

DANIEL FOGERTY

Department of Communication Sciences and Disorders
University of South Carolina
1705 College Street
Columbia, SC 29208

Email: fogerty@sc.edu
Office: (803) 777-6050
Fax: (803) 777-3081

EDUCATION

1998-2001 *A.B., Augustana College, IL, Communication Sciences & Disorders; Psychology*
2002-2004 *M.A., Michigan State University, Speech-Language Path.; Specialization: Cognitive Sci.
Linguistic Society of America, 2003 Summer Institute; Michigan State University*
2006-2010 *Ph.D. (dual), Indiana University, Speech and Hearing Science; Cognitive Science*
2010-2011 *Postdoctoral Fellowship, Indiana University, Audiology Research Laboratory*

PROFESSIONAL EXPERIENCE

University of South Carolina

2017-present *Associate Professor*, Dept. of Communication Sciences and Disorders
2011-present *Consulting Faculty*, Linguistics Program, USC
2012-present *Affiliate Faculty*, Institute of Mind and Brain, USC
2014-present *Associate Member*, College of Graduate Studies, Medical University of South Carolina
2019-present *Graduate Faculty*, University of South Alabama
2011-2017 *Assistant Professor*, Dept. of Communication Sciences and Disorders

Indiana University

2010-2011 *Postdoctoral Research Fellow*, Audiology Research Laboratory
2009-2010 *Associate Instructor*, Dept. of Speech and Hearing Sciences
2009-2010 *Research Assistant*, Speech Psychophysics Lab and Audiology Research Lab
2006-2009 *NIH T32 Predoctoral Fellow*, Speech Psychophysics Lab and Audiology Research Lab

Clinical Experience

2008 *Speech-Language Pathologist (PRN)*, Bell Trace Health & Living Center, Bloomington, IN
2004-2006 *Speech-Language Pathologist (FT)*, Willowcrest Care Center, South Milwaukee, WI

Michigan State University

2002-2004 *Lab Manager/Research Assistant*, Cognitive Auditory Research Laboratory

Augustana College, IL

2002 *Interim Clinic Coordinator*, Augustana College Center for Communication Disorders
2001-2002 *Research Assistant*, Cognitive Psychology Laboratory
1999-2002 *Lab Manager/Research Assistant*, Communication Sciences and Disorders Laboratory

ACCREDITATION

2005-present Certificate of Clinical Competence, Speech-Language Pathology
2005-2011 Wisconsin Licensure, Speech-Language Pathology
2007-2011 Indiana Licensure, Speech-Language Pathology

INTERESTS

Research: Speech perception in complex/adverse listening environments; auditory cognitive science; acoustic phonetics; psychoacoustics; temporal processing; perceptual learning; cognitive aging.

Teaching: Speech acoustics, perception, and production; speech and hearing science; phonetics; psychoacoustics; auditory and cognitive aging; signal processing and programming; research methods

GRANT FUNDING

**student grants/awards listed under teaching*

Current Projects

Principal investigator, “National Institute of Deafness and other Communication Disorders.” *Maximizing speech recognition under adverse listening conditions*. (R01-DC015465-01; funding period: 7/1/2016-6/30/2021; total costs: \$ 1,563,416). Submitted 10/05/2015. INITIAL SUBMISSION FUNDED.

Mentor, “National Institute of Deafness and other Communication Disorders.” *Interdisciplinary Research Training in Otolaryngology and Communication Sciences*. (T32 DC014435; funding period: 07/01/15-06/30/20). FUNDED.

Research Mentor for Junior Faculty, “Advancing Academic-Research Careers (AARC) Award.” (PI: Kimberly Smith). Submitted 05/15/2016, FUNDED.

Co-Investigator, executive committee member. “UofSC Excellence Initiative.” *Aging Brain Cohort at the University of South Carolina*. Submitted 2019, FUNDED. (PI: J. Fridriksson)

Completed Projects

Principal investigator, “National Institute of Deafness and other Communication Disorders.” *Maximizing speech recognition under adverse listening conditions*. (R03-DC012506; funding period: 7/1/2012-6/30/2015 – no cost extension through 6/30/2016; total costs: \$312,848). Submitted 09/15/2011, INITIAL SUBMISSION FUNDED.

Principal investigator, “Advancing Academic-Research Careers (AARC) Award.” (funding period: 8/15/2012-2/14/2014; total costs: \$5,000). Submitted 05/15/2012, FUNDED.

Principal investigator, “USC ASPIRE-I: Innovation.” *Maximizing speech understanding in noise: Temporal processing of partial auditory information*. (funding period: May 16, 2015-August 15, 2016; total costs: \$15,000). FUNDED.

HONORS AND AWARDS

Professional

ASHA Advancing Academic-Research Careers Award (AARC)	2012
ASHA Award for Continuing Education (ACE)	2014
ASHA Lessons for Success Grant Workshop	2014
Distinguished Undergraduate Research Mentor Award , Univ. of South Carolina	2014
ASHA Grant Review and Reviewer Training	2016
Breakthrough Star Award (for early career research), Univ. of South Carolina	2017
Faculty Research Award , Arnold School of Public Health, Univ. of South Carolina	2017
USC Pipeline for Academic Leaders, selected by Provost for year-long training	2018-2019

Academic

Augustana Research Foundation Student Research Grant	2000
------------------------------------------------------	------

Dr. Donald C. Davis Scholarship (academic and clinical achievement in CSD)	2001
Augustana Research Foundation Student Travel Grants	2001, 2002
Summa Cum Laude, Augustana College	2001
Psychology Honors, Augustana College	2001
ASHA Science and Research Career Forum travel fellowship	2001
Council of Undergraduate Research: Posters on the Hill	2002
Augustana Psychology Research Writing Award	2002
Augustana Psychology Scholarship (academic and research achievement)	2002
Quad Cities Speech-Language-Hearing Association Scholarship	2002
ASHA Research and Higher Education Mentorship Program	2002
Graduate Research Fellowship, Cognitive Science Program, Michigan State University	2003
Vocation of a Lutheran College (ELCA conference), selected by college president	2006
NIH T32 Predoctoral Research Fellowship, Indiana University	2006-2009
College of Arts & Sciences travel grant, Indiana University	2007
ASHA Audiology/Hearing Science Research Travel Award (ARTA)	2008
ASHA Student Research Travel Award (SRTA)	2004, 2009
Aging and Speech Communication Research Conference, student scholarship	2007, 2009

RESEARCH PUBLICATIONS

(underline denotes student/trainee)

Peer-Reviewed Publications

Journal Articles

1. **Fogerty, D.** & Kewley-Port, D. (2009). Perceptual contributions of the consonant-vowel boundary to sentence intelligibility. *Journal of the Acoustical Society of America*, 126, 847-857.
2. **Fogerty, D.**, Humes, L.E. & Kewley-Port, D. (2010). Auditory temporal-order processing of vowel sequences by young and older adults. *Journal of the Acoustical Society of America*, 127, 2509-2520.
3. Humes, L.E., Kewley-Port, D., **Fogerty, D.**, & Kinney, D. (2010). Measures of hearing threshold and temporal processing across the adult lifespan. *Hearing Research*, 264, 30-40.
4. **Fogerty, D.** & Humes, L.E. (2010). Perceptual contributions to monosyllabic word intelligibility: Segmental, lexical, and noise replacement factors. *Journal of the Acoustical Society of America*, 128, 3114-3125.
5. **Fogerty, D.** (2011). Perceptual weighting of individual and concurrent cues for sentence intelligibility: Frequency, envelope, and fine structure. *Journal of the Acoustical Society of America*, 129, 977-988.
6. **Fogerty, D.** (2011). Perceptual weighting of the envelope and fine structure across frequency for sentence intelligibility: Effect of interruption at the syllabic-rate and periodic-rate of speech. *Journal of the Acoustical Society of America*, 130, 489-500.
7. **Fogerty, D.** & Humes, L.E. (2012). The role of vowel and consonant fundamental frequency, envelope, and temporal fine structure cues to the intelligibility of words and sentences. *Journal of the Acoustical Society of America*, 131, 1490-1501.
8. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2012). Asynchronous vowel pair identification across the adult lifespan for monaural and dichotic presentations. *Journal of Speech, Language, and Hearing Research*, 55, 487-499.
9. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2012). Temporal offset judgments for concurrent vowels by young, middle-aged, and older adults. *Journal of the Acoustical Society of America*, 131, EL499-EL505.

10. **Fogerty, D.**, Kewley-Port, D. & Humes, L.E. (2012). The relative importance of consonant and vowel segments to the recognition of words and sentences: Effects of age and hearing loss. *Journal of the Acoustical Society of America*, 132, 1667-1678.
11. **Fogerty, D.** & Humes, L.E. (2012). A correlational method to concurrently measure envelope and temporal fine structure weights: Effects of age, cochlear pathology, and spectral shaping. *Journal of the Acoustical Society of America*, 132, 1679-1689.
12. **Fogerty, D.** (2013). Acoustic predictors of word and sentence intelligibility for consonants and vowels: Temporal envelope, voicing, and duration. *Journal of Speech, Language, and Hearing Research*, 56, 1402-1408.
13. **Fogerty, D.**, Montgomery, A.A., & Crass, K.A. (2014). Effect of initial consonant intensity on the speed of lexical decisions. *Attention, Perception, and Psychophysics*, 76, 852-863.
14. **Fogerty, D.** (2014). Importance of envelope modulations during consonants and vowels in segmentally-interrupted speech. *Journal of the Acoustical Society of America*, 135, 1568-1576.
15. **Fogerty, D.**, Ahlstrom, J.B., Bologna, W.J., & Dubno, J.R. (2015). Sentence intelligibility during segmental interruption and masking by speech-modulated noise: Effects of age and hearing loss. *Journal of the Acoustical Society of America*, 137, 3487-3501.
16. **Fogerty, D.** (2015). Indexical properties influence time-varying amplitude and fundamental frequency contributions of vowels to sentence intelligibility. *Journal of Phonetics*, 52, 89-104.
17. **Fogerty, D.** & Entwistle, J.L. (2015). Level considerations for chimeric processing: Temporal envelope and fine structure contributions to speech intelligibility. *Journal of the Acoustical Society of America*, 138, EL459- EL464.
18. Smith, K.G. & **Fogerty, D.** (2015). Integration of partial information within and across modalities: Contributions to spoken and written sentence recognition. *Journal of Speech, Language, and Hearing Research*, 58, 1805-1817.
19. **Fogerty, D.**, Humes, L.E., & Busey, T.A. (2016). Age-related declines in early sensory memory during the identification of rapid auditory and visual stimulus sequences. *Frontiers in Aging Neuroscience*, 8:90. doi: 10.3389/fnagi.2016.00090
20. Smith, K.G. & **Fogerty, D.** (2016). Integration of partial information for spoken and written sentence recognition by older listeners. *Journal of the Acoustical Society of America*, 139, EL240-EL245.
21. **Fogerty, D.** & Xu, J. (2016). Speech recognition during interference by the temporal and spectral properties of a single competing talker. *Journal of the Acoustical Society of America*, 140, EL197-EL203.
22. **Fogerty, D.**, Ahlstrom, J.B., Bologna, W.J., & Dubno, J.R. (2016). Glimpsing speech in the presence of non-simultaneous amplitude modulations from a competing talker: Effect of modulation rate, age, and hearing loss. *Journal of Speech, Language, and Hearing Research*, 59, 1198-1207.
23. **Fogerty, D.**, Xu, J., Gibbs II, B.E. (2016). Modulation masking and glimpsing of natural and vocoded speech during single-talker modulated noise: Effect of the modulation spectrum. *Journal of the Acoustical Society of America*, 140, 1800-1816.
24. Humes, L.E., Kidd, G.R., & **Fogerty, D.** (2017). Exploring use of the coordinate response measure in a multi-talker babble paradigm. *Journal of Speech, Language, and Hearing Research*, 60, 741-754.
25. **Fogerty, D.**, Bologna, W.J., Ahlstrom, J.B., & Dubno, J.R. (2017). Simultaneous and forward masking of vowels and stop consonants: Effects of age, hearing loss, and spectral shaping. *Journal of the Acoustical Society of America*, 141, 1133-1143.
26. Sharpe, V., **Fogerty, D.**, & den Ouden, D.-B. (2017). The role of fundamental frequency and temporal envelope in processing sentences with temporary syntactic ambiguities. *Language and Speech*, 60, 399-426. First published online: June 8, 2016.
27. Smith, K.G. & **Fogerty, D.** (2017). Speech recognition error patterns for steady-state and interrupted noise. *Journal of the Acoustical Society of America*, 142, EL306-EL312.

28. Basilakos, A., Yourganov, G., den Ouden, D.-B., **Fogerty, D.**, Rorden, C., Feenaughty, L., Fridriksson, J. (2017). A multivariate analytic approach to the differential diagnosis of apraxia of speech. *Journal of Speech, Language, and Hearing Research*, 60, 3378-3392.
29. **Fogerty, D.**, Carter, B., & Healy, E.W. (2018). Glimpsing speech in gated and checkerboard noise. *Journal of the Acoustical Society of America*, 143, 3047-3057.
30. Miller, R.E., Gibbs II, B.E., **Fogerty, D.** (2018). Glimpsing speech interrupted by amplitude modulated noise. *Journal of the Acoustical Society of America*, 143, 3058-3067.
31. Gibbs II, B.E. & **Fogerty, D.** (2018). Explaining intelligibility in speech-modulated maskers using acoustic glimpse analysis. *Journal of the Acoustical Society of America*, 143, EL449-EL455.
32. Shafiro, V., **Fogerty, D.**, Smith, K., & Sheft, S. (2018). Perceptual organization of interrupted speech and text. *Journal of Speech, Language, and Hearing Research*, 61, 2578-2588.

Peer-reviewed Conference Articles

(Full peer review is on the submitted full length article prior to acceptance at professional meetings)

33. Kewley-Port, D., Humes, L.E., & **Fogerty, D.** (2010). Changes in temporal processing of speech across the adult lifespan. In *INTERSPEECH*, 1237-1240.
34. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2012). Judging temporal onset differences for concurrent vowels: Results for young, middle-aged, and older adults. In *INTERSPEECH*, 2498-2501.
35. **Fogerty, D.** and Chen, F. (2014). Vowel spectral contributions to English and Mandarin sentence intelligibility. In *INTERSPEECH*, 499-503.
36. **Fogerty, D.** & Chen, F. (2016). Vowel fundamental and formant frequency contributions to English and Mandarin sentence intelligibility. In *INTERSPEECH*, 1382-1386.
37. Chen, F. & **Fogerty, D.** (2016). Factors affecting the intelligibility of sine-wave speech. In *INTERSPEECH*, 1692-1695.
38. Gibbs II, B.E. & **Fogerty, D.** (2016). Glimpsing predictions for natural and vocoded sentence intelligibility during modulation masking: Effect of the glimpse cutoff criterion. In *INTERSPEECH*, 1677-1681.
39. Alghamdi, A., Chan, W.-Y., & **Fogerty, D.** (2018). Using acoustic parameters for intelligibility prediction of reverberant speech. *Proceedings of the 26th European Signal Processing Conference (EUSIPCO)*, 2534-2538.
40. **Fogerty, D.** (2019). The Perceptual Contribution of Consonants and Vowels to Sentence Recognition: Effect of Dialect Variation in American English. *Proceedings of the International Congress of Phonetic Sciences (ICPhS)*, 3240-3244.
41. Edraki, A., Chan, W.-Y., Jensen, J. & **Fogerty, D.** (2019). Improvement and assessment of spectro-temporal modulation analysis for speech intelligibility estimation. In *INTERSPEECH*, 1378-1382.

Editor-Reviewed Conference Articles

(Full length articles originate from accepted presentations at professional meetings)

1. **Fogerty, D.** & Kewley-Port, D. (2008). Investigating the consonant-vowel boundary: Perceptual contributions to sentence intelligibility. *Proceedings of Meetings on Acoustics, Vol. 2*, New Orleans, LA.
2. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2010). Identification of asynchronous monaural and dichotic vowel pairs across the adult lifespan. *Proceedings of Meetings on Acoustics, Vol. 8*, San Antonio, TX.
3. **Fogerty, D.** (2012). Importance of sentence-level and phoneme-level envelope modulations during vowels in interrupted speech. *Proceedings of Meetings on Acoustics, Vol. 18*, Kansas City, MO.
4. **Fogerty, D.** & Humes, L.E. (2013). Serial order recall for rapid auditory presentations of vowel sequences: The effect of age. *Proceedings of Meetings on Acoustics, Vol. 19*, Montreal, Canada.

5. Sharpe, V.P., Den Ouden, D. B., & **Fogerty, D.** (2014). The role of fundamental frequency and temporal envelope in processing sentences with temporary syntactic ambiguities. *Proceedings of Meetings on Acoustics, Vol. 21*, Providence, RI.

Theses

1. **Fogerty, D.** (2001). *Literal activation during the temporal processing of metaphors*. Undergraduate honors thesis, Augustana College, IL.
2. **Fogerty, D.** (2004). *Statistical speech segmentation: A neuropsychological investigation of auditory object formation*. Master's thesis, Michigan State University, MI.
3. **Fogerty, D.** (2010). *Perceptual weighting of the envelope and fine structure across frequency bands in continuous and interrupted speech*. Doctoral dissertation, Indiana University, IN.

Works in Progress

1. **Fogerty, D.**, Sevich, V.A. & Healy, E.W. (in prep). Regularity and coherence enhance the spectro-temporal glimpsing of speech. [final edits]
2. Madorskiy, R.E., **Fogerty, D.**, & Dubno, J.R. (in prep). High-frequency spectral amplification enhances glimpsing speech in noise for young normal-hearing adults. [final edits]
3. Madorskiy, R.E., Iftikhar, I., & **Fogerty, D.** (in prep). Multimodal perception of interrupted speech and text. [final manuscript edits]
4. **Fogerty, D.**, Madorskiy, R.E., & Shafiro, V. (in prep). Unimodal and multimodal perceptual organization of interrupted speech and text for older adults. [drafting manuscript]
5. **Fogerty, D.**, & Chan, W.-Y. (in prep). The effect of reverberant acoustic parameters on the intelligibility and quality of monosyllabic words and sentences. [drafting manuscript]

RESEARCH PRESENTATIONS

Invited Conference Presentations

1. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2011). *The relative importance of vowel and consonant segments in speech: Implications for aging*. Invited presentation at the 2011 Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
2. **Fogerty, D.** (2014). Understanding speech from partial information: The roles of consonants and vowels. *J. Acoust. Soc. Am.*, 136, 2211. Invited presentation to the special session on *Vowels = Space + Time and Beyond: Session in Honor of Diane Kewley-Port* at the 168th Meeting of the Acoustical Society of America, Indianapolis, IN.
3. **Fogerty, D.** (2015). Contributions of the temporal envelope in adverse listening conditions. *J. Acoust. Soc. Am.*, 137, 2271. Invited presentation to the special session on *Characteristic Spectral and Temporal Patterns in Speech Signals* at the 169th Meeting of the Acoustical Society of America, Pittsburgh, PA.
4. **Fogerty, D.** (2016). The contribution of amplitude modulations from speech and competing noise sources for speech recognition. Invited presentation to the special session on *Lessons from Interrupted Speech: Methods and Models* at the 171st Meeting of the Acoustical Society of America, Salt Lake City, UT.
5. Kewley-Port, D. & **Fogerty, D.** (2016). Vowel dynamics and sentence processing. Invited presentation to the special session on *Double-Weak Theory of Speech Production and Perception: A Session in Honor of Terrance Nearey* at the 5th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.

Contributed Presentations & Published Abstracts

6. King, J. & **Fogerty, D.** (2001). *Developmental apraxia of speech: A case study*. Paper presented at the Illinois Speech-Language-Hearing Association Convention, Chicago, IL.
7. **Fogerty, D.** (2001). *Literal inhibition of metaphors in context*. Poster presented at the Tri-State Undergraduate Psychology Conference, Rock Island, IL.
8. **Fogerty, D.** (2001). *Conceptual processing of metaphors in context: Alternate processing effects*. Poster presented at the American Speech-Language-Hearing Association Convention and Science and Research Career Forum, New Orleans, LA.
9. **Fogerty, D.** (2002). *Literal activation during the temporal processing of metaphors*. Poster presented at the Council of Undergraduate Research: Posters on the Hill, Washington, DC.
10. **Fogerty, D.** & Marler, J. (2004). *Statistical speech segmentation: Forming the acoustical structure of words*. Paper presented at the American Speech-Language-Hearing Association Convention, Philadelphia, PA.
11. Kewley-Port, D., Humes, L., & **Fogerty, D.** (2007). Identification of brief vowel sequences by young and elderly listeners. *J. Acoust. Soc. Am*, 121, 3188. Poster presented at the 153rd Meeting of the Acoustical Society of America, Salt Lake City, UT.
12. **Fogerty, D.** & Kewley-Port, D. (2007). Investigating the consonant-vowel boundary: Perceptual contributions to sentence intelligibility. *J. Acoust. Soc. Am*, 122, 2972. Poster presented at the 154th Meeting of the Acoustical Society of America, New Orleans, LA.
13. **Fogerty, D.**, Kewley-Port, D., & Humes, L. (2007). *Monaural and dichotic identification of brief vowel sequences by young and elderly listeners*. Poster presented at the 2007 Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
14. Kewley-Port, D., Humes, L., **Fogerty, D.**, & Kinney, D. (2008). Performance on auditory temporal-processing tasks for speech and non-speech stimuli by young and elderly listeners. *J. Acoust. Soc. Am*, 123, 3716. Poster presented at the 155th Meeting of the Acoustical Society of America, Paris, France.
15. **Fogerty, D.** & Kewley-Port, D. (2008). Investigating the consonant-vowel boundary II: Perceptual contributions of glimpse windows. *J. Acoust. Soc. Am*, 124, 2439. Poster presented at the 156th Meeting of the Acoustical Society of America, Miami, FL.
16. **Fogerty, D.** (2008). Acoustic discrimination and categorization of formant dynamics for novel and familiar stimuli. *J. Acoust. Soc. Am*, 124, 2455. Poster presented at the 156th Meeting of the Acoustical Society of America, Miami, FL.
17. **Fogerty, D.**, Humes, L. & Kewley-Port, D. (2009). Effects of several variables on auditory temporal-order perception by young and older adults. *J. Acoust. Soc. Am*, 125, 2722. Poster presented at the 157th Meeting of the Acoustical Society of America, Portland, OR.
18. **Fogerty, D.**, Kewley-Port, D., & Humes, L. (2009). Identification of asynchronous monaural and dichotic vowel pairs across the adult lifespan. *J. Acoust. Soc. Am*, 126, 2301. Poster presented at the 158th Meeting of the Acoustical Society of America, San Antonio, TX.
19. **Fogerty, D.**, Kewley-Port, D., & Humes, L. (2009). *Temporal masking of brief vowels with noise and vowel-pattern maskers: Performance across the adult lifespan*. Poster presented at the 2009 Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
20. **Fogerty, D.** & Humes, L.E. (2009). *Segmental contributions to the perceptual intelligibility of monosyllabic words*. Poster presented at the American Speech-Language-Hearing Association Convention, New Orleans, LA.
21. Humes, L.E., Kinney, D., **Fogerty, D.**, & Kewley-Port, D. (2010). *Learning effects for temporal-order identification of vowel sequences in young, middle-aged, and older adults*. Poster presented at the Academy Research Conference of Audiology Now!, San Diego, CA.

22. Kewley-Port, D., Humes, L.E., & **Fogerty, D.** (2010). *Changes in temporal processing of speech across the adult lifespan*. Poster presented at Interspeech 2010, Makuhari, Japan. (acceptance rate: 58%)
23. **Fogerty, D.** & Humes, L.E. (2011). *Context matters: The relative contribution of acoustic cues is different for sentences than for words*. Poster presented at the First International Conference on Cognitive Hearing Science for Communication, Linköping, Sweden.
24. **Fogerty, D.** & Humes, L.E. (2011). Envelope and temporal fine structure perceptual weights for sentences: Effect of age, hearing loss, and amplification. *J. Acoust. Soc. Am*, 130, 2448. Poster presented at the 162nd Meeting of the Acoustical Society of America, San Diego, CA.
25. Cohn, B., Goldberg, R., Crass, K., **Fogerty, D.**, & Montgomery, A. (2012). *The effect of initial consonant intensity on lexical decision speed*. Poster presented at the South Carolina Speech-Language-Hearing Association Convention, Myrtle Beach, SC.
26. **Fogerty, D.** (2012). Importance of sentence-level and phoneme-level envelope modulations during vowels in interrupted speech. *J. Acoust. Soc. Am*, 132, 1967. Poster presented at the 164nd Meeting of the Acoustical Society of America, Kansas City, MO.
27. **Fogerty, D.**, Kewley-Port, D., & Humes, L.E. (2012). *Judging temporal onset differences for concurrent vowels: Results for young, middle-aged, and older adults*. Paper presented at Interspeech 2012, Portland, OR. (acceptance rate: 52%; 18% for paper presentations).
28. Fillmore, P., Magnúsdóttir, S., Thors, H., Hanayik, T., Smith, K.G., **Fogerty, D.**, & Fridriksson, J. (2012). *Relating spectral and temporal task performance to degraded sentence comprehension in chronic stroke*. Neurobiology of Language Conference, San Sebastian, Spain.
29. **Fogerty, D.**, Montgomery, A.A., & Crass, K.A. (2012). *Effect of the consonant-vowel intensity ratio on lexical decision speed*. Poster presented at the American Speech-Language-Hearing Association Convention, Atlanta, GA.
30. **Fogerty, D.** (2012). *Duration, temporal envelope, and voicing predictors of interrupted speech intelligibility*. Poster presented at the American Speech-Language-Hearing Association Convention, Atlanta, GA.
31. **Fogerty, D.** (2013). *Cochlear implants and aging: Processing the temporal cues of speech*. Paper presentation to the South Carolina Speech-Language-Hearing Association, Columbia, SC. (**Featured Speaker**)
32. **Fogerty, D.** & Humes, L.E. (2013). Serial order recall for rapid auditory presentations of vowel sequences: The effect of age. *J. Acoust. Soc. Am*, 133, 3335. Poster presented to the joint meeting of the International Congress on Acoustics and the Acoustical Society of America, Montreal, Canada.
33. Fillmore, P., Magnúsdóttir, S., Thors, H., Hanayik, T., **Fogerty, D.**, Fridriksson, J. (2013). Relating auditory perceptual abilities to degraded sentence comprehension in chronic stroke. *J. Cognitive Neurosci.* (pp. 56). Presented to the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
34. **Fogerty, D.**, Ahlstrom, J.B., Bologna, W.J., & Dubno, J.R. (2013). *Modulated-noise masking of continuous and segmentally interrupted sentences*. Poster presented to the 2013 Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
35. Fillmore, P., **Fogerty, D.**, Thors, H., Hanayik, T. & Fridriksson, J. (2013). *Relating spectral and temporal discrimination abilities to degraded sentence comprehension in chronic stroke*. Poster presented to the 2013 Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
36. Smith, K.G. & **Fogerty, D.** (2013). *Speech intelligibility for print scanning and tablet text-to-speech technology*. Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.

37. Ashley, C., Low, A., & Fogerty, D. (2013). *Effect of vowel fundamental frequency and temporal envelope on the intelligibility of interrupted sentences*. Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.
38. Xu, J. & Fogerty, D. (2013). *Examination of temporal envelope and fine structure contributions during speech-on-speech masking*. Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.
39. Hood, M. & Fogerty, D. (2013). *The contribution of envelope and fine structure cues to speech intelligibility under adverse listening conditions*. Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.
40. Purohit, P. & Fogerty, D. (2013). *Examining masking release for lexically easy and hard vocoded words*. Poster presented at the American Speech-Language-Hearing Association Convention, Chicago, IL.
41. Turbeville, C., Ashley, C., & Fogerty, D. (2014). *The relationship between cognitive performance and sentence recognition tasks*. Poster presented to the South Carolina Speech-Language-Hearing Association Convention, Charleston, SC.
42. **Fogerty, D.** & Chen, F. (2014). *Vowel spectral contributions to English and Mandarin sentence intelligibility*. Poster presented at Interspeech 2014, Singapore. (acceptance rate: 52%).
43. **Fogerty, D.**, Ahlstrom, J.B., Bologna, W.J., & Dubno, J.R. (2014). Sentence intelligibility during segmental interruption and masking by speech-modulated noise. *J. Acoust. Soc. Am*, 135, 2227. Poster presented at the 167th Meeting of the Acoustical Society of America, Providence, RI.
44. Bologna, W.J., **Fogerty, D.**, Ahlstrom, J.B., & Dubno, J.R. (2014). Recovery from forward masking of vowels and consonants: Effects of age and hearing loss. *J. Acoust. Soc. Am*, 135, 2411. Poster presented at the 167th Meeting of the Acoustical Society of America, Providence, RI.
45. Sharpe, T., den Ouden, D.-B., & **Fogerty, D.** (2014). The role of acoustics in processing syntactically ambiguous sentences. *J. Acoust. Soc. Am*, 135, 2424. Poster presented at the 167th Meeting of the Acoustical Society of America, Providence, RI.
46. Smith, K.G. & Fogerty, D. (2014). *Integration of interrupted speech and text: Performance in single and dual modality*. Poster presented at the American Speech-Language-Hearing Association Convention, Orlando, FL. (**Awarded Meritorious Poster in Hearing Science**)
47. Hudspeth, S.G., Richardson, J., **Fogerty, D.** (2014). *Effects of frequency, competition, and noise on spoken word recognition for young and old adults*. Poster presented at the American Speech-Language-Hearing Association Convention, Orlando, FL.
48. **Fogerty, D.**, Ahlstrom, J.B., Bologna, W.J., & Dubno, J.R. (2015). Segmental interference by the masker modulation spectrum in sentences: Effects of age and hearing loss. *J. Acoust. Soc. Am*, 137, 2435. Poster presented at the 169th Meeting of the Acoustical Society of America, Pittsburgh, PA.
49. Smith, K.G. & Fogerty, D. (2015). *Integration of partial speech and text information for sentence recognition: Implications for aging*. Poster presented at the Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
50. **Fogerty, D.** (2015). *Younger and older perceptual weights for temporal envelope and fine structure components across noise types*. Paper presented at the Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN. (**Featured podium presentation**)
51. Babb, S., Adlof, S.A., & Fogerty, D. (2015). *Encoding vs. retrieval in nonword repetition tasks: comparing children with SLI-only, children with SLI and dyslexia, typically developing children, and adults*. Poster presented at the Institute for Mind and Brain Conference, University of South Carolina, Columbia, SC.
52. Babb, S., Adlof, S.A., & Fogerty, D. (2015). *Encoding vs. retrieval in nonword repetition tasks: comparing children with SLI-only, children with SLI and dyslexia, typically developing children, and*

- adults*. Poster presented at the 40th annual Boston University Conference on Language Development, Boston, MA. (5 reviewers, 38% acceptance rate).
53. Fogerty, J. & **Fogerty, D.** (2016). *The use of music and sign to support early word learning: A feasibility case study*. Poster presented at the Great Lakes Region conference for the American Music Therapy Association, Indianapolis, IN.
 54. Basilakos, A., Bonilha, L., Yourganov, G., Rorden, C., Feenaughty, L., den Ouden, D.-B., **Fogerty, D.**, & Fridriksson, J. (2016). *Using acoustic measures to refine the differential diagnosis of apraxia of speech: a behavioral and multimodality neuroimaging study*. Presentation to the Society for the Neurobiology of Language, London, England.
 55. **Fogerty, D.** & Chen, F. (2016). *Vowel fundamental and formant frequency contributions to English and Mandarin sentence intelligibility*. Poster presented at Interspeech 2016, San Francisco, CA. (acceptance rate: 50%).
 56. Chen, F. & **Fogerty, D.** (2016). *Factors affecting the intelligibility of sine-wave speech*. Paper presented at Interspeech 2016, San Francisco, CA. (acceptance rate: 50%; 23% for paper presentations).
 57. Gibbs II, B.E. & **Fogerty, D.** (2016). *Glimpsing predictions for natural and vocoded sentence intelligibility during modulation masking: Effect of the glimpse cutoff criterion*. Paper presented at Interspeech 2016, San Francisco, CA. (acceptance rate: 50%; 23% for paper presentations).
 58. Gibbs II, B.E. & **Fogerty, D.** (2016). *Optimizing the analysis of speech glimpses in noise*. Poster presented at the Institute for Mind and Brain Conference, University of South Carolina, Columbia, SC.
 59. Miller, R. & **Fogerty, D.** (2016). *Effect of attention and pitch cues to the perceptual segregation of multiple talkers*. Poster presented at the Institute for Mind and Brain Conference, University of South Carolina, Columbia, SC.
 60. Reed, P., Montgomery, A., **Fogerty, D.** & Adams, C. (2016). *The perception of speech rate for time manipulated and vocoded sentences*. Poster presented to the 5th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.
 61. Miller, R. & **Fogerty, D.** (2017). *Musicians' and Non-Musicians' Performance on Music Perception and Auditory Working Memory Tasks*. Poster presented at the South Carolina Music Educators Association 2017 Professional Development Conference.
 62. Basilakos, A., Sutherland-Foggio, H., Demsky, C., Wright, A., Saxena, S., Tippet, D., **Fogerty, D.**, & Hillis, A. (2017). *What Makes Right Hemisphere Stroke Patients Sound Emotionless?* Poster presentation to the American Academy of Neurology 69th Annual Meeting, Boston, MA.
 63. Basilakos, A., Hillis, A., **Fogerty, D.**, Wright, A., Sutherland-Foggio, H. & Fridriksson, J. (2017). *Characterizing prosody in apraxia of speech and right hemisphere stroke*. Presentation to the Clinical Aphasiology Conference, Snowbird, UT.
 64. Miller, R. & **Fogerty, D.** (2017). *Explicit and implicit memory in speech perception and the effect of music training*. Poster presented to the International Symposium on Musical Acoustics, Montreal, Canada.
 65. Shafiro, V., **Fogerty, D.**, & Smith, K. (2017). *Consistency and variation in recognition of text and speech interrupted at variable rates*. Presentation to the Meeting of the Acoustical Society of America, Boston, MA.
 66. **Fogerty, D.**, Fridriksson, J., Miller, R., Basilakos, A., Rorden, C., & Bonilha, L. (2017). *Investigating brain stimulation during amplitude modulation detection: A pilot study*. Poster presented to the Meeting of the Acoustical Society of America, Boston, MA.
 67. Gibbs II, B.E. & **Fogerty, D.** (2017). *The independent contribution of glimpse properties to speech recognition in speech-modulated noise*. Poster presented to the Meeting of the Acoustical Society of America, Boston, MA.

68. Miller, R., Gibbs II, B.E. & Fogerty, D. (2017). *The intelligibility of glimpsed speech: Effect of competing amplitude modulation*. Poster presented to the Meeting of the Acoustical Society of America, Boston, MA.
69. Hendricks, A.E., **Fogerty, D.**, Adlof, S., Wade-Woolley, L. (2017). *Prosody and nonword repetition in children with language and reading disorders*. Paper presented to the Annual Meeting of the Society for the Scientific Study of Reading, Halifax, Nova Scotia, Canada.
70. Miller, R., Shafiro, V., Smith, K., Fogerty, D. (2017). *Recognition of text and speech interrupted at variable rates by younger and older adults*. Paper presented to the Aging and Speech Communication: An International and Interdisciplinary Research Conference, Tampa, FL.
71. Miller, R. & Fogerty, D. (2018). *Assessing cognitive and perceptual abilities by manipulating task requirements when listening to speech in noise*. Poster presented to the Meeting of the Acoustical Society of America, Minneapolis, MN.
72. Miller, R. & Fogerty, D. (2018). *Multimodal perception of interrupted speech and text by younger and older adults*. Poster presented to the Meeting of the Acoustical Society of America, Minneapolis, MN.
73. Alghamdi, A., Chan, W.-Y., & **Fogerty, D.** (2018). *Predicting intelligibility of reverberant speech using room acoustic parameters*. Paper presented to the European Signal Processing Conference, Rome, Italy.
74. Miller, R., Strickland, C. & Fogerty, D. (2018). *Multimodal recognition of interrupted speech: Benefit from text and visual speech cues*. Poster presented to the Meeting of the Acoustical Society of America, Victoria, Canada.
75. Smith, K.G., Short, R., & **Fogerty, D.** (2018). *Effects of stimulus presentation timing on degraded multimodal sentence recognition*. Poster presented to the American Speech-Language-Hearing Association Convention, Boston, MA.
76. **Fogerty, D.**, Miller, R.E., Ahlstrom, J.B. & Dubno, J.R. (2019). *Examining use of context in sentences: The recruitment of perceptual and cognitive-linguistic abilities in younger and older adults*. Poster presented to the Meeting of the Acoustical Society of America, Louisville, KY.
77. **Fogerty, D.**, Miller, R.E., Ahlstrom, J.B. & Dubno, J.R. (2019). *Sentence recognition in speech-modulated noise varied by modulation rate and modulation depth: Effects of age and hearing loss*. Poster presented to the Meeting of the Acoustical Society of America, Louisville, KY.
78. **Fogerty, D.** (2019). *The perceptual contribution of consonants and vowels to sentence recognition: Effect of dialect variation in American English*. Poster presented to the International Congress of Phonetic Sciences, Melbourne, Australia.
79. Ehrhorn, A., Adlof, S., & **Fogerty, D.** (2019). *Effect of phoneme variability on audio and audiovisual nonword repetition by children with language or reading impairment*. Poster presented to the Society for the Scientific Study of Reading, Newport Beach, CA.
80. Edraki, A., Chan, W.-Y., Jensen, J. & **Fogerty, D.** (2019). *Improvement and assessment of spectro-temporal modulation analysis for speech intelligibility estimation*. Paper presented to INTERSPEECH 2019, Graz, Austria.

Invited Workshops and Colloquia (not peer-reviewed)

1. **Fogerty, D.** & Kewley-Port, D. (2008). *Perceptual contributions across the consonant-vowel boundary*. Invited presentation to the Workshop on Speech Perception in Normal and Hearing-Impaired Subjects, Beckman Institute, University of Illinois at Urbana-Champaign, IL.
2. **Fogerty, D.** (2010). *Restaurants, cell phones, and cochlear implants: Perceptual weighting of speech glimpses*. Invited presentation to Department of Communication Disorders, St. Ambrose University, IA.

3. **Fogerty, D.** (2010). *Perceptual weighting of the envelope and fine structure across frequency bands in continuous and interrupted speech*. Invited presentation to the Speech Research Laboratory, Indiana University, IN.
4. **Fogerty, D.** (2010). *Restaurants, cell phones, and cochlear implants: Perceptual weighting of speech glimpses*. Invited presentation to the Communication Disorders Program, University of Connecticut, CT.
5. **Fogerty, D.** (2010). *Restaurants, cell phones, and cochlear implants: Perceptual weighting of speech glimpses*. Invited presentation to the Department of Psychology, University of Louisville, KY.
6. **Fogerty, D.** (2011). *Restaurants, cell phones, and cochlear implants: Perceptual weighting of speech glimpses*. Invited presentation to the Department of Communication Sciences and Disorders, University of South Carolina, SC.
7. **Fogerty, D.** (2011). *Restaurants, cell phones, and cochlear implants: Perceptual weighting of speech glimpses*. Invited presentation to the Intercampus Program in Communicative Disorders, University of Kansas, KS.
8. **Fogerty, D.** (2011). *Differential contributions of consonants and vowels to spoken word recognition: Implications of aging*. Invited presentation to the Linguistics Colloquium Series, University of South Carolina, SC.
9. **Fogerty, D.** (2011). *Glimpsing speech: Perceptual weighting of spectral and temporal components*. Invited presentation to the Hearing Science Interest Group, Medical University of South Carolina, SC.
10. **Fogerty, D.** (2013). *Investigating the intelligibility of segmentally interrupted sentences*. Invited presentation to the Hearing Science Interest Group, Medical University of South Carolina, SC.
11. **Fogerty, D.** (2013). *Intelligibility of PRESTO sentences in different noise backgrounds: Relationship with cognitive and perceptual factors*. Invited presentation to the PRESTO Workshop, Indiana University, Bloomington, IN.
12. **Fogerty, D.** (2014). *Understanding speech from partial information: A review of the data on segmental contributions*. Invited presentation to Hard Data Café, Department of Psychology, University of South Carolina, SC.
13. **Fogerty, D.** (2014). *Identifying rapid auditory and visual sequences: Effects of aging, memory, and temporal processing ability*. Invited presentation to Hard Data Café, Department of Psychology, University of South Carolina, SC.
14. Shafiro, V., **Fogerty, D.**, Smith, K., & Sheft, S. (2017). *Glimpsing perceptual structure of interrupted speech from interrupted text*. Invited presentation to Ear Day, Department of Communication Disorders & Sciences Rush University and Chicago Chapter of the Acoustical Society of America Rush University, IL.
15. **Fogerty, D.** (2018). *Multimodal perception of interrupted speech and text*. Invited presentation to Ear Day, Department of Communication Disorders & Sciences Rush University and Chicago Chapter of the Acoustical Society of America Rush University, IL.
16. **Fogerty, D.** (2019). *Maximizing speech recognition in adverse listening conditions...it's about time*. Invited presentation to the Boston University Hearing Research Center seminar series, Boston, MA.
17. **Fogerty, D.** (2019). *Emerging clinical applications of temporal speech analysis: "Mastering" a clinical future*. Invited presentation at the CSD groundbreaking celebration, Augustana College, Rock Island, IL.

TEACHING**Courses Taught***Indiana University*

Mathematical Foundations of Speech and Hearing (S319/S519)	2007
Unit: <i>Voice Quality Analysis and Random Processes</i>	
Mathematical Foundations of Speech and Hearing (S319/S519)	2009, 2010
Acoustics for Speech & Hearing Sciences (S302/S515)	2008, 2009
Units: <i>Intensity Measurement, Acoustic Phonetics</i>	

University of South Carolina

Introduction to Speech Science and Acoustic Measurement (COMD 504)	2012-19
Introduction to Speech Science and Acoustic Measurement (COMD J504 – distance)	2012
Advanced Hearing Science (COMD 821) -alternate years	2012-19
Advanced Speech Science (COMD 820) -alternate years	2013-18
Advanced Topics in Speech-Language Pathology (COMD 801)	
Topics: <i>Speech Understanding in Older Adults</i>	2013
<i>Complex Auditory Perception of Music and Speech</i>	2016
<i>Scholarly Writing in Speech and Hearing Science</i>	2017
<i>Directed Teaching in Communication Sciences & Disorders</i>	2017
Seminar in Speech Pathology (COMD 800): <i>Digital Signal Processing in MATLAB</i>	2018
Selected Topics in Speech Pathology (COMD 710): <i>Readings in Speech Perception</i>	2018
Directed Study in Speech Pathology (COMD 708)	2014
HNRS: Undergraduate Research (SCHC 497)	2015
Undergraduate Research (CHEM 496) – research mentor	2016
Proseminar: Project Planning (SCHC 390Z)	2013, 2014
Senior Thesis/Project (SCHC 499)	2013-15, 17-19
Independent Study (EXSC 499): <i>Research in entrainment and speech science</i>	2018

Instructional Materials and Presentations

- Speech and Hearing Science: Basics.* (2001). [Computer Software]. Unpublished software, Augustana College, Rock Island, IL.
- Child Development Video Demonstrations.* (2002). [Computer Software]. Unpublished software, Augustana College, Rock Island, IL.
- Fogerty, D. (2009). *Meta-cognitive study strategies.* The effective student workshop, Incoming Freshman Student Seminar, Indiana University.
- Fogerty, D. (2012). *Summary sheets in speech science.* Unpublished tutorial and workbook, University of South Carolina.

Research Supervision and Mentorship*Pre-tenure Junior Faculty Mentor*

Jessica Klusek, University of South Carolina, Department mentor	2016-present
Kimberly Smith, University of South Alabama, ASHA AARC Research mentor	2016-2018

Postdoctoral Mentorship

Bobby E. Gibbs, II, mentor	2015-2018
Alexandra Basilakos, T32 mentorship committee member	2017-2018

PhD Dissertation Committee

Kimberly Smith, member (COMD)	2014-2015
Alexandra Basilakos, member (COMD)	2015-2016
Helga Thors, member (COMD)	2018-2019
Rachel Miller, director (COMD)	2018-2019

PhD Comprehensive Examination Committee

Emily Garnett, member (COMD)	2013
Kimberly Smith, exam chair (COMD)	2014
Burcu Gokgoz Kurt, member (LING)	2015
Helga Thors, exam chair (COMD)	2016
Rachel Miller, mentor (COMD)	2018
Gabriella Reynolds, member (COMD)	2019
Sigfus Kristinsson, member (COMD)	2019

PhD Independent Research Project Supervision

Kimberly Smith: Integration of interrupted speech and text: Performance in single and dual modality	2014-2015
Svetlana Maljutina: The effect of flattened fundamental frequency on perceived speech rate	2014
Helga Thors: Reliability of measures in short psychophysical assessments of auditory and speech perception: A pilot study	2014
Victoria Henbest: Amplitude modulation and perception of bi-morphemic words	2015-2016
Rachel Miller: Effect of amplitude modulation during interrupted speech	2016

Masters Thesis Committee

Rachel Short, member (Univ. South Alabama, Dept. Speech Pathology & Audiology) 2019-present

MSP Research Advisor

Britton Cohn; Robin Goldberg	2011
Adrienne Low ¹	2012-2013
Carolyn Turbeville ² ; Catherine Ashley	2012-2014
Carson Holstein; Lynsey Kolo; Hilary Hammock; Nicole Owen; Julia Porter	2013-2015
Jenine Entwistle ³ ; Valerie Swager; Marybeth Burgess	2014-2016
Mary Lee Kennedy; Phillip Levkoff; Megan Hayes	2015-2017
Elizabeth McDonald; Elizabeth Winn; Stephanie Schank	2017-2018
Caralee Stewart; Allison Stratton; Lauren Sudduth	2017-2019
Blair Elliott; Rachel Farris	2019-present

¹awarded 2013 MSP Outstanding Student for the graduating class (COMD)

²awarded 2014 Jennifer Mungo Student of the Year Award (SCSHA)

³awarded 2015 Webber Scholarship (COMD)

Undergraduate Honors Thesis Director

Michael Hood, *Speech properties predicting cochlear implant performance* (2013-2014)

Jiaqian “Jane” Xu, *The effect of altering masker modulation rate on masking release in natural and vocoded speech* (2014-2015)

Irraj Iftikar, *The perceptual processing of degraded sentences: interrupted speech and text* (2017)

Anjali Amalean, *Melody contour discrimination with cochlear implant simulation* (2017-2018)

Jared Laymon, *The relationship between speech entrainment, motor entrainment, and speech recognition: A pilot study* (2018-2019)

Courtney Strickland, *Multimodal recognition of interrupted speech: Benefit from text and visual speech cues* (2018-2019)

Elise Becker, *Improving sensitivity of the digits-in-noise test using antiphase stimuli*. (External advisor: Dr. David Moore)

Undergraduate Research (Co)Advisor

Michael Hood	2012-2014	Scott Capece	2016-2017
Victoria Sharpe	2012-2014	Anjali Amalean	2016-2018
Jiaqian “Jane” Xu	2012-2015	Ceylin Ucek	2017
Priya Purohit	2012-2015	Sophia Bertrand	2017
Spencer Babb	2013-2014	Jared Laymon	2017-2019
Hussain Mirza	2015	Molly Beman	2017-2018
Irraj Iftikar	2015-2017	Courtney Wright	2018
Courtney Strickland	2015-2019	Briemma Wilson	2018-2019
Bushra Islam	2016	Hannah “Blythe” Vickery	2018

Baccalaureus Artium et Scientiae (BARSC)

Keiko Bridwell, advising committee member 2014-2017

Speech, Modeling, and Acoustic Research Training (SMART) Summer Program (PI: D. Fogerty)

Carson Holstein, research mentor	2013
Christopher Molten, research mentor	2013
Priya Purohit, research mentor	2013

Student Research Grants & Awards (over \$70,000 total in student awards)

Council of Academic Programs in Communication Sciences Scholarship

Rachel Miller, *The effect of spectral shaping on perceptual, acoustic, and listening effort measurements in young normal hearing adults* (\$20,000) 2019

Exploration/SURF Programs, Univ. of South Carolina Honors College (up to \$3000 for research)

Priya Purohit ¹ , biomedical engineering	2012-2013
Michael Hood ¹ , BARSC (biomedical engineering, music, and psychology)	2012-2013
Jiaqian “Jane” Xu ¹ , biology and pre-medicine	2012-2013
Victoria Sharpe, psychology (co-mentored with Dirk den Ouden)	2013-2014
Irraj Iftikar ¹ , biological sciences and experimental psychology	2015-2016
Courtney Strickland ¹ , Biochemistry and Molecular Biology	2016-2017
Anjali Amalean ¹ , Biochemistry and Molecular Biology	2016-2017
Molly Beman, Psychology, Leadership Studies, Business	2017
Ceylin Ucek, Chemistry	2017-2018
Hannah “Blythe” Vickery, Education	2018

¹awarded Journeyman Exploration Grant for project extension (*project total up to \$4500*)

Magellan Scholar Program, University of South Carolina (up to \$3000 in research funding)

Victoria Sharpe (co-mentored with Dirk den Ouden), <i>The effect of fundamental frequency and the temporal envelope on garden path processing</i>	2012-2013
Michael Hood, <i>Speech properties predicting cochlear implant performance</i>	2013-2014
Spencer Babb (co-mentored with Suzanne Adlof), <i>Nonword repetition</i>	2013-2014

- Jiaqian “Jane” Xu, *Examination of temporal envelope & fine structure contributions during speech-on-speech masking* 2014-2015
- Anjali Amalean, *Melody Contour Discrimination with Cochlear Implant Simulation* 2018
- Courtney Strickland, *Multimodal recognition of interrupted speech: Benefit from text and visual speech cues* 2019

Magellan Apprentice Award, University of South Carolina (up to \$1000 in research funding)
Sophia Bertrand, (co-mentored with Jace Wolfe, AuD, PhD). 2017

Magellan Mini-Grant, University of South Carolina (up to \$460 in research travel funding)
Sophia Bertrand, (co-mentored with Jace Wolfe, AuD, PhD). 2017

Scholarly Research Travel Program, University of South Carolina (up to \$1000)
Priya Purohit; Jiaqian “Jane” Xu 2013
Courtney Strickland 2018

ASHA Student Research Travel Award (SRTA) (\$500 conference travel)
Kimberly Smith 2014

Internal Student Presentation Awards (total of 30 internal student presentations)

Sharpe, V., den Ouden, D.-B., & Fogerty, D. (2013). *The role of acoustics in garden path processing*. Poster presented at USC Discovery Day. **First Place Award** in Psychology and Communication Sciences.

Hood, M., Purohit, P., Xu, J., & Fogerty, D. (2013). *Factors predicting speech recognition in adverse listening conditions*. Poster presented at USC Discovery Day. **First Place Award** in Psychology and Neuroscience I.

Turbeville, C., Ashley, C., & Fogerty, D. (2013). *The relationship between cognitive performance and sentence recognition tasks*. COMD Research festival, University of South Carolina. **Best poster award**.

Hood, M., Purohit, P., & Fogerty, D. (2014). *Speech properties predicting cochlear implant performance*. Poster presented at USC Discovery Day. **Second Place Award** in Psychology and Communication Sciences.

Iftikhar, I. & Fogerty, D. (2016). *The perceptual processing of degraded sentences: Interrupted speech and text*. Poster presented at USC Discovery Day. **First Place Award** in Psychology and Neuroscience A.

Hayes, M., Gibbs II, B., & Fogerty, D. (2017). *Rhythmic processing in speech perception*. Poster presented at Discover USC. **Graduate Student Award**.

Strickland, C. & Fogerty, D. (2017). *The contribution of visual cue synchrony to the recognition of interrupted natural and vocoded speech*. Poster presented at Discover USC. **Second Place Award** in Psychology and Neuroscience G.

Iftikhar, I. & Fogerty, D. (2017). *The perceptual processing of degraded sentences: Interrupted speech and text*. (an update of results) Poster presented at Discover USC. **Second Place Award** in Psychology and Neuroscience C.

Strickland, C. & Fogerty, D. (2018). *The contribution of visual cue synchrony to the recognition of temporally interrupted speech*. Poster presented at Discover USC. **First Place Award** in Health Sciences A.

Amalean, A., Miller, R.E., & Fogerty, D. (2018). *Melody contour discrimination with cochlear implant simulation*. Poster presented at Discover USC. **First Place Award** in Health Sciences B.

Vickery, H., Miller, R.E., & **Fogerty, D.** (2019). Nonlinear amplified speech, listening effort, and its impact on response times. Poster presented at Discover USC. **First Place Award** in Psychology and Public Health C.

PROFESSIONAL MEMBERSHIPS

Acoustical Society of America (ASA)
 American Speech-Language-Hearing Association (ASHA)
 International Speech Communication Association (ISCA)

PROFESSIONAL SERVICE

National Service

Acoustical Society of America

Committee on Online Services, member	2011-2012
Publishing Services Assessment Team - Request for Proposals, member	2012
Student poster competition in Speech Communication, Judge	2012, 2013
Student poster competition in Speech Communication, Coordinator	2014-2015
Speech Communication Technical Committee, member	2015-2018
Education in Acoustics Administrative Committee, member	2015-2018

American Speech-Language-Hearing Association

PROGENY faculty mentor for undergraduate researchers, ASHA Convention	2013
American Speech-Language-Hearing Foundation, Grant Reviewer	2016

Editor

<i>Journal of Speech, Language, and Hearing Research (Hearing Section)</i>	2017-2018
----------------------------------------------------------------------------	-----------

Guest Associate Editor

<i>Journal of Speech, Language, and Hearing Research (Hearing Section)</i>	2013
----------------------------------------------------------------------------	------

Ad hoc Reviewer

<i>Journal of Speech, Language, & Hearing Res.</i>	<i>Journal of Communication Disorders</i>
<i>Journal of the Acoustical Society of America</i>	<i>Journal of the American Academy of Audiol.</i>
<i>Ear and Hearing</i>	<i>Journal of Phonetics</i>
<i>Frontiers in Aging Neuroscience</i>	<i>PLoS ONE</i>
<i>American Journal of Audiology</i>	<i>Speech Communication</i>
<i>International Journal of Audiology</i>	<i>Psychological Research</i>

Conference Session Chair

<i>Current Approaches to Spanish and Portuguese Second Language Phonology Conference</i>	
Session on “Vowels and Diphthongs”	2012
<i>Acoustical Society of America; Pittsburgh, PA (Signal Processing & Speech Communication)</i>	
Organizer & Co-Chair: “Spectral and temporal properties of speech signals”	2015

University Service

Indiana University

Speech and Hearing Sciences - PhD Organization

Grant writer	2008-2009
Representative to the Faculty	2009-2010

University of South Carolina

University

Discovery Day Judge	2013, 2016
First Year Flotilla faculty mentor, Honors College	2013
Magellan Scholar Grant Reviewer	2013
ASPIRE-I Grant Reviewer	2016

Arnold School of Public Health

Scholastic Standards and Petitions	2013-2017
Strategic Planning: Mission, Vision, and Values	2015-2016
Evaluation Committee	2017-present
Tenure and Promotion Committee	2017-present
Faculty Research Award Committee	2017-2020
ASPH Dean's Student Advisory Council: CV discussion, invited panelist	2017
ASPH NIH Proposal Boot Camp, invited speaker	2017

Department of Communication Sciences and Disorders

Research Committee	2011-2013
Computer Committee	2011-2013
PhD Committee	2011-present
Webber Scholarship Committee	2013, 2016-18
Speech, Modeling, & Acoustic Research Training (SMART), Director	2013
COMD Assistant Professor Search Committee, Chair	2013-2014
MSP/MCD Admissions Committee	2013-2016; 2019-present
Carolina Master Scholars Adventure Series (COMD summer camp), Lecturer	2016, 2017
Evaluation Committee	2016-2017
Summative Assessment Committee (Chair, 2017-2019)	2016-2019
Employer Survey Committee	2017-2019
Outstanding COMD student selection committee	2017, 2019
PhD information committee	2017
COMD Department Chair Search Committee	2019-present
Innovation Committee, Chair	2019-present
Elaine Frank Endowed Fellowship committee	2019
COMD Research Forum, co-director	2019-present

Community Service

Consultant

<i>Fogerty Music Therapy, Bloomington, IN</i>	2007-present
-----------------------------------------------	--------------

Clinical in-service presentations

Tracheostomy cuff inflation and dysphagia. (2005). Invited in-service to Willowcrest Care Center, South Milwaukee, WI.

Normal processes of speech and language. (2012, 2016). Invited in-services to Fogerty Music Therapy, Bloomington, IN.

Auditory neuroscience primer. (2017). Invited in-service to Fogerty Music Therapy, Bloomington, IN.

Public Media

WUFT Public Radio (Florida), "Public Health Minute," *Speech and Auditory Perception and Processing*. Aired several times weekly throughout August, 2013.

Office of Information Technology Podcast, University of South Carolina, "An IT Minute," *Technology to Improve Hearing*, August, 2013, archived on iTunes U.

USC Times, University of South Carolina, *Of Sound Mind: Loud and Clear*, November, 2015. Featured article on research program.

USC Times, University of South Carolina, *Filling in the Blanks*, March, 2017. Featured article on research program.