

Kelly Cotton

PhD Student

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Education

PhD, Psychology (Cognitive and Comparative Psychology) <i>The Graduate Center, City University of New York</i>	Present
MA, Psychology <i>The Graduate Center, City University of New York</i>	2020
BS, Brain and Cognitive Sciences	2015
BA, Linguistics <i>University of Rochester</i>	2015

Publications

Cotton, K. & Ricker, T.J. (2020). Working memory consolidation improves long-term memory recognition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. Online ahead of print, 1-13. [doi:10.1037/xlm0000954](https://doi.org/10.1037/xlm0000954)

Cotton, K., Verghese, J., & Blumen, H. M. (2020). Gray Matter Volume Covariance Networks, Social Support, and Cognition in Older Adults. *The Journals of Gerontology: Series B*, 75(6), 1219-1229. [doi:10.1093/geronb/gbz023](https://doi.org/10.1093/geronb/gbz023)

Mahoney, J. R., **Cotton, K.**, & Verghese, J. (2019). Multisensory integration predicts balance and falls in older adults. *The Journals of Gerontology: Series A*, 74(9), 1429-1435. [doi:10.1093/gerona/gly245](https://doi.org/10.1093/gerona/gly245)

Lin, F., Ren, P., **Cotton, K.**, Porsteinsson, A., Mapstone, M., & Heffner, K. L. (2016). Mental Fatigability and Heart Rate Variability in Mild Cognitive Impairment. *The American Journal of Geriatric Psychiatry*, 24(5), 374-378. [doi:10.1016/j.jagp.2015.12.012](https://doi.org/10.1016/j.jagp.2015.12.012)

Presentations

Cotton, K. & Ricker, T. J. (2020, November). The Role of Creativity in the Relationship between Working Memory Consolidation and Long-Term Memory. Poster presented at the *61st Annual Meeting of the Psychonomic Society*, Virtual.

Cotton, K. & Ricker, T. J. (2019, November). Working Memory Consolidation Improves Long-Term Memory Recognition in Words and Non-words. Poster presented at the *60th Annual Meeting of the Psychonomic Society*, Montreal, Quebec, Canada.

Cotton, K. & Ricker, T. J. (2019, October). Working Memory Consolidation Improves Long-Term Memory Recognition. Talk presented at the *Cognitive and Comparative Psychology Colloquium*, Graduate Center of the City University of New York, Manhattan, New York.

Koorathota, M., Adelman, P., & **Cotton, K.** (2019, September). Project Fovea: Attention-Guided Video Production. Poster presented at the *NYC Media Lab Demo Expo*, Brooklyn, New York.

Cotton, K., Jacobs, A., Ren, P., & Lin, F. (2015, November). Mechanisms Linking Depression and Cognitive Impairment: A Systematic Review of Neuroimaging Studies. Poster presented at the *Annual Meeting of The Gerontological Society of America*, Orlando, Florida.

Grants

Doctoral Student Research Grant, The Graduate Center, CUNY (\$1350) 2020
Conference Presentation Support, The Graduate Center, CUNY (\$300) 2019

Fellowships, Honors, and Awards

Psychology Fellowship, The Graduate Center, CUNY 2020
Data for Public Good Fellowship, The Graduate Center, CUNY 2020
Second Place Overall for “Project Fovea”, NYC Media Lab ’19 2019
Graduate Center Fellowship, The Graduate Center, CUNY 2018 - 2023
National Merit Scholar Fellowship, University of Rochester 2011 - 2015

Research Experience

Graduate Research Assistant, *Memory and Attention Lab* 2018 - Present
Dept. of Psychology, College of Staten Island
Designed and programmed both in-person and online experiments using Matlab/Octave and PsychoPy; analyzed data using R; mentored undergraduate research assistants

Research Assistant, *CREM Study* 2015 – 2019
Dept. of Neurology, Albert Einstein College of Medicine
Supervised a large clinical trial investigating the efficacy of a computer-based intervention to improve gait, mobility, and cognition; performed neuropsychological assessment; analyzed fMRI data using SPM12

Teaching Experience

Teaching Assistant, *Thinking, Knowing, Remembering* 2019 - Present
Dept. of Psychology, City College

Science Outreach

BioBus 2019
Led activities for “Saturday Science” neuroscience outreach program for families and community members; mentored and supervised high school interns on semester-long experimental and science communication projects

“Function” Youtube Series 2017 - Present
Served as scientific consultant and data analyst for series of videos on innovative applications of eye-tracking technology and other scientific topics

Skills

Programming: R, MATLAB/Octave, Python/PsychoPy
Statistical Analysis: Hierarchical Linear Modeling, Structural Equation Modeling
Other: TobiiPro

Professional Memberships

Psychonomic Society