and its relationship with a measure of lutein and zeaxanthin. *Archives of Clinical Neuropsychology*, 29(6), 505-6.
18. Thorne, S.; Cromer, D.; Kim, H.; Middlebrooks, K.; Paige, M.; Kennedy, R.; **Renzi, L.**; Hammond, B.R. (2015). The influence of piano training on verbal memory in healthy older adults. *J of ISQRMM*
19. **Renzi, L.M.** (2015). Challenges in evaluating the role of xanthophylls in cognition across multiple levels of analysis. *Eur. J. Ophthalmol*, e-70.
20. Thorne, S.A.; Oliver, W.T.; Hammond, B.R.; Clementz, B.A.; Miller, L.S.; **Renzi, L.M.** (2015). CNS xanthophyll status and non-specific brain activation in younger and older adults. *Eur. J. Ophthalmol*, poster abstract MC022, e-64.
21. Oliver, W.T.; Thorne, S.A.; Clementz, B.A.; **Renzi, L.M.**; Hammond, B.R. (2015). Neural activation during visual attention differs in elders with high macular pigment density. *Eur. J. Ophthalmol*, poster abstract MC025, e-65.

22. Walk, A., Raine, L.; Moulton, C.; Kuchan, M.; Cohen, N.; Kramer, A.; Hammond, B.; **Renzi-Hammond, L.**; Hillman, C.; Khan, N. (2016). MON-LB278: Macular carotenoids are positively related to academic achievement in pre-adolescent children. *Clinical Nutrition*, 35(Supp 1), S255-6.
23. Walk, A., Khan, N.A., McCorkle, S., Drollette, E.S., Raine, L.B., Kramer, A.F., Cohen, N.J., **Renzi, L.**, Hammond, B., Hillman, C. (2016). The role of macular pigment optical density in children's attentional control and academic achievement. *Psychophysiology*, 53:S89.
24. Lindbergh, C.; Lv, J.; Zhao, Y.; Mewborn, C.; Puente, A.; Terry, D.; **Renzi-Hammond, L.M.**; Hammond, B.; Liu, T.; Miller, L.X. (2017). Cognitive reserve moderates the positive relation between older ages and inter-connectivity of resting state networks. *Arch Neuropsychol*, 32(6), 656.
25. Miller, L., Lindbergh, C., Terry, D., Mewborn, C., **Renzi-Hammond, L.**, Hammond, B. (2017). Lutein supplementation improves neurocognitive function in older adults as measured using functional magnetic resonance imaging: A randomized controlled trial. *Arch Clin Neuropsych*, 574, 1.
26. **Renzi-Hammond, L.**, Saint, S., Shotwell, J., & Hammond Jr, B. R. (2018). Understanding the role of nutrition in lifespan brain development. *Journal of Alzheimer's Disease*, 64(3), 1043-4.
27. Hammond, B. R., & **Renzi-Hammond, L.** (2018). Macular pigment does not screen the retina from ultraviolet B radiation. *Journal of Alzheimer's Disease*, 64(3),1021-1021.
28. Shotwell, J., Dunlap B., Mungenast, J., **Renzi-Hammond, L.** (2018). Health literacy and patient autonomy: Does age matter? *Innovation in Aging*, 2(Suppl 1), 307.
29. Liu, R., Hannon, B., Robinson, K., Raine, L., Hammond, B., **Renzi-Hammond, L.**, ... & Khan, N. (2019). Single Nucleotide Polymorphisms in BCO1 and CD36 Are Related to Macular Pigment Among Children (OR05-04-19)
30. Edwards, C., Cannavale, C., Flemming, I., Iwinski, S., Walk, A., **Renzi-Hammond, L.**, & Khan, N. (2019). Skin and Macular Carotenoids and Their Implications for Cognitive Control and Achievement in Children (OR05-08-19).
31. Mois, G., Collette, B., **Renzi-Hammond, L.M.**, Boccanfuso, L., Ramachandran, A., Gibson, P., Emerson, K., Beer, J.M. (2019). Attitudes and preferences for robot-led piano cognitive training: Feasibility in mild cognitive impairment. *Innov Aging*, 3(Suppl 1): S946.
32. Shotwell, J., Smith, K., Naithani, N., Reddy, T., Murrow, L., Sailors, D., Tally, W., **Renzi-Hammond, L.M.** (2019). Communication breakdown: relations between health literacy and shared decision making across the lifespan. In *APHA's 2019 Annual Meeting and Expo (Nov. 2-Nov. 6)*. American Public Health Association.
33. Collette, B.A., **Renzi-Hammond, L.M.**, Hammond, B.R., Miller, L.S. (2019). Macular pigment and emotional wellbeing in community-dwelling older adults. In *APHA's 2019 Annual Meeting and Expo (Nov. 2 – Nov. 6)*. American Public Health Association.
34. Cannon, J., Hammond, B., **Renzi-Hammond, L.**, Buch, J., & Toubouti, Y. (2019). A contralateral comparison of the effects of light scatter when using an activated photochromic vs. clear contact lens. *Contact Lens and Anterior Eye*, 42(6), e2.
35. Hammond, B., **Renzi-Hammond, L.**, Buch, J., Cannon, J., & Toubouti, Y. (2019). Comparing the visual effects of a photochromic contact lens under simulated outdoor vs indoor conditions. *Contact Lens and Anterior Eye*, 42(6), e10.
36. **Renzi-Hammond, L.**, Hammond, B., Buch, J., Cannon, J., & Toubouti, Y. (2019). The effects of a photochromic contact lens on glare geometry when tested indoors. *CLAE*, 42(6), e34-e35.
37. Ingerson, K., McDaniel, M., **Renzi-Hammond, L.M.**, Padilla, H., Thapa, J., Berg, A., Cox, G. (2020). The “healthy” dining hall: how does student perception influence eating behaviors and perceived healthiness of college dining halls? *Journal of Nutr Education and Behavior*, 52(7), S47.
38. Mois, G., Collette, B.A., **Renzi-Hammond, L.M.**, Boccanfuso, LM, Ramachandran, A., Gibson, P., Emerson, K., Beer, J.M. (2020). Understanding robots' potential to facilitate piano cognitive training in older adults with mild cognitive impairment. *HRI 2020: Companion of the 2020 ACM/IEEE International Conference on Human-Robot Interaction*

