

Julia R. Drouin

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Assistant Professor of Audiology
Department of Communication Sciences and Disorders
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Education

PhD, Speech, Language, and Hearing Sciences, University of Connecticut (Obtained 2020)
Dissertation: "Perceptual Learning of Noise-Vocoded Speech"
Certificate: Neurobiology of Language

AuD, Clinical Doctorate of Audiology, University of Connecticut (Obtained 2020)
Clinical Residency: Yale School of Medicine (Hearing & Balance Center)

BA, Magna Cum Laude with Honors, University of Connecticut (Obtained 2014)
Majors: Psychology; Speech, Language and Hearing Sciences; Minor: Cognitive Science
Honors Thesis: "The new normal: Goodness judgments of non-invariant speech"

Honors and Awards

- Teaching Commendation, Provost's Office, University of Connecticut 2019
- PhD Scholarship, Council of Academic Programs in Communication Sciences and Disorders 2018
- Doctoral Student Travel Award, University of Connecticut 2018
- Teaching Commendation, Provost's Office, University of Connecticut 2018
- Teaching Commendation, Provost's Office, University of Connecticut 2017
- Graduate Summer Fellowship, Connecticut Institute for the Brain and the Cognitive Sciences 2016
- Training Course in fMRI, National Institutes of Health, University of Michigan 2015
- Integrative Graduate Education and Research Traineeship (IGERT) Fellowship, National Science Foundation, University of Connecticut 2014–2018
- BA awarded Magna Cum Laude, University of Connecticut 2014
- Summer Undergraduate Research Fellowship (SURF), University of Connecticut 2013
- Social Sciences, Humanities, and Arts Research Experience (SHARE), University of Connecticut 2013
- New England Scholar, University of Connecticut 2012–2014
- Honors Scholar, University of Connecticut 2011–2014
- Dean's List, University of Connecticut 2011–2014

Research Interests

Speech perception; perceptual learning; cochlear implants; auditory processing; auditory training; acoustic analysis; neuroimaging techniques; eye-tracking methods

Publications

- **Drouin, J.R., & Theodore, R.M. (in press)**. Leveraging interdisciplinary perspectives to optimize auditory training for cochlear implant users. *Language & Linguistics Compass*.
- **Drouin, J.R., & Theodore, R.M. (2018)**. Lexically guided perceptual learning is robust to task-based changes in listening strategy. *Journal of the Acoustical Society of America*, 144(2), 1089–1099. <https://doi.org/10.1121/1.5047672>
- **Drouin, J. R., Monto, N. R., & Theodore, R. M. (2017)**. Talker-specificity effects in spoken language processing: Now you see them, now you don't. The speech processing lexicon: Neurocognitive and behavioral approaches, 22,107–128. <http://doi.org/10.1515/9783110422658-006>
- **Drouin, J.R., Theodore, R.M., & Myers, E.B. (2016)**. Lexically guided perceptual tuning of internal phonetic category structure. *Journal of the Acoustical Society of America*, 140(4), EL307–EL313. <https://doi.org/10.1121/1.4964468>

Invited Talks

- Theodore, R.M. & **Drouin, J.R.** (2019). Neural Representation of Phonetic Category Structure in Adults with Language Impairment. Accepted for presentation at the American Speech-Language-Hearing Association Convention, Orlando, Florida.
- **Drouin, J.R.** (2018). Effects of receptive language ability on the neural representation of phonetic category structure. University of Connecticut Speech, Language, and Hearing Sciences Colloquium Series.

