

Curriculum Vitae

Sahil Luthra

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EDUCATION

University of Connecticut	2016 - Present
Ph.D, Psychology (Language and Cognition)	<i>Expected 2021</i>
M.S., Psychology (Language and Cognition)	<i>Expected 2019</i>
Brown University	2010-2014
B.S., Cognitive Neuroscience	

HONORS AND AWARDS

NSF Graduate Research Fellow	2018-2021
NSF Research Traineeship (Science of Learning & Art of Communication)	2018-2021
Jorgensen Scholarship, University of Connecticut	2018-2021
NSF IGERT Fellow (Language Plasticity)	2016-2018
Premium for Excellence in Cognitive Neuroscience, Brown University	2014
Royce Fellow, Brown University	2012
August P. Reccord Scholarship, Brown University	2010-2014
Eagle Scout Scholarship, Frank Livermore Trust	2010-2014
National Merit Scholarship	2010

ACADEMIC EMPLOYMENT

Brown University, Research Assistant	2014-2016
PI: Emily Myers (University of Connecticut); Co-Investigator: Sheila Blumstein	
Boston University, Research Assistant	2013
PI: Swathi Kiran	

Sahil Luthra, CV

PUBLICATIONS

Peer-Reviewed Articles

1. **Luthra, S.**, Fuhrmeister, P., Molfese, P. J., Guediche, S., Blumstein, S. E., & Myers, E. B. Brain-behavior relationships in incidental learning of non-native phonetic categories. Under review.
2. Magnuson, J. S., You, H., Nam, H., Allopenna, P. D., Brown, K., Escabi, M., Theodore, R. M., Luthra, S., Li, M., & Rueckl, J. EARSHOT: A minimal neural network model of incremental human speech recognition. Under revision.
3. **Luthra, S.**, Guediche, S., Blumstein, S. E., & Myers, E. B. (2019). Neural substrates of subphonemic variation and lexical competition in spoken word recognition. *Language, Cognition & Neuroscience*, 34(2), 151-169.
4. **Luthra, S.**, Fox, N. P., & Blumstein, S. E. (2018). Speaker information affects false recognition of unstudied lexical-semantic associates. *Attention, Perception & Psychophysics*, 80(4), 894-912.
5. Magnuson, J. S., Mirman, D., **Luthra, S.**, Strauss, T., & Harris, H. (2018). Interaction in spoken word recognition models: Feedback helps. *Frontiers in Psychology*, 9, 1-18.
6. 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.

Presentations

1. **Luthra, S.**, You, H., & Magnuson, J. S. Orthographic neighbor effects on visual word identification differ across letter positions. Psychonomic Society, New Orleans, LA, November 2018.
2. Li, M. Y. C., You, H., **Luthra, S.**, Steiner, R., & Magnuson, J. S. Predictive processing in computational models of spoken word recognition. Psychonomic Society. New Orleans, LA, November 2018.
3. **Luthra, S.**, & Magnuson, J. S. Friends in low-entropy places: Letter position influences orthographic neighbor effects in visual word identification. Cognitive Science Society, Madison, WI, July 2018.
4. Magnuson, J. S., Li, M. Y. C., You, H., **Luthra, S.**, & Steiner, R. Predictive processing in computational models of spoken word recognition. Workshop on Predictive Processing. Donostia-San Sebastián, Spain, June 2018.

Sahil Luthra, CV

5. **Luthra, S.**, Fuhrmeister, P., Molfese, P. J., Guediche, S., Blumstein, S. E., & Myers, E. B. Brain-behavior relationships in implicit learning of non-native phonetic categories. Society for Neurobiology of Language. Baltimore, MD, November 2017.
6. **Luthra, S.**, & Magnuson, J. S. Cumulative response probabilities: Estimating time course of lexical activation from single-point response times. Cognitive Science Society, London, UK, July 2017.
7. **Luthra, S.**, Fuhrmeister, P., Guediche, S., Blumstein, S. E., & Myers, E. B. Neural correlates of task-irrelevant perceptual learning of non-native speech sounds. Psychonomic Society. Boston, MA, November 2016.
8. **Luthra, S.**, Guediche, S., Blumstein, S. E., & Myers, E. B. Effects of phonetic category structure on brain activity during word recognition. Society for Neurobiology of Language. London, UK, August 2016.
9. **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.
10. Myers, E. B., Theodore, R. M., & **Luthra, S.** Neural encoding of talker-specific phonetic variation. Society for Neurobiology of Language. Chicago, IL, October 2015.

TEACHING EXPERIENCE

Guest Lectures

PSYC 2501: Cognitive Psychology	October 2017
SLHS 3247: Introduction to Phonetic Principles	December 2016

Workshop Presentations

Advanced Neuroimaging Techniques (UConn "J-Term" Primers)	January 2019
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OUTREACH

Editor-in-Chief – Brain, Cognition and Language Digest	2018-2019
Connecticut Institute for Brain and Cognitive Sciences	
Language Science for Everyone, AAAS Family Science Days	February 2017

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SERVICE

Academic Committee for Neurobiology of Language / Science of Learning & Art of Communication programs	2016-Present
Events Committee for Neurobiology of Language / Science of Learning & Art of Communication programs	2016-Present
Student Organizer, Language & Cognition Brown Bag	2017-Present
Student Organizer, Neurobiology of Language "Talk Shop"	2016-2017

Ad hoc reviewer

Journal of Cognitive Psychology; Journal of Experimental Psychology: Learning, Memory and Cognition; Journal of Memory and Language; Journal of Neuroscience; Quarterly Journal of Experimental Psychology

PROFESSIONAL AFFILIATIONS

Cognitive Science Society, Psychonomic Society, Sigma Xi Society, Society for Neurobiology of Language

SKILLS

Neuroimaging – AFNI, FreeSurfer/Tracula, SPM/MATLAB, TORTOISE

Eyetracking – EyeLink

Acoustic Analysis – Praat, STRAIGHT

Experiment Programming – E-Prime, JSPsych, MATLAB/Psychtoolbox, PsychoPy

Statistics – R, SPSS

Languages – English (native fluency), Spanish (professional fluency), Hindi (intermediate)