39. Mois G., Collette B., Renzi-Hammond, L. M., Boccanfuso, L., Ramachandran, A., Gibson, P., Emerson, K. G., & Beer, J. M. (2021, January). Utilizing a Socially Assistive Robot to Increase Access to Cognitive Training Resources. Society for Social Work and Research Annual Conference.
40. Collette B, Mois G, Beer JM, Boccanfuso L, Ramachadran A, Gibson P, Emerson KG, Renzi-Hammond LM. Robot-Led Piano Lessons May Improve Cognitive Function: A Feasibility Study in a Sample with Mild Cognitive Impairment. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting 2021 Sep (Vol. 65, No. 1, pp. 21-25). Sage CA: Los Angeles, CA: SAGE Publications.
41. Collette B, Shotwell J, Shepherd A, Shepherd K, Renzi-Hammond LM, Beer JM. Developing an Integrated Virtual Assistant (IVA): Feasibility of a Behavior Tracking and Reminder Prototype Solution to Assist Persons with Dementia and Their Care Partners. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting 2021 Sep (Vol. 65, No. 1, pp. 16-20). Sage CA: Los Angeles, CA: SAGE Publications.
42. Reina, A.M., Beer, J.M., Renzi-Hammond, L.M., Rogers, A.I., Harris, M.K., Datta, A., Padilla, H.M. (2022, November). Developing and implementing the Mind Your Heart Workplace Wellness Program: a novel online mindful nutrition education program for full-time working adults. Oral Presentation in APHA's 2019 Annual Meeting and Expo (Nov. 6-9). American Public Health Association. <https://apha2022sessions.hubb.me/SessionDetail.aspx?id=945428>
43. Nightingale, J., Harth, J.B., Gardner, C., Leathers, T., Rogers, A., Hammond, B.R., & Renzi-Hammond, L.M. (2022, November 6). Measuring ocular health and diet quality in diverse populations, in community settings [Poster presentation]. American Public Health Association 2022 Annual Meeting and Expo, Boston, MA.
44. Reina, A.M., Padilla, H.M., Beer, J.M., Zhang, D., Renzi-Hammond, L.M. (2023, April). Mindful eating improves diet quality: Findings from the Mind Your Heart study. Poster presentation in the Society of Behavioral Medicine's 2023 Annual Meeting (April 26-29). Society of Behavioral Medicine.
45. Gardner, C.R., Reina, A.M., Rogers, A.I., Harris, M.K., Hammond, Jr., B.R., Renzi-Hammond, L.M. The relation between obesity and critical flicker fusion frequency, a biomarker of cognitive health, in middle age. Poster presentation at the Society of Behavioral Medicine's 2023 Annual Meeting (April 26-29). Society of Behavioral Medicine.
46. Gardner, C.R., Reina, A.M., Rogers, A.I., Harris, M.K., Hammond, Jr., B.R., Renzi-Hammond, L.M. The relation between nutrition, retinal health, and vascular health in a population of full-time working adults engaging in a DASH diet intervention. Poster presentation at the Society of Behavioral Medicine's 2023 Annual Meeting (April 26-29). Society of Behavioral Medicine.
47. Kaguturu, A., Huff, H. N., Grasso, G., Correia, S., Scott, D. W., Renzi-Hammond, L. M., & Beer, J. M. (2023, November). Development of physician focus group questions to understand barriers to dementia diagnosis in various rural counties in Georgia. In APHA 2023 Annual Meeting and Expo. APHA.
48. Rogers A, Scott D, Saint Hamilton S, Lavender D, Reina A, Beer J, Renzi-Hammond L, Correia S. Lessons learned: Development of a memory education and assessment clinic in an academic public health. In APHA 2023 Annual Meeting and Expo 2023 Nov 12. APHA.
49. Burton L, Keber C, Huff H, Wysocky C, Hasty B, Rogers A, Page C, Renzi-Hammond L, Cruse-Sanders J, Beer J. Meet me at the gardens—lessons learned from a public health-botanical garden collaboration designed for caregiver-patient dyads living with dementias. In APHA 2023 Annual Meeting and Expo 2023 Nov 12. APHA.

Intellectual property

1. **Renzi, L.M.**, Hammond, B.R. (2012). Use of xanthophyll carotenoids to improve visual performance and neural efficiency. US20140221487A1. Assigned to University of Georgia Research Foundation; Exclusively licensed by ZeaVision, LLC.
2. Hammond BR, **Renzi-Hammond, LM** (2021). System and method for optical screening of health conditions. Provisional Patent, docket assignment 222105-8401.

