

Daniel Guest

301 University Ave SE • Apt 207 • Minneapolis, MN 55414 • +1 (512) 903-3385
guest121@umn.edu • <https://guestdaniel.github.io>

Education

University of Minnesota	Minneapolis, MN
Ph.D. Psychology (student)	2017 – present
The University of Texas at Dallas	Richardson, TX
B.S. Psychology	2013 – 2017

Awards, Scholarships, and Honors

University of Minnesota, Center for Applied and Translational Sensory Science	
NSF-NRT Graduate Training Program in Sensory Science Fellowship	2018 – present
University of Minnesota, College of Liberal Arts	
College of Liberal Arts Graduate Fellowship	2017 – present
National Science Foundation	
GRFP Honorable Mention	2018
University of Minnesota, Department of Psychology	
Graduate Summer Research Fellowship	2018
The University of Texas at Dallas	
Summa Cum Laude	2017
Academic Excellence National Merit Scholarship	2013 – 2017
Dean's List	2013 – 2017
Undergraduate Research Scholar Award	2016
Undergraduate Research Scholar Award	2015
The University of Texas at Dallas, School of Behavioral and Brain Sciences	
Behavioral and Brain Sciences Honors	2017
Student Leadership Award	2017
Dean's Award for Excellence	2017
Santrock Travel Award	2015
Buhrmester Summer Research Award	2015

Research Experience

Auditory Perception and Cognition Lab	Minneapolis, MN
Graduate Student, advised by Andrew Oxenham	2017 – present
Speech Perception Lab	Richardson, TX
Undergraduate Research Assistant, advised by Peter Assmann	2015 – 2017
Thesis topic: Perception of voice gender in children's speech	

Academic and Professional Memberships

Acoustical Society of America	
Student Council Representative, Psychological and Physiological Acoustics	2018 – present
Student Member	2017 – present
University of Minnesota, Center for Applied and Translational Sensory Science	
NSF-NRT Graduate Training Program in Sensory Science Cohort Member	2017 – present

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Posters

- Guest, D. R.** & Oxenham, A. J. (2018b). The role of pitch and harmonic cancellation when listening to speech in background sounds. *The Journal of the Acoustical Society of America*. Poster presented at Acoustics '18 Victoria
- Kapolowicz, M. R., **Guest, D. R.**, Montazeri, V., Baese-Berk, M. M., & Assmann, P. F. (2018). Perception of spectrally-shifted non-native speech. *The Journal of the Acoustical Society of America*. Poster presented at Acoustics '18 Victoria
- Guest, D. R.** & Oxenham, A. J. (2018a). The role of pitch and harmonic cancellation in simultaneous speech segregation. Poster presented at 2018 UMN Center for Cognitive Science Spring Research Day
- Kapolowicz, M. K., **Guest, D. R.**, Montazeri, V., & Assmann, P. F. (2017). Effect of frequency shifts on talker recognition in native and foreign-accented speech. *The Journal of the Acoustical Society of America*. Poster presented at Acoustics '17 New Orleans. doi:10.1121/1.5014953
- Guest, D. R.**, Montazeri, V., Kapolowicz, M. R., & Assmann, P. F. (2017). Perception of voice gender in children's voices by cochlear implant users. *Journal of the Acoustical Society of America*, 141(5), 3839. Poster presented at Acoustics '17 Boston. doi:10.1121/1.4988543
- Guest, D. R.** (2017). Perception of voice gender in children's voices by cochlear implant users. Poster presented at 6th UT Dallas Annual Exhibition of Excellence in Undergraduate Research
- Guest, D. R.**, Kapolowicz, M. R., Hossain, S., Montazeri, V., & Assmann, P. F. (2016). Perception of voice gender in cochlear implant simulations of children's speech. *Journal of the Acoustical Society of America*, 139(4), 2124. Poster presented at Acoustics '16 Salt Lake City. doi:10.1121/1.4950328
- Guest, D. R.** (2016). Perception of voice gender in cochlear implant simulations of children's speech. Poster presented at the 5th UT Dallas Annual Exhibition of Excellence in Undergraduate Research
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Work and Volunteer Experience

Varsity Tutors	Richardson, TX
Private Tutor	2015 – 2017
UT Dallas League of United Latin American Citizens	Richardson, TX
ESL Instructor	2013 – 2017
President	2015 – 2016

Relevant Coursework

Current coursework is in *italics*

Graduate GPA: 4.00, graduate courses in black

Engineering: Introduction to Electrical Engineering, Mechanics

Neuroscience: Behavioral Neuroscience, Cognitive Neuroscience

Speech, language, and hearing: Anatomy and Physiology of Speech and Hearing, Communication Sciences, Communication Disorders, Linguistics, Normal Language Development, Phonetics

Statistics and mathematics: *Applied Regression Analysis*, Calculus I, Calculus II, Differential Equations, Linear Algebra, Multivariable Calculus, *Neural Networks*, Research Design and Analysis, Theoretical Concepts of Calculus, Theory of Statistics I, Theory of Statistics II

Psychology: Abnormal Psychology, Child Development, Computational Vision, Experimental Projects, Historical Perspectives of Psychology, Human Experience of Sensory Loss, Proseminar in Perception, Psychology of Music, Social Psychology

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Skills and Technical Experience

Computer skills: git, L^AT_EX, Linux, Sweave/KnitR, Windows

Languages: English (native), Spanish, Portuguese

Mathematics: Differential equations, linear algebra, multivariable calculus, real analysis

Programming languages: MATLAB, Python, R

Statistics: Bayesian statistics, generalized linear regression models, multilevel/hierarchical models

References

Andrew Oxenham

Professor, Department of Psychology & Department of Otolaryngology, University of Minnesota
oxenham@umn.edu • +1 (612) 624-2241

Peter Assmann

Professor, School of Behavioral and Brain Sciences, The University of Texas at Dallas
assmann@utdallas.edu • +1 (972) 833-2435

Melanie Spence

Associate Dean, School of Behavioral and Brain Sciences, The University of Texas at Dallas
mspence@utdallas.edu • +1 (972) 883-3656