Selected Posters and Presentations

- **Drouin, J.R. & Theodore, R.M.** (2018). Effects of receptive language ability on the neural representation of phonetic category structure. Presented at the 176th meeting of the Acoustical Society of America, Victoria, Canada.
- **Drouin, J.R., Ose, J. & Theodore, R.M.** (2017). Effects of processing depth on lexically guided perceptual learning. Presented at the 173rd meeting of the Acoustical Society of America, Boston, Massachusetts.
- **Drouin, J.R., & Theodore, R.M.** (2017). Identifying task-based constraints on lexically informed perceptual learning. Presented at the annual UConn Language Fest, University of Connecticut.
- **Drouin, J.R., Ose, J., & Theodore, R.M.** (2016). Effects of attention on lexically-informed perceptual learning for speech. Presented at the annual UConn Language Fest, University of Connecticut.
- **Drouin, J.R., Monto, N.R., Graham, S., Ose, J. & Theodore, R.M.** (2016). Effects of attention on lexically-informed perceptual learning. Presented at the 172nd meeting of the Acoustical Society of American, Honolulu, Hawaii.
- Bohner, A., Thompson, E., Graham, S., **Drouin, J.R.**, & Theodore, R.M. (2015). Effects of reading ability on lexically-informed perceptual learning. Presented at the 169th meeting of the Acoustical Society of America, Pittsburgh, Pennsylvania.
- Bohner, A., Thompson, E., Graham, S., **Drouin, J.R.**, & Theodore, R.M. (2015). Effects of reading ability on lexically-informed perceptual learning. Presented at the annual UConn Language Fest, University of Connecticut.
- **Drouin, J.R., Theodore, R. M., & Myers, E.B.** (2014). The new normal: Goodness judgments of non-invariant speech. Presented at the 4th annual UConn Language Fest, University of Connecticut, Storrs, Connecticut.
- **Drouin, J.R., Myers, E.B., & Theodore, R.M.** (2013). Speech and language processing differences in impaired and unimpaired populations. Poster presented at the University of Connecticut Fall Undergraduate Frontiers in Research, University of Connecticut, Storrs, CT.
- **Drouin, J.R., Myers, E.B., & Theodore, R.M.** (2013). Speech and language processing differences in impaired and unimpaired populations. Poster presented at University of Connecticut Summer STEM Research Symposium, University of Connecticut, Storrs, CT.
- **Drouin, J.R., Theodore, R.M., & Myers, E.B.** (2013). The new normal: Goodness judgments of non-invariant speech. Presented at the 4th annual UConn Language Fest, University of Connecticut, Storrs, Connecticut.

Teaching Experience

- Instructor of Record, Advanced Speech Science (SLHS 5361 – graduate level course) 2019
- Instructor of Record, Introduction to Aural Rehabilitation (SLHS 4249W) 2018–2019
- Guest Lecturer, Seminar in Cognitive Science (COGS 3584) 2018
- Instructor of Record, Neuroscience for the Study of Cognitive and Communicative Disorders (SLHS 4245W) 2017
- Guest Lecturer, Introduction to Communication Disorders (SLHS 1150) 2017–2018
- Instructor of Record, Introduction to Language Disorder in Children (SLHS 4254W) 2015–2016

Leadership Experience

- Educational Development Chair, Student Academy of Audiology 2018–Present
- Lead Organizer, Science Over Lunch Hour Series (SLHS) 2016–Present
- Senator, UConn Graduate School Senate 2014–2016
- Peer Ambassador, UConn Office of Undergraduate Research 2013–2014
- Teaching Assistant & Orientation Leader, UConn International Teaching Assistants Program 2013–2014

Professional Affiliations

- American Academy of Audiology 2018–Present
- Student Academy of Audiology 2016–Present
- Psychonomics Society 2014–2016
- Acoustical Society of America 2013–2014
- Connecticut Institute for the Brain and Cognitive Sciences 2013–2014
- The New York Academy of Sciences 2015–2017
- UConn IGERT Language Plasticity Program 2014–Present
- National Student Speech, Language, and Hearing Association 2013–2014
- Sigma Alpha Lambda Honors Society 2013–2014

Service

- Audiology student volunteer, Special Olympics 2017
- Contributor/Editor, Brain, Cognition and Language Digest 2016–2018
- Lead Organizer, UConn NSF IGERT J-Term 2017–2018
- Audiology student volunteer, Headstart 2016–2017
- Student representative, UConn NSF IGERT Diversity Committee 2014–2016
- Student representative, UConn NSF IGERT Outreach Committee 2014–2016
- Student representative, UConn NSF IGERT International Research Committee 2014–2016
- Student volunteer, National Student Speech, Language, and Hearing Association 2011–2014
- Corps member, Americorps Jumpstart Program 2011–2012

Technical Skills

- Praat software
- R Studio statistical programming
- fMRI data acquisition and analysis in AFNI
- SuperLab experiment design software
- PsychoPy experiment design software
- Microsoft Excel, Word, Powerpoint, Keynote

References

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