Manuscripts under review

1. Ceravolo, S.A., Hammond, B.R., Kennedy, R., Jutras, P., **Renzi-Hammond, L.M.** (under review). The effects of piano training on cognitive function and brain activation in older adults.
2. Reina, A.M., Beer, J.M., **Renzi-Hammond, L.M.**, Donglan, Z., Padilla, H.M. (under review). Mind Your Heart: a mindful eating and diet education eHealth program.
3. Reina, A.M., Padilla, H.M., Beer, J.M., Donglan, Z., **Renzi-Hammond, L.M.** (under review). Mindful eating improves diet quality: Findings from the mind your heart randomized trial pilot stud

Grants Awarded

Funding Agency	Mechanism and Years Active	Title	Amount and Role	% Academic Credit
As a graduate student: \$48,400 total funding				
Kemin Foods, LC	Contract; 2004-2005	Circulating lipids and human macular pigment density	\$25,000; Co-PI	100
US Department of Agriculture	Grant; 2006	Summer fellowship: lipids and human macular pigment density	\$5700; Co-I	100
University of Georgia	Dissertation completion award; 2007-2008	The relation between macular pigment optical density and temporal vision	\$17,000; PI	100
National Eye Institute	Competitive travel grant; 2008	2008 Association for Research in Vision and Ophthalmology annual meeting	\$700; N/A	N/A
As a Clinical Assistant Professor: \$919,525 total funding; \$459,762.50 by academic credit.				
ZeaVision, LLC	Investigator-initiated grant; 2010-2012	Visual performance in baseball players	\$45,100; Co-I	50% (\$22,550)
ZeaVision, LLC	Investigator-initiated grant; 2011-2013	Macular pigment and visuomotor function in young, healthy adults	\$49,500; Co-I	50% (\$24,750)
Abbott Nutrition	Investigator-initiated grant; 2011-2015	The effects of a lutein and zeaxanthin intervention on cognitive performance and neural efficiency	\$676,950; PI	50% (\$338,475)
Beckman Institute for Advanced Science Technology	Grant; 2015	Cognitive function in pre-adolescent children	\$29,850; Co-I	50% (\$14,925)
Johnson and Johnson Vision	Contract; 2016-2017	The effects of light filtration by photochromic	\$118,125; Co-I	50% (\$59,062.50)

Care, Inc.		contact lenses on visual performance in intense light conditions		
In Assistant Professor Rank: \$2,268,010 total funding; \$1,082,442.50 by academic credit				
Johnson and Johnson Vision Care, Inc.	Contract; 2018-2019	The effects of contact lenses with experimental dye on visual function	\$253,680; PI	50% (\$126,840)
National Institutes of Health	Grant; 2018-2022	Robot-assisted cognitive training for socially isolated older adults with mild cognitive impairment	\$1,304,990; Co-I	45% (\$587,245.50)
Johnson and Johnson Vision Care, Inc	Contract; 2018-2020	The effects of short-wave light filtering contact lenses on visual function	\$173,022; PI	50% (\$86,511)
Alcon Laboratories	Investigator-initiated grant; 2018-2020	The effects of a blue-filtering IOL on visual function	\$408,945; PI	50% (\$204,472.50)
National Institutes of Health	Grant; 2019-2020	Developing an integrated virtual assistant (IVA): a tailored behavior tracking and reminder solutions to assist persons with dementia and their caregivers	\$99,999; PI	50% (\$49,999.50)
U.S. Egg Board	Grant; 2019-2020	Carotenoids, cognition and achievement during childhood	\$7374; PI subaward	100%
The Brookdale Foundation	Foundation grant; 2019-2020	Relatives as parents program (RAPP)	\$20,000; PI subaward	100%
Since promotion to Associate Professor: \$17,030,914 total funding; \$2,754,238.58 by academic credit				
Alcon Laboratories	Contract; 2020-2021	Safety and benefit assessment of yellow filters on visual function	\$240,000; PI	50% (120,000)
Johnson and Johnson Vision Care, Inc.	Contract; 2021-2023	Visual performance of senofilcon A with and without a new UV/HEV blocker	\$259,007; PI	50% (129,503.50)
Johnson and Johnson Vision Care, Inc.	Contract; 2021-2024	The effects of light filtration via contact lenses on novel metrics of visual function	\$477,046; PI	50% (238,523)
Georgia Department of Public Health	Contract; 2021 (will be renewed until 2024)	University of Georgia Cognitive Aging Research and Education Center	\$80,000; co-PI	50% (\$40,000)
Johnson and Johnson Vision Care, Inc	Contract; 2021-2023	Evaluation of multifocal and spherical soft contact lens designs with and without HEV blocker on visual function	\$332,352; PI	50% (166,176)

The Brookdale Foundation	Contract; 2021-2022	Brookdale Relatives as Parents Foundation Tier II renewal	\$10,000; PI subaward	100%
National Academy of Medicine	Grant; 2021-2022	A new state-wide tele-health model to deliver ADRD tele-assessment and tailored care planning to older adults in low-access, high-risk rural communities	\$50,000; co-PI	40% (\$20,000)
Johnson and Johnson Vision Care, Inc.	Contract; 2022-2024	Determining the action spectra of glare in habitual contact lens wearers	\$279,028; co-PI	50% (\$139,514)
Transitions Optical	Contract; 2022-2023	Using photochromic spectacle lenses to attenuate light stress in adults.	\$117,867; co-PI	50% (\$59,933.50)
National Institutes of Health	2022-2026	Enhancing Children's Cognitive Function and Achievement through Carotenoid Consumption	\$3,669,835 Co-I (PI UGA sub award)	100% subaward (\$124,610)
Johnson and Johnson Vision Care, Inc.	2022-2023	Role of glare and spectral filtering on contrast sensitivity: A pilot study	\$256,582; co-I	50% (\$128,291)
Georgia Department of Public Health	2022-2024	Nursing home strike team	\$11,269,197; co-I	14% (\$1,577,687.58)

Total funding: \$20,266,909.00

By academic credit: \$4,344,843.58

Selected Press and Recognition

Awarded the Herbert Zimmer Award by the University of Georgia Neuroscience faculty for Excellence in Research, 2008.

