

Curriculum Vitae
Michael S. Vitevitch, Ph. D.

Contact Information

Department of Psychology
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Professional Experience

Fall, 2013-present	Professor, Department of Psychology <i>University of Kansas</i>
Fall, 2011-present	Senior Associate Director, University Honors Program <i>University of Kansas</i>
Fall, 2010-Fall, 2011	Associate Scientist, Life Span Institute <i>University of Kansas</i>
Fall, 2010- Fall, 2011	Faculty Fellow for Research, University Honors Program <i>University of Kansas</i>
Fall, 2006-Spring, 2013	Associate Professor, Department of Psychology <i>University of Kansas</i>
Fall, 2001-Spring, 2006	Assistant Professor, Department of Psychology <i>University of Kansas</i>
May, 2005-June, 2007	Associate of the Gerontology Center <i>University of Kansas</i>
Fall, 2002-present	Participating Faculty of the Life Span Institute (LSI), Child Language Program (CLP), and Kansas Intellectual & Developmental Disabilities Research Center (KIDDRC). <i>University of Kansas</i>
Fall, 1999-Spring, 2001	Assistant Professor (Part-Time) <i>Indiana University</i>
October, 2000-July, 2001	Visiting Research Associate <i>Indiana University</i>

Education

- October, 1997-September, 2000 NIH Post-Doctoral Research Fellow (T32 DC 000012)
Indiana University
Bloomington, IN USA
- September 1, 1997 Ph.D. Program in Cognitive Psychology
University at Buffalo
Dissertation Title: *Phonotactics and Spoken Word Recognition*
- August, 1996 - May, 1997 NIH Pre-doctoral Research Fellow (T32 DC 000036)
University at Buffalo
Buffalo, New York USA
- May, 1993 B.A., Psychology
Binghamton University
Binghamton, New York USA

Continued Professional Development

- Jan 27, 2011 NSF Workshop *Science: Becoming the Messenger*
University of Kansas
- Seminar and workshops on effectively communicating science to a broader audience using new and traditional media.
- 2007-2008 Senior Administrative Fellow
University of Kansas
- A program for select faculty members to learn more about senior administration at KU and across higher education.
- various dates Statistical Seminars
Life Span Institute at University of Kansas
- Bootstrapping Technique (Tom Loughin, Ph.D.)
 - Partial Least Squares Analysis (Wynne Chinn, Ph.D.)
- Other Special Courses
Acoustical Society of America/CMU Sphinx Speech Group
- Short Course on Conversational Systems
June 2-3, 2002
- July 21-August 2, 1996 Oxford Summer School in Connectionism
Oxford University
Drs. Kim Plunkett & Edmund Rolls

Current Research Interests

Speech Perception, Speech Production, Auditory Change Detection, Language Across the Lifespan, Language Acquisition, Second Language Processing, Network Science

I am currently using mathematical tools from the emerging field known as network science to measure the structure that exists among phonological word-forms in the mental lexicon, employing behavioral tasks to examine how that global structure influences language-related processes (such as spoken word recognition and speech production), and using computational models to assess the ability of current psycholinguistic theories to account for these effects.

Publications: *Peer-Reviewed*

1. Vitevitch, M.S., Chan, K.Y., Goldstein, R. (2014). Insights into failed lexical retrieval from network science. *Cognitive Psychology*, 68, 1-32.
2. Vitevitch, M.S., Sereno, J., Jongman, A., and Goldstein, R. (2013). Speaker Sex Influences Processing of Grammatical Gender. *PLOS ONE* 8(11): e79701.
3. Vitevitch, M.S. & Storkel, H.L. (2013). Examining the acquisition of phonological word-forms with computational experiments. *Language & Speech*, 56, 491-527.
4. Vitevitch, M.S. & Donoso, A (2012). Phonotactic probability of brand names: I'd buy that! *Psychological Research*, 76, 693-698.
5. Vitevitch, M.S., Chan, K.Y. & Roodenrys, S. (2012). Complex network structure influences processing in long-term and short-term memory. *Journal of Memory & Language*, 67, 30-44.
6. Stamer, M.K. & Vitevitch, M.S. (2012). Phonological similarity influences word learning in adults learning Spanish as a foreign language. *Bilingualism: Language & Cognition*, 15, 490-502.
7. Vitevitch, M.S. (2012). What do foreign neighbors say about the mental lexicon? *Bilingualism: Language & Cognition*, 15, 167-172. [DOI: 10.1017/S1366728911000149
Published online: 07 April 2011]
8. Vitevitch, M.S., Stamer, M.K. & Kieweg, D. (2012). The Beginning Spanish Lexicon: A Web-based interface to calculate phonological similarity among Spanish words in adults learning Spanish as a foreign language. *Second Language Research*, 28, 103-112.
9. Vitevitch, M.S., Ercal, G. & Adagarla, B. (2011). Simulating retrieval from a highly clustered network: Implications for spoken word recognition. *Frontiers in Language Sciences*, 2, 369. DOI: 10.3389/fpsyg.2011.00369
10. Vitevitch, M.S. & Donoso, A. (2011). Processing of indexical information requires time: Evidence from change deafness. *Quarterly Journal of Experimental Psychology*, 64, 1484-1493.

