

## SAMANTHA COHEN

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### EDUCATION

Brown University, Providence, RI, 2009  
B.A. in Visual Art with a focus on film & video

Harvard Extension School, Cambridge, MA, 2010  
The Psychology of Addiction, Personality Theory

Hunter College, City University of New York, 2013  
M.A. in Psychology, 2013  
Thesis: Multimodal sensorimotor gating in goldfish  
Advisor: Thomas Preuss

The City University of New York, expected graduation in 2018  
Ph.D. in Cognitive and Behavioral Neuroscience  
Thesis Mentor: Lucas Parra

### RESEARCH EXPERIENCE

City College, City University of New York, Dr. Lucas Parra September 2013 - Present  
PhD Candidate  
*Identifying electroencephalographic (EEG) signatures of encoding naturalistic stimuli*

Hunter College, City University of New York, Dr. Thomas Preuss June 2011 – August 2013  
Master's Student  
*Investigation of the mechanisms and parameters of multimodal pre-pulse inhibition in the teleost startle response*

Rhode Island Hospital, Dr. Katharine Phillips 2010  
Volunteer Research Assistant  
*Conducted subject interviews, symptom analysis, and database maintenance*

### ADDITIONAL EXPERIENCE

Cognitive Neuroscience Society Student Committee 2015 - Present  
Teacher's Assistant for Image and Signal Processing in Biomedicine 2015 - Present  
Calculus Tutor, Providence, RI 2009 - 2010  
Suicide Prevention Hotline, Samaritans of Rhode Island 2009-2010  
Lab Technician, Woods Hole Marine Biology Lab 2003

### GRANTS AND AWARDS

CUNY Doctoral Student Research Grant 2016 - 2017  
CUNY Neuroscience Scholarship 2013 - 2016

## PUBLICATIONS

**Cohen, S.** & Parra, L. C. 2016. Memorable audiovisual narratives synchronize sensory and supramodal neural responses. *eNeuro*.

Langer, N., ... **Cohen, S.** ... Kelly, S. submitted. A Resource for Assessing Information Processing in the Developing Brain Using EEG and Eye Tracking.

Petroni, A., **Cohen, S.**, Parra, L. C. 2016. Age and sex affect intersubject correlation of EEG throughout development. *BioRxiv*.

O'Connor, D., ... **Cohen, S.** ... Milham, M., 2016. The Healthy Brain Network Serial Scanning Initiative: A resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. *GigaScience*.

## POSTER PRESENTATIONS

O'Connor, D., ... Cohen, S. ... Milham, M., 2016. *Evaluating the Impact of Scan State on Inter-individual Differences in Full-brain Functional Connectivity*. Poster accepted for the Organization for Human Brain Mapping Conference, Geneva, Switzerland.

Robles, D., Henin, S., Cohen, S., & Parra, L. C., 2016. *Predicting learning outcomes of instructional video content using neural markers of engagement*. Poster presented at The Cognitive Neuroscience Society, 23<sup>rd</sup> Annual Meeting, New York, NY.

Cohen, S., Henin, S., & Parra, L. C., 2016. *Narrative Engagement: What are you willing to give up?* Poster presented at The Cognitive Neuroscience Society, 23<sup>rd</sup> Annual Meeting, New York, NY.

Cohen, S., & Parra, L. C., 2015. *Incongruent visual animations make unrelated narratives more memorable by driving stronger brain responses*. Poster presented at The Society for Neuroscience, Chicago, Illinois.

Cohen, S., Ki, J., & Parra, L. C., 2015. *Visuals make narratives more memorable and effectively drive brain responses*. Poster presented at The Sixth Annual All-Psychology Doctoral Student Research Day, New York, NY.

Cohen, S., Ki, J., & Parra, L. C., 2015. *Visuals make narratives more memorable and effectively drive brain responses*. Poster presented at The Cognitive Neuroscience Society, 22<sup>nd</sup> Annual Meeting, San Francisco, California.

Cohen, S., Neumeister, H., & Preuss, P., 2013. *Multimodal sensory integration in the goldfish startle response*. Poster presented at The CUNY Animal Behavior Initiative Conference, 2<sup>nd</sup> Annual Meeting, Hunter College, New York, New York.

Cohen, S., Curtin, P.C.P., Medan, V., Karapetyan, S., Neumeister, H., & Preuss, P., 2012. *Discrete uni- and multimodal mechanisms control sensorimotor gating of goldfish startle*. Poster presented at The International Congress of Neuroethology, 10<sup>th</sup> Biannual Meeting, University of Maryland, College Park, Maryland.

## INVITED TALKS

Cohen, S., Henin, S., & Parra, L. C., 2016. *Engaging narratives evoke similar brainwaves and lead to similar perception of time*. Presentation at The Society for Neuroscience, San Diego, CA.

Cohen, S., & Parra, L. C., 2016. *Visual context boosts episodic memory of auditory information by promoting reliable neural processing*. Presentation at the Eastern Psychological Association annual meeting, New York, NY.

Cohen, S., & Parra, L. C., 2015. *Brains on video ... memory effects*. Presentation at the 3rd Symposium of New York Metro Imaging Research Consortium, New York, NY.

Cohen, S., & Parra, L. C., 2014. *Do sensory modalities affect the level of engagement and subsequent recall of narrative stimuli?* CUNY Neuroscience Colloquium, New York, NY.

## SKILLS

*Software*: Matlab, Microsoft Office, SPSS, JMP, FinalCutPro, Photoshop  
Technically trained visual artist, interviewing/documentary skills

## PROFESSIONAL AFFILIATIONS

Society for Neuroscience, 2015 - Present  
Cognitive Neuroscience Society, 2014 - Present  
International Society for Neuroethology, 2012