

Rachael Tatman

The University of Washington
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Current position

PhD Student, The University of Washington, Seattle WA

Areas of specialization

Phonetics • Phonology • Sociolinguistics • Signed Languages

Education

2012 - Present PhD student in Linguistics, The University of Washington
2008 - 2012 BA in Linguistics and English, The College of William and Mary

Grants, honors & awards

2014 - 2017 National Science Foundation Graduate Research Fellowship
2008 - 2012 Murray Scholar at the College of William and Mary - Including \$5000 research funding
2008 - 2012 Monroe Scholar at the College of William and Mary
2008 National Merit Scholar

Presentations and Publications

2015 "The cross-linguistic distribution of sign language parameters" *Berkeley Linguistics Society*, Berkeley, CA
2015 Souza, P.; Wright, R.; Blackburn, M.; Tatman, R. and Gallun, F. "Individual sensitivity to spectral and temporal cues in listeners with hearing impairment" *Journal of Speech, Language, and Hearing Research*
2014 "The SLAY Database: A Meta-Analytic Database of Sign Language Grammars" *Workshop on Databases and Corpora in Linguistics*, Stony Brook, NY
2013 "A Very Brief Introduction To Bayesian Statistics for Linguists" presented at the University of Washington Phonetics Lab Meeting, October 18 2013
2013 "How we talk when we know we're being listened to: The ethical and scientific problem of surreptitious recording" *Dawg Talks, 2013 Science and Policy Summit*, Seattle, WA
2012 "Pull Over That æ Too Back' - An Examination of Language Attitudes Towards Emulation of the Trap-Bath Split in the American South" *Specgram* November/December 2012
2012 "The r in 'Citizen': Difficulties in Mapping Speech" *Scholars' Studio: "Citizen" Research @the Commons*, Seattle, WA

- 2012 "Flapping in Conversational American English: Unpredictable but Perceptible" *Great Lakes Expo in Experimental and Formal Undergraduate Linguistics*, East Lansing, MI
- 2012 "Perception of Non-Phonological Reduction" *William and Mary 13th annual honors colloquium*
- 2010 "Eliciting Reduced and Shortened Stops: A Comparison of Laboratory Techniques" *Ottawa's Conference for Linguistic Undergraduates*, Ottawa, Ontario
- 2010 "The Evolution of the Singular Child Protagonist in Children's Fantasy Series" *Colonial Academic Alliance Undergraduate Research Conference*, Richmond, VA

Teaching and Assistantships

- 2013 *Teaching Assistant* for Sociolinguistics. Solo taught course, developed materials, assignments and assessments.
- 2013 - 2014 *Research Assistant* on an NIH Grant studying the effects of amplification and distortion on speech perception under Richard Wright and Pamela Souza. Responsibilities included: Statistical analyses, data curation, writing.
- Fall 2013 *Teaching Assistant* for Language and Society, a large sociolinguistics class for non-majors. Planned, developed materials for and taught weekly sections, graded student essays.
- 2012 - 2013 *Teaching Assistant* for Introduction to Linguistic Thought, an introductory linguistics class. Developed materials for and taught sections twice a week.
- Fall 2008 *Research Assistant* for Visiting Assistant Professor Iyabo Osiapem. Transcribed Jamaican English field data.
- Summer 2008 *Research Assistant* for Professor David Holmes. Assisted with research, preparing book for publication.

Funding Awarded

- 2014 - 2017 *National Science Foundation Graduate Research Fellowship - \$44,000 per year*: Competitive funding for graduate education and research.
- 2014 *Graduate School Fund for Excellence and Innovation Graduate Student Travel Awards - \$300*: Competitive funding for conference travel.
- 2008-2012 *Murray Scholars Research Funding - \$5000*: Funds to pursue independent research projects.

Professional Development and Service

- 2014 *Software Carpentry Instructor Training Workshop*: Learned to instruct novice programmers in the basics of programming.
- 2014 *Workshop Instructor, TA/RA Conference on Teaching, Learning and Research*: Developed materials for and led workshops on presenting research and using activities effectively.
- 2013 - 2014 *Vice President, Linguistics Society of the University of Washington*: Organize colloquium speakers, including obtaining funding to bring in speakers from off campus.
- 2014 *Science Communication Workshops*: Participated in workshop developed by the Pacific Science Center in order to improve science communication skills.
- 2013 *Workshop Instructor, TA/RA Conference on Teaching, Learning and Research*: Developed materials for and led workshops on active learning and embracing diversity in the classroom.
- 2012 - 2013 *Social Chair, Linguistics Society of the University of Washington*: Organize social events for linguistics graduate students.

Community Outreach and Service

- 2014 *Adult Literacy Tutor*: One-on-one tutoring at Literacy Source, a non-profit, four hours a week.
2014 *Exhibit Lead*: Paws on Science at the Pacific Science Center
2014 “Backyard Xenolinguistics” *Seattle Nerd Nite*
2013 “Hearing voices: How we hear and understand speech” *Science on Tap*

Software and Programming Languages

Very Proficient: Microsoft Office, Lyx, OpenOffice, Libre Office, R, Praat and Praat scripting language, PsychoPy, Linux environments and shell scripting
Comfortable: HTML, LaTeX, Python, SQL, MySQL, SPSS, Matlab, Git
Some Experience: Java, Visual Basic.Net, ELAN

Languages

French: Conversational
American Sign Language: Conversational
Mandarin: Beginner

Professional Memberships

The Linguistics Society of America
The Acoustical Society Of America
Association for Laboratory Phonology
Sign Language Linguistics Society