

# Sahil Luthra

Curriculum Vitae

## Contact Information

Department of Cognitive, Linguistic and Psychological Sciences  
Brown University  
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## Education

2010 – 2014                      B.S., with Honors (Cognitive Neuroscience)                      Brown University

## Honors and Awards

2014                      Premium for Excellence in Cognitive Neuroscience, Brown University  
2012                      Fellowship from Society of Royce Fellows, Brown University  
2010-2014                      August P. Reccord Scholarship, Brown University  
2010-2014                      Eagle Scout Scholarship, Frank Livermore Trust  
2010                      National Merit Scholarship

## Relevant Experience

2014-present                      **Research Assistant**  
*Emily Myers (University of Connecticut, PI)*  
*Sheila Blumstein (Brown University, co-investigator)*  
Involved in designing, implementing and analyzing behavioral, eye-tracking and fMRI experiments to examine left IFG involvement in resolving lexical-phonetic competition and acquiring phonetic categories

2011-2014                      **Undergraduate Researcher**  
*Sheila Blumstein (Brown University, PI)*  
Involved in developing and conducting behavioral experiments, primarily on the processing of non-linguistic information (e.g., speaker identity) during spoken word recognition

2013                      **Undergraduate Researcher**  
*Swathi Kiran (Boston University, PI)*  
Involved in building content for a speech rehabilitation tablet app (Constant Therapy) and providing weekly therapy to a patient with aphasia

## Publications

### Peer-Reviewed Articles

1. Luthra, S., Fox, N. P., & Blumstein, S. E. Speaker information affects false recognition of unstudied lexical-semantic associates. Under review.
2. Theodore, R. M., Blumstein, S. E., & Luthra, S. (2015). Attention modulates specificity effects in spoken word recognition: Challenges to the time-course hypothesis. *Attention, Perception & Psychophysics*, 77(5), 1674-1684.

### Posters

1. Luthra, S., Fox, N. P., & Blumstein, S. E. Speaker information affects false recognition of unstudied lexical-semantic associates. Society for Neurobiology of Language. Chicago, IL, October 2015.
2. Myers, E. B., Theodore, R. M., & Luthra, S. Neural encoding of talker-specific phonetic variation. Society for Neurobiology of Language. Chicago, IL, October 2015.

## Skills

**Lab:** AFNI, Bliss, E-Prime, MATLAB/Psychtoolbox, Praat, R (including mixed effects models and growth curve analyses), SPSS

**Languages:** English (native fluency), Spanish (professional fluency), Hindi (intermediate)

## Professional Memberships

Sigma Xi Society

Society for Neurobiology of Language

## Additional Experience

2014-present

### **Independent College Essay Editing**

Work with high school seniors on their college application essays, teaching them strategies to effectively convey their ideas

2013-2014

### **Writing Fellows Program**

Served as a one-on-one writing coach for students writing academic essays in English and in Spanish

2010-2013

### **Brown Daily Herald**

Founded a Science & Research section for the daily campus newspaper; developed and edited content; taught science reporting techniques to team of reporters

2011-2014

### **Meiklejohn Peer Advising**

Mentored 4-8 students per year, helping them select classes and navigate freshman year of college

## Hobbies/Interests

Improv comedy, cooking, baking, reading, writing, biking