


# 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. (Under Review). Examining the relationship between working memory consolidation and long-term consolidation.

**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, College of Staten Island  
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 - Fall 2021

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

Fall 2019 - Fall 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

## Institutional Service

*City University of New York*  
CUNY Research Scholars Program (Symposium Judge)

Summer 2021

## Professional Memberships

Psychonomic Society

## Skills

Programming: R, MATLAB/Octave, Python/PsychoPy

Statistical Analysis: Hierarchical Linear Modeling, Structural Equation Modeling

Other: TobiiPro