11. Arbesman, S., Strogatz, S.H. & **Vitevitch**, M.S. (2010). The structure of phonological networks across multiple languages. *International Journal of Bifurcation and Chaos*, 20, 679-685.
12. Chan, K.Y. & **Vitevitch**, M.S. (2010). Network structure influences speech production. *Cognitive Science*, 34, 685-697.
13. Arbesman, S., Strogatz, S.H. & **Vitevitch**, M.S. (2010). Comparative Analysis of Networks of Phonologically Similar Words in English and Spanish. *Entropy*, 12, 327-337.
14. Chan, K.Y. & **Vitevitch**, M.S. (2009). The Influence of the Phonological Neighborhood Clustering-Coefficient on Spoken Word Recognition. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 1934-1949.
15. Vitevitch, M.S., Stamer M.K. and Sereno, J.A. (2008) Word length and lexical competition: Longer is the same as shorter. *Language & Speech*, 51, 359-381.
16. Vitevitch, M.S. (2008). What can graph theory tell us about word learning and lexical retrieval? *Journal of Speech-Language-Hearing Research*, 51, 408-422.
17. Vitevitch, M.S. (2007). The spread of the phonological neighborhood influences spoken word recognition. *Memory & Cognition*, 35, 166-175.
18. Vitevitch, M.S. (2006). Commentaries: Manipulating the characteristics of words and nonwords to better understand word learning. *Applied Psycholinguistics*, 27, 594-598.
19. Vitevitch, M.S. & Stamer, M.K. (2006). The curious case of competition in Spanish speech production. *Language & Cognitive Processes*, 21, 760-770.
20. Vitevitch, M.S. & Atchley, R.A. (2006). Language processing: Development and change. *Language and Speech*, 49, 1-2.
21. Atchley, R.A & **Vitevitch**, M.S. (2006). Language processing across the life span: New methodologies to study old questions. *Brain and Language*, 99, 224-225.
22. Vitevitch, M.S. & Rodríguez, E. (2005). Neighborhood density effects in spoken word recognition in Spanish. *Journal of Multilingual Communication Disorders*, 3, 64-73.
23. Vitevitch, M.S. & Luce, P.A. (2005). Increases in Phonotactic Probability Facilitate Spoken Nonword Repetition. *Journal of Memory & Language*, 52, 193-204.
24. Vitevitch, M.S. & Luce, P.A. (2004). A web-based interface to calculate phonotactic probability for words and nonwords in English. *Behavior Research Methods, Instruments, and Computers*, 36, 481-487.
25. Vitevitch, M.S., Armbruster, J. & Chu, S. (2004). Sub-lexical and lexical representations in speech production: Effects of phonotactic probability and onset-density. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 30, 514-529.
26. Vitevitch, M.S. (2003). The influence of sublexical and lexical representations on the processing of spoken words in English. *Clinical Linguistics and Phonetics*, 17, 487-499.
27. Vitevitch, M.S. & Sommers, M. (2003). The facilitative influence of phonological similarity and neighborhood frequency in speech production. *Memory & Cognition*, 31, 491-504.

28. Vitevitch, M.S. (2003). Change deafness: The inability to detect changes between two voices. *Journal of Experimental Psychology: Human Perception and Performance*, 29, 333-342.
29. Vitevitch, M.S. (2002). Naturalistic and experimental analyses of word frequency and neighborhood density effects in slips of the ear. *Language and Speech*, 45, 407-434.
30. Vitevitch, M.S., Pisoni, D.B., Kirk, K.I., Hay-McCutcheon, M., & Yount, S.L. (2002). Effects of phonotactic probabilities on the processing of spoken words and nonwords by postlingually deafened adults with cochlear implants. *Volta Review*, 102, 283-302.
31. Vitevitch, M.S. (2002). The influence of phonological similarity neighborhoods on speech production. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 28, 735-747.
32. Vitevitch, M.S. (2002). Influence of onset-density on spoken word recognition. *Journal of Experimental Psychology: Human Perception and Performance*, 28, 270-278.
33. Luce, P.A., Goldinger, S.D., & Vitevitch, M.S. (2000). It's good...but is it ART? [Reply to Merging information in speech recognition: Feedback is never necessary.] *Behavioral and Brain Sciences*, 23, 336.
34. Luce, P.A., Goldinger, S.D., Auer, E.T. Jr., Vitevitch, M.S. (2000). Phonetic priming, neighborhood activation, and PARSYN. *Perception and Psychophysics*, 62, 615-625.
35. Vitevitch, M.S., Luce, P.A., Pisoni, D.B., & Auer, E.T. (1999). Phonotactics, neighborhood activation and lexical access for spoken words. *Brain and Language*, 68, 306-311.
36. Vitevitch, M.S. and Luce, P.A. (1999). Probabilistic phonotactics and neighborhood activation in spoken word recognition. *Journal of Memory & Language*, 40, 374-408.
37. Vitevitch, M.S. and Luce, P.A. (1998). When words compete: Levels of processing in spoken word perception. *Psychological Science*, 9, 325-329.
38. Vitevitch, M.S., Luce, P.A., Charles-Luce, J., & Kemmerer, D. (1997). Phonotactics and syllable stress: Implications for the processing of spoken nonsense words. *Language and Speech*, 40, 47-62.
39. Vitevitch, M.S. (1997). The neighborhood characteristics of malapropisms. *Language and Speech*, 40, 211-228.