Inaugural Cohort of UGA's NSF Innovation Corps; Project: Team Harmonized, 2017-2018.

Featured in the November "Focus on the Faculty" feature on the UGA homepage, November 2019.

Featured on *Classic City Science*; WUGA; June 2019

Featured in *Georgia Health News*; April 03, 2019

Featured on 90.1, WABE, Atlanta's NPR station, April 5, 2019

Featured in the feature length documentary, "Open Your Eyes," which premiered in New York City on March 27, 2020 (scheduled)

Faculty presenter, TEDxUGA, "Next Level," March 19, 2021

Delta Omega Honor Society in Public Health, 2020

Inaugural Cohort, Rural Engagement Working Group, 2021; **Awarded \$5,000 seed grant**

Working Group Lead in Gerontology, UGA College of Public Health, 2021-2022

Nominated for the L2-IRT leading large teams initiative from the Office of Research, 2021-2022

Featured in *Georgia Health News*; June 10, 2021

Featured in the *Atlanta Journal-Constitution*; June 11, 2021; January 18, 2023

Visiting Scholar for the University of Alabama at Birmingham Vision Sciences Research Center; January 8, 2021

Featured in *UGA Today* as co-Director of CARE; January 24, 2023; March 14, 2023

Featured in *New York Times*, "What Age Should You Retire? Experts Weigh in;" April 13, 2023

Featured in *Wall Street Journal*, "Access to New Alzheimer's Drugs May Depend on Where You Live;" May 07, 2023

Featured in *Georgia Magazine*, August edition, 2023

Selected scholarly presentations (Academic Societies; *indicates an invited submission)

1. ***Renzi, L.M.** (2006). An investigation of supplementation response profiles for serum and macular pigment: A critical look at the non-responder problem. Presented at the Jean Mayer Human Nutrition Research Center on Aging at Tufts University; Boston, MA.
2. ***Renzi, L.M.** (2006). Statins, lipoproteins and macular pigment optical density. Presented at the Jean Mayer Human Nutrition Research Center on Aging at Tufts University; Boston, MA.
3. **Renzi, L.M.** (2009). Neural compensation within the human retina. Presented at the Annual meeting of the University of Texas Section on Neurobiology; Austin, TX.
4. **Renzi, L.M.** (2009). The protective, visual function and neural efficiency hypotheses of macular pigment. Presented at the Center for Perceptual Systems meeting at the University of Texas; Austin.
5. **Renzi, L.M.,** Hammond, B.R., Wooten, B.R. (2009). Age-related changes in the temporal modulation transfer function (TMTF) assessed with a novel optical device in the fovea and parafovea. Presented at the 2009 Annual Meeting of the Vision Sciences Society; Naples, FL.
6. ***Renzi, L.M.** (2011). Dietary lutein in visual and neural development: A focus on the infant. Presented at the 2011 annual meeting of the American Dietetic Association; San Diego, CA.
7. **Renzi, L.M.** (2012). The relationship between retinal carotenoids and cognitive function in healthy and cognitively impaired elders. Presentation for the American Society of Nutrition's annual meeting at Experimental Biology; San Diego, CA.
8. ***Hammond, B.R.; Bovier, E.R.; Renzi, L.M.** (2014). Effects of the macular carotenoids on behavioral and neural measures of brain function. Presented at the triennial meeting of the International Carotenoid Society; Park City, UT.
9. ***Renzi, L.M.** (2015). Challenges in evaluating the role of xanthophylls in cognition across multiple levels of analysis. Presented at biennial Macular Carotenoids conference in Downing College, Cambridge University; Cambridge, UK.
10. ***Renzi-Hammond, L.M.** (2017). Lifespan nutrition for cognitive health. Presented at the Center for Nutrition, Learning and Memory Cognition Summit at the University of Illinois, Urbana-Champaign; Champaign, IL.
11. ***Renzi-Hammond, L.M.** (2017). Macular carotenoids improve central nervous system efficiency across the lifespan: behavioral and neuroimaging results. Presented at triennial meeting of the International Carotenoid Society; Lucerne, Switzerland.
12. ***Renzi-Hammond, L.M.** (2017). Macular carotenoids in pregnancy, infancy and early childhood. Presented at the triennial meeting of the International Carotenoid Society; Lucerne, Switzerland.
13. ***Renzi-Hammond, L.M.,** Miller, L.S., Hammond, B.R. (2017). The biological function of lutein and zeaxanthin in the brain. Presented at the triennial meeting of the International Carotenoid Society; Lucerne, Switzerland.
14. ***Renzi-Hammond, L.M.** (2018). Nutrition, cognition and health: a lifespan perspective. Presented at the Canadian Nutrition Society annual meeting; Halifax; Nova Scotia, Canada.
15. ***Renzi-Hammond, L.M.** (2018). Carotenoids in brain health, cognitive function and neural efficiency: Emerging evidence from across the lifespan. Presented at the Carotenoids section of the Gordon Research Conferences; Newry, ME.
16. ***Renzi-Hammond, L.M.,** Saint, S., Shotwell, J., & Hammond Jr, B. R (2018). Understanding the role of nutrition in lifespan brain development: Application to dietary behavior. Presented the triennial Brain and Ocular Nutrition meeting; Downing College, Cambridge University; Cambridge, UK.
17. Collette, B., Hammond, B.R., Miller, L.S., **Renzi-Hammond, L.M.** (2019). Macular pigment optical density and emotional wellbeing in community-dwelling older adults. *Annual Meeting of the American Public Health Association*; Philadelphia, PA.
18. ***Renzi-Hammond LM,** Sesso H. (2021). Cognition and mental wellbeing, from early life to adulthood. Presented at the annual BASF Day of Science; virtual congress.
19. ***Renzi-Hammond, L.M.** How human milk oligosaccharides and the gut microbiome communicate with the brain. Presented at the World Congress on Pediatric Gastroenterology, Hepatology and Nutrition; Vienna, Austria. Presented on June 04, 2021 as part of a symposium (co-presenter, B. Brett

Finlay; University of British Columbia)

20. ***Renzi-Hammond, L.M.** Intelligent microbes: the role of nutrition in gut-brain axis development throughout the lifespan. Canadian Nutrition Society Annual Meeting (5/06/2022)
21. ***Renzi-Hammond, L.M.** Focus on the Fellows: Building a Vision Science Career. National Eye Institute, National Institutes of Health (10/04/2022)
22. ***Renzi-Hammond, L.M.** Delivering effective presentations: a train the trainer event. Presented to clinical nutrition faculty at the American Society of Parenteral and Enteral Nutrition; Las Vegas, NV (4/19/2023)
23. ***Renzi-Hammond, L.M.** (5/13/2023). Human Milk Oligosaccharides: thinking beyond 2'-FL, with implications for childhood and development. Presented at the annual CONAPEME meeting; Acapulco, Mexico
24. **Renzi-Hammond L.M.**, and Hammond B.R. (6/11/2023). Evaluating the impact of an HEV-filtering multifocal contact lens on halos and light scatter. Presented at the annual British Contact Lens Association annual meeting; Manchester, UK.
25. Hammond, B.R., and **Renzi-Hammond L.M.** (6/11/2023). Filtering high-energy visible light in multifocal contact lenses reduces glare disability and glare discomfort without altering color perception. Presented at the annual British Contact Lens Association annual meeting; Manchester, UK.
26. ***Renzi-Hammond, L.M.** (7/13/2023). The role of carotenoids in brain health and function. Presented at the triennial meeting of the International Carotenoid Society; Toyama, Japan.

Selected Poster Presentations. Student co-authors are underlined after 2008; for the sake of brevity, only first and senior authored posters are included.

1. **Renzi, L.M.**, & Hammond, B.R. (2005). The relation between macular pigment and serum triglyceride levels. Presented at the 2005 Annual Meeting for the Association for Research in Vision and Ophthalmology; Ft. Lauderdale, FL.
2. **Renzi, L.M.**, Wenzel, A.J., Hammond, B.R., & Curran-Celentano, J. (2006). Statin use and macular pigment optical density. Presented at the 2006 Annual Meeting for the Association for Research in Vision and Ophthalmology; Ft. Lauderdale, FL.
3. **Renzi, L.M.**, Iannaccone, A., Gallaher, K.T. et al. (2007). Relationships among macular pigment optical density, serum lutein, zeaxanthin and n3 fatty acids. Presented at the 2007 Annual Meeting for the Association for Research in Vision and Ophthalmology; Ft. Lauderdale, FL.
4. **Renzi, L.M.**, Iannaccone, A., et al for the Health ABC Study Group. (2008). The relation between serum xanthophylls, fatty acids, macular pigment and cognitive function in the Health ABC Study. Presented at the 2008 Annual Federation of American Societies for Experimental Biology; San Diego, CA.
5. **Renzi, L.M.**, Hammond, B.R., Wooten, B.R. (2008). The effects of macular pigment on temporal vision. Presented at the 2008 Annual Meeting for the Association for Research in Vision and Ophthalmology; Ft. Lauderdale, FL. *Awarded National Eye Institute Travel Grant for Best Poster Submission*
6. **Renzi, L.M.**, Hammond, B.R., Wooten, B.R. (2008). Age-related changes in the temporal modulation transfer function, assessed foveally and parafoveally. Presented at the 2008 Annual Meeting for the Optical Society of America; Rochester, NY
7. **Renzi, L.M.**, Snodderly, D.M., & Hammond, B.R. (2009). Reduction of surround suppression and enhancement of discriminability by macular pigment. Presented at the 2009 Annual Meeting for the Association for Research in Vision and Ophthalmology; Ft. Lauderdale, FL.
8. Bovier, E.R., O'Brien, K.J., Fletcher, L.M., Gierhart, D.L., **Renzi, L.M.** (2011). Macular pigment: relations to fixed and variable reaction time and coincidence anticipation across the lifespan. Presented at the annual meeting of the Association for Research in Vision and Ophthalmology; Fort Lauderdale, FL.
9. **Renzi, L.M.**, Bovier, M.R., Shon, W.D., Biegler, P., Kennedy, C.A., & Hammond, B.R. (2011). The effects of macular carotenoids lutein and zeaxanthin on visual performance and neural efficiency in

- young, healthy subjects and college athletes. **Invited poster presentation** for the first bi-ennial Macular Carotenoids and AMD meeting; Downing College, Cambridge, England.
10. Bovier, E.R., O'Brien, K.J., Ross, S., & Renzi, L.M. (2011). Static and dynamic measures of visual performance in athletes. Presented at the annual meeting for the Optical Society of America; Seattle, WA.
 11. Dengler, M.J., Thorne, S.A., Hammond, B.R., Miller, L.S., & Renzi, L.M. (2011). Measuring the temporal contrast sensitivity function and macular pigment optical density in older adults with and without cognitive impairment. Presented at the annual meeting for the Optical Society of America; Seattle, WA.
 12. Dengler, M.J., Puente, A.N., Bovier, E.R., Miller, L.S., Hammond, B.R., & Renzi, L.M. (2012). The relationship between macular pigment and visuomotor function. Presented at the annual meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL.
 13. Bovier, E.R., Fletcher, L.M., Thorne, S.A., Hammond, B.R., & Renzi, L.M. (2013). Critical flicker fusion (CFF) thresholds: relations to neurocognitive function. Presented at the bi-ennial meeting of Macular Carotenoids and AMD meeting; Downing College; Cambridge, England. **Ranked within the top three poster submissions.**
 14. Renzi, L.M. Bovier, E.R., Tankersley, M., Shon, D.W., Mewborn, C.A., Duda, B., Lindbergh, C., Miller, L.S., Hammond, B.R. (2014). Increasing retinal lutein concentrations improves cognitive performance in young, healthy adults: Results from one year of follow-up. Presented at the Triennial meeting of the International Carotenoid Society; Park City, UT
 15. Thorne, S.A.; Oliver, W.T.; Hammond, B.R.; Clementz, B.A.; Miller, L.S.; Renzi, L.M. (2015). CNS xanthophyll status and non-specific brain activation in younger and older adults. Presented at the biennial Macular Carotenoids conference in Downing College, Cambridge University; Cambridge, UK.
 16. Hammond, B. R., & **Renzi-Hammond, L.** (2018). Macular pigment does not screen the retina from ultraviolet B radiation. Presented at the Brain and Ocular Nutrition triennial meeting; Cambridge, United Kingdom.
 17. Shotwell, J., Dunlap, B., Mungenast, J., Renzi-Hammond, L. (2018). Health literacy and patient autonomy: Does age matter? Presented at the annual Gerontological Society of America annual meeting; Boston, MA.
 18. Naithani, N, Reddy, T, Shotwell, J., Rabeeah, Z, Murrow, L., & Renzi-Hammond, L.M. (2019). Talk the talk: effective patient communication and shared decision making. Presented at the American College of Physicians Internal Medicine annual meeting; Philadelphia, PA.
 19. Kaba, C., Thomas, A., Mandangarli, N., Hammond, B.R., Miller, L.M., Renzi-Hammond, L.M. (2019). The relation between blood antioxidant potential, reactive oxygen metabolites, and response to antioxidant supplementation in younger and older participants. Presented at the Centennial Congress of the Medical Women's International Association; New York City, NY.
 20. Shotwell, J., Smith, K., Naithani, N., Reddy, T., Murrow, L., Sailors, D., Tally, W., Renzi-Hammond, L.M. (2019). Communication breakdown: Relations between health literacy and shared decision-making across the lifespan. 4286.0, Presented at the American Public Health Association annual meeting, Delta Omega poster session II; Philadelphia, PA. **Won the Delta Omega award for best poster presentation.**
 21. Liu R, Edwards CG, Cannavale CN, Flemming IR, Chojnacki MR, Reeser GE, Iwinski SJ, **Renzi-Hammond LM, Khan NA.** Weight Status and Visceral Adiposity Mediate the Relationship between Exclusive Breastfeeding Duration and Skin Carotenoids in Later Childhood. *Current Developments in Nutrition.* 2021 Mar.
 22. Buch J, Ruston D, Meyler J, Hammond B, **Renzi-Hammond L,** Cannon J. The effects of a senofilcon A contact lens with and without a photochromic additive on positive dysphotopsia across age. *Contact Lens and Anterior Eye.* 2021 Feb 1;44(1):19.

Integration of Public Health research, instruction, and service: Presentations to academic medical societies, government panels, etc.; * indicates an invited submission; † indicates a keynote address; ‡ indicates that the presentation was given for CE / CME credit for healthcare professionals

1. ***Renzi, L.M.** (2007). The role of lutein and zeaxanthin in the development of the retina. Presented at the Rehab Research and Development group at Emory University / Veteran's Affairs Hospital; Atlanta, GA.
2. *†**Renzi, L.M.** (2008). The developing retina: What do we know about it? Presented at the annual meeting of the Malaysian Pediatric Association; Melaka, Malaysia.
3. ***Renzi, L.M.** (2008). Dietary lutein in vision and visual development. Presented to the Indonesian Ministry of Health; Jakarta, Indonesia.
4. *‡**Renzi, L.M.** (2008), *in conjunction with Landrum, J.T., & Hammond, B.R.* Lutein and zeaxanthin: functional nutrients for the developing retina. Presented at the annual meeting of the Indonesian Pediatric Association; Jakarta, Indonesia.
5. ***Renzi, L.M.** (2009). Reducing visual function loss in older adults. Presented to the Rehab Research and Development Group at Emory University. Veteran's Affairs Hospital; Atlanta, GA.
6. ***Renzi, L.M.** (2010). Nutrition as a mediator of disease risk in macular degeneration, diabetic retinopathy, retinopathy of prematurity and age-related cataract in the developing world. Presented at 2010 International Association for Preventing Blindness "Countdown to 2020" Gala; Geneva, Switzerland.
7. ***Renzi, L.M.** (2011). The effects of nutrition on the aging brain: a focus on neural efficiency and cognitive function. Presented at The Aging Primate Brain: A Multisystem Approach symposium at the Wake Forest University School of Medicine; Winston-Salem, NC.
8. ***Renzi, L.M.** (2012). The Emerging Science Behind Lutein. Presented Neonatal Grand Rounds at Georgetown University Hospital; Washington, DC.
9. ***Renzi, L.M.** (2012). The Emerging Science Behind Lutein. Presented at Perinatal Grand Rounds; Women and Infants Hospital at Brown University; Providence, Rhode Island.
10. ***Renzi, L.M.** (2012). The Emerging Science Behind Lutein. Presented to the Long Island, NY chapter of NAPNAP; Long Island, NY.
11. *‡**Renzi, L.M.** (2012). The Emerging Science Behind Lutein. Presented to the Atlanta, GA chapter of NAPNAP; Atlanta, GA.
12. *‡**Renzi, L.M.** (2013). Understanding the physiology and psychopharmacology of neonatal abstinence syndrome. Presented at the annual meeting of AWHONN; Tampa, FL.
13. *‡**Renzi, L.M.** (2013). The emerging science behind lutein. Presented to the New Jersey Biomedical Research Institute; Morristown, NJ.
14. ***Renzi, L.M.** (2013). The emerging science behind lutein. Presented at Perinatal Grand Rounds, Medical Center of Central Georgia; Macon, GA.
15. *‡**Renzi, L.M.** (2013). Narrowing down the discussion: A focus on lutein, an emerging phytochemical for cognitive and visual development. Presented at the "Emerging Research on the Role of Specific Nutrients on Cognitive and Visual Development" symposium at the 46th annual meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN); London, England.
16. ***Renzi, L.M.** (2013). The emerging science behind lutein. Presented at Perinatal Grand Rounds, Medical College of Georgia; Augusta, GA.
17. *†**Renzi, L.M.** (2014). Lutein in developing eyes and brain: A focus on this emerging phytochemical for cognitive and visual development. Presented at the annual meeting of the Vietnamese Pediatric Association in Hanoi, Hue and Ho Chi Minh City, Vietnam.
18. *†**Renzi, L.M.** (2014). The role of lutein in the developing nervous system: A focus on retinal and brain development and cognitive function. Presented at the annual meeting of the Singapore Pediatric Association; Singapore.

19. *†Renzi, L.M. (2015). Stimulating the senses: nutrition as a link between sensory engagement and neurological development. Presented at the annual meeting of the Vietnamese Pediatric Association in Hanoi and Ho Chi Minh City, Vietnam.
20. *Renzi-Hammond, L.M., Karpecki, P., Sherman, J., Beatty, S. (2015). Transforming eye health through proved ocular nutrition strategies. Presented at the Vision Expo West annual meeting; Las Vegas, NV.
21. *†Renzi-Hammond, L.M. (2015). Nutrition, vision and cognition: New links and applications. Presented at the American Academy of Optometry annual meeting; New Orleans, LA.
22. *†Hanlen, H., Nolan, J., Renzi-Hammond, L.M. (2016). Enriching macular pigment and its impact on visual performance, macular health and overall patient health. Presented at the Vision Source Exchange annual meeting; San Antonio, TX.
23. *†Renzi-Hammond, L.M. (2016). Macular carotenoids and cognitive and visual function across the lifespan. Presented at the Vision Expo East annual meeting; New York, NY.
24. *†Renzi-Hammond, L.M. (2016). Macular carotenoids: Visual function and the brain. Presented at the annual meeting of the Vision Institute Canada; Toronto, Canada.
25. *†Renzi-Hammond, L.M. (2017). New advances in cognitive development: The role of nutrition in neurological development. Presented at the Growth, Development and Tolerance Summit, a joint meeting of the Malaysian Pediatric Association, the Malaysian Association of Maternal and Neonatal Health, and the Obstetrical and Gynecological Society of Malaysia; Penang, Malaysia.
26. *†Renzi-Hammond, L.M. (2017). The role of nutrition in pre- and post-natal development: A spotlight on lutein. Presented at the Growth, Development and Tolerance Summit, a joint meeting of the Malaysian Pediatric Association, the Malaysian Association of Maternal and Neonatal Health, and the Obstetrical and Gynecological Society of Malaysia; Penang, Malaysia
27. *†Renzi-Hammond, L.M. (2017). Macular carotenoids and cognitive and visual function across the lifespan. Presented at the annual meeting of the New Jersey Society of Optometric Physicians / American Optometric Association satellite meeting; Atlantic City, NJ
28. *†Renzi-Hammond, L.M. (2017). Oral nutritional supplementation. Presented at the annual meeting of the New Jersey Society of Optometric Physicians / American Optometric Association satellite meeting; Atlantic City, NJ.
29. *Renzi-Hammond, L.M. (2017). The science of early brain development: The importance of lutein and natural vitamin E. Presented at the annual meeting of the Vietnamese Pediatric Association; Hanoi and Ho Chi Minh City, Vietnam.
30. *†Renzi-Hammond, L.M. (2018). Nutrition in the Neonatal Intensive Care Unit: Setting the stage for lifespan brain development. Presented at the annual meeting of the Canadian Pediatric Society; Quebec City; Montreal, Canada.
31. Hammond, B. R., Renzi-Hammond, L. M., Buch, J., Cannon, J., & Toubouti, Y. (2019). A Contralateral Comparison of the Visual Effects of Clear vs Photochromic Contact Lenses. Presented at the American Academy of Optometry Annual Meeting; Orlando, FL.
32. Renzi-Hammond, L.M., Buch, J., Cannon, J., Hacker, L., Hammond, B.R. (2019). A contralateral comparison of the effects of light scatter when using an activated photochromic vs. clear contact lens. Presented at the British Contact Lens Association Annual Meeting; Manchester, United Kingdom.
33. Hammond, B.R., Saint, S., Hacker, L., Renzi-Hammond, L.M. (2020). The effects of a blue-light filtering (BLF) vs. clear intraocular implant (IOL) on color appearance. Presented at the Annual Meeting of the American Society for Cataract and Refractive Surgery; Boston, MA.
34. Renzi-Hammond, L.M., Saint, S., Hammond, B.R. (2020). The effects of a blue-light filtering (BLF) intraocular lens (IOL) on visual halos produced by bright light. Presented at the Annual Meeting of the American Society for Cataract and Refractive Surgery; Boston, MA.
35. *†Renzi-Hammond, L.M. (2020). Dementia and stroke: A guide for practitioners. Presented at Nursing Education Week at St. Mary's Stroke Support Unit; Athens, GA.
36. *Renzi-Hammond, L.M. (2021) Evolution of pediatric nutrition. Presented at the Annual Meeting of the Taiwan Pediatric Association; Taipei, Taiwan

37. ***Renzi-Hammond, L.M.**, Finlay, B.B. (2021). How human milk oligosaccharides and the microbiome communicate with the gut and brain. Presented at the 6th World Congress of Pediatric Gastroenterology, Hepatology and Nutrition; Vienna, Austria.
38. ***Renzi-Hammond, L.M.** From retina to brain: macular pigment and the development of the neural efficiency hypothesis. Presented at the University of Alabama at Birmingham Vision Science Research Symposium. January 08, 2021.
39. ***Renzi-Hammond, L.M.** Focus on Fellows: understanding the benefits and drawbacks to careers in academia and industry. Presented at the National Eye Institute annual postdoctoral fellows trainee symposium. October 28, 2021.
40. Co-Creator, CARE Center CE/CME program; to be delivered February 03, 2024.

Selected local boards and advisory panels

1. Athens Community Council on Aging Board of Directors; Member, 2022-present
2. Athens Community Council on Aging Strategic Initiatives Committee, 2022-present
3. Athens Community Council on Aging Grandparents Raising Grandchildren community advisory board; **Member**, 2020
4. Nutrition Council, Chick-Fil-A; **Member**, 2015-2017
5. Parent Council, University Childcare Center; **Member**, 2017-2020
6. Alzheimer's Association, Georgia Chapter; **Volunteer**, 2019-current
7. Alzheimer's Association Memory Walk, 2018-2020
8. **Speaker**, Osher Lifelong Learning Institute; annually, 2016-2022
9. Institute of Gerontology / Alzheimer's Association Partnership; deliver educational support groups and programming; 2019-2022
10. Dementia Action Alliance Brain Health Sub-Committee; **Member**; 2019-2022
11. Wellbridge Senior Community; **Scientific Advisor**; Morgan County, GA; 2019-2021
12. Board of Directors, Athens Community Council on Aging; 2022-present
13. Member, Strategic Initiatives Committee; Athens Community Council on Aging; 2022-present

Local service presentations: I have delivered more than 40 educational presentations to community groups across Georgia, such as the Athens Community Council on Aging, High Shoals Elementary, Rotary Clubs, Pilot Clubs, Kiwanis Clubs, and other community groups.

Professional Service

Boards and Committee Leadership: 2015 – 2023, Board of Directors, Ocular Nutrition Society; 2022-present, Board of Directors, Athens Community Council on Aging; 2022-present, Strategic Initiatives Committee, Athens Community Council on Aging.

Editorial service: Associate Editor, *Frontiers in Social and Evolutionary Neuroscience* (2015-present)

Ad hoc reviewer; *Ophthalmic and Physiologic Optics, Neurobiology of Aging, Molecular Nutrition and Food Research, Nutrients, Journal of Nutrition, Journal of the Optical Society of America*

Grant Reviews: Georgia Clinical and Translational Science Alliance Seed Grant, 2019; Canadian Institute for Health Research, 2019; National Institute on Aging, RCMAR (P30) review panel, 2023

Conference submission reviews: American Psychological Association “Technology, the Mind and Society” Conference; 2018, 2021

Service on departmental, college or university committees, in current rank

Year	Reach	Committee	Role
2018-2020	University	Institutional Review Board 2 (Biomedical and Clinical Trials)	Board Member

2018-present	Departmental	Mary Ann Johnson Scholarship Review	Reviewer
2019	College	Manager of IT Search Committee	Member
2019-2020	College	Strategic Planning Committee	Member
2019-2020	College	Brand Excavation Team	Member
2019-2021	College	Research Advisory Committee	Member
2020-present	University	Institutional Review Board 2 (Biomedical and Clinical Trials)	Vice-Chair
2020-2024	University	University Council	Member
2020-2023	University	University Strategic Planning Committee	Member
2021-2024	University	Committee on Intercollegiate Athletics	Member (2021-2023); Chair (2023-2024)
2020-2022	Departmental	Health Promotion Diversity, Equity and Inclusion Committee	Chair, Policy Sub-Committee
2020-2022	University	Faculty Conference	Steering Committee
2021-2022	College	Gerontology Working Group	Lead
2021-2022; 2022-2023	Departmental	Health Promotion and Behavior department chair search committee	Member
2021-2022	College	Health Policy and Management assistant professor search	Member
2022-present	College	Administrative Council	Member
2022-2023	University	Precision One Health search committee	Member; Chair of Cognitive Aging position
2022-2023	University	Center for Neurodegenerative Diseases search committee	Member; Named Chair and Assistant/Associate Professor
2023-2026	University	Presidential Advisory Council	Member