

Curriculum Vitae

Sahil Luthra

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Education

2021 (expected)	Ph.D. (Language and Cognition)	University of Connecticut
2010 – 2014	B.S., with Honors (Cognitive Neuroscience)	Brown University

Honors and Awards

2018-2021	Graduate Research Fellow, NSF
2018-2019	NRT Trainee (Science of Learning & Art of Communication), NSF
2018-2021	Jorgensen Scholarship, University of Connecticut
2016-2018	IGERT Fellow (Language Plasticity), NSF
2014	Premium for Excellence in Cognitive Neuroscience, Brown University
2012	Royce Fellow, Brown University
2010-2014	August P. Reccord Scholarship, Brown University
2010-2014	Eagle Scout Scholarship, Frank Livermore Trust
2010	National Merit Scholarship

Research Experience

2016-present	Graduate Student, University of Connecticut Affiliate, The Connecticut Institute for the Brain and Cognitive Sciences <i>Advisors: Emily Myers, Jim Magnuson</i>
2014-2016	Research Assistant, Brown University <i>PI: Emily Myers (University of Connecticut)</i> <i>Co-investigator: Sheila Blumstein</i>
2011-2014	Undergraduate Researcher, Brown University <i>PI: Sheila Blumstein</i>
2013	Undergraduate Researcher, Boston University <i>PI: Swathi Kiran</i>

Publications

Peer-Reviewed Articles

1. **Luthra, S.**, Guediche, S., Blumstein, S. E., & Myers, E. B. Neural substrates of subphonemic variation and lexical competition in spoken word recognition. *Language, Cognition & Neuroscience*.
2. **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.
3. 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.
4. 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.
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

- Fall 2017 PSYC 2501: "Cognitive Psychology"
Fall 2016 SLHS 3247: "Introduction to Phonetic Principles"

Service and professional affiliations

Editor-in-Chief for Brain, Cognition and Language Digest (Connecticut Institute for Brain and Cognitive Sciences)

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*

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

Skills

Neuroimaging – AFNI, FreeSurfer/Tracula, TORTOISE

Acoustic Analysis – Praat, STRAIGHT

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

Statistics – R, SPSS

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

Hobbies/Interests

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