Publications: <i>Non-Peer-Reviewed</i>

1. Vitevitch, M.S., Goldstein, R. & Johnson, E. (in press). Path-length and the misperception of speech: Insights from Network Science and Psycholinguistics. In A. Mehler, P. Blanchard, B. Job, & S. Banish (eds.) *Towards a Theoretical Framework for Analyzing Complex Linguistic Networks*. Springer (Understanding Complex Systems series).

2. Vitevitch, M.S., Chan, K.Y. & Goldstein, R. (in press). Using English as a “model language” to understand language processing. In N. Miller & A. Lowit (eds.) *Communication Disorders Across Languages: Acquired motor speech disorders*. Multilingual Matters.
3. Vitevitch, M.S. & Stamer, M.K. (2009). The influence of neighborhood density (and neighborhood frequency) in Spanish speech production: A follow-up report. University of Kansas, *Spoken Language Laboratory Technical Report, 1*, 1-6.
4. Vitevitch, M.S. (2000). Change Deafness: The inability to detect changes in a talker’s voice. *Research on Spoken Language Processing. Progress Report No. 24*. Bloomington, IN: Speech Research Laboratory, Indiana University.
5. Vitevitch, M.S. Pisoni, D.B., Kirk, K.I., Hay-McCutcheon, M., & Yount, S.L (2000). Some effects of phonotactic probabilities on the processing of spoken words and nonwords by post-lingually deafened adults with cochlear implants *Research on Spoken Language Processing. Progress Report No. 24*. Bloomington, IN: Speech Research Laboratory, Indiana University.
6. Vitevitch, M.S. & Sommers, M. (1999). Neighborhood Density, the Tip-of-the-Tongue Phenomenon and Aging. *Research on Spoken Language Processing. Progress Report No. 23*. Bloomington, IN: Speech Research Laboratory, Indiana University.
7. Vitevitch, M S., Luce, P.A., Pisoni, D.B., & Auer, E.T. (1998). Phonotactics, neighborhood activation, and lexical access for spoken words: A summary of results. *Research on Spoken Language Processing. Progress Report No. 22*. Bloomington, IN: Speech Research Laboratory, Indiana University.
8. Vitevitch, M S. (1998). All neighborhoods are not created equal: The phonological *P*-metric and spoken word recognition. *Research on Spoken Language Processing. Progress Report No. 22*. Bloomington, IN: Speech Research Laboratory, Indiana University.
9. Vitevitch, M S. (1997). Tongue twisters reveal effects of neighborhood density on speech production. *Research on Spoken Language Processing. Progress Report No. 21*. (pp. 545-556) Bloomington, IN: Speech Research Laboratory, Indiana University.
10. Vitevitch, M. S., Luce, P. A., & Charles-Luce, J. C. (1996). Phonotactic and metrical influences on adult ratings of spoken nonsense words. *Proceedings of the International Conference on Spoken Language Processing*. Philadelphia, PA.

Presentations: *Invited*

1. Vitevitch, M.S. *Using complex networks to understand the mental lexicon*. The 44th Poznan Linguistics Meeting, Poznań, Poland, August 29–September 1, 2013.
2. Cognitive Science Tutorial: *Using Complex Network Analysis in the Cognitive Sciences*. Nicole Beckage, Michael Vitevitch, Alexander Mehler, and Eliana Colunga. CogSci 2013, The 35th Annual Meeting of the Cognitive Science Society, Berlin, Germany, July 31, 2013.
3. Vitevitch, M.S. *The “edge” of (or between) Network Science and Psycholinguistics*. Modeling Linguistic Networks: from Language Structures to Communication Processes. Conference held at Goethe-University Frankfurt am Main, Germany, December 10-11, 2012.

4. Vitevitch, M.S. *The structure of the lexical network influences lexical processing*. 164th Meeting of the Acoustical Society of America in Kansas City, Missouri, October 25, 2012.
5. Vitevitch, M.S. *What is retrieved when lexical retrieval fails? The influence of assortative mixing by degree on spoken word recognition*. Workshop on Network Models for Lexico-Semantic Memory. Leuven, Belgium, October 10-12, 2012.
6. Vitevitch, M.S. *Using Network Science to Examine the Mental Lexicon*. Workshop on Phonotactic Grammar: theories and models, Cortona, Italy, September 28-29, 2012.
7. Vitevitch, M.S. *The influence of path-length and assortative mixing by degree on lexical processing*. Language and Network Science: A satellite symposium of NetSci 2012. Northwestern University, Evanston, IL. June 18, 2012.
8. Vitevitch, M.S. & Storkel, H.L. *