


Kelly Cotton

PhD Student, Cognitive Psychology

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Education

PhD, 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 BA, Linguistics <i>University of Rochester</i>	2015 2015

Publications

Cotton, K. & Ricker, T.J. (2020). Working memory consolidation improves long-term memory recognition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 47(2), 208–219. [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

INTERNATIONAL CONFERENCE PRESENTATIONS

Koorathota, S., Adelman, P., **Cotton, K.**, & Sajda, P. (2021, June). Editing Like Humans: A Contextual, Multimodal Framework for Automated Video Editing. *IEEE/CVF Conference on Computer Vision and Pattern Recognition*, Virtual.

Cotton, K. & Ricker, T. J. (2021, June). Consolidating a lasting memory: The role of creativity in the relationship between working memory and long-term memory. *2nd Annual Virtual Working Memory Symposium*, Virtual.

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., 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.

REGIONAL CONFERENCE & COLLOQUIA PRESENTATIONS

Cotton, K. & Ricker, T. J. (2021, May). Does creativity influence working memory effects on long-term memory?. *12th Annual Psychology Research Day*, Virtual.

Cotton, K. & Ricker, T. J. (2019, October). Working Memory Consolidation Improves Long-Term Memory Recognition. *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.

INVITED TALKS

Cotton, K. (2021, May). Consolidating a lasting memory. University of Geneva, Geneva, Switzerland.

Grants

Doctoral Student Research Grant, The Graduate Center, CUNY (\$1350) 2020

Role: Principal Investigator

Project Title: "The role of creativity in the relationship between short-term consolidation and long-term memory"

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, University of South Dakota

Supervisor: Dr. Timothy Ricker

Research Assistant, *CREM Study* 2015 – 2019

Dept. of Neurology, Albert Einstein College of Medicine

Supervisors: Dr. Joe Verghese and Dr. Roe Holtzer

Teaching Experience

Lehman College, City University of New York
Cognitive Psychology (Instructor)

Spring 2021

City College, City University of New York
Thinking, Knowing, Remembering (Teaching Assistant)

Fall 2019 - Spring 2021

Science Outreach

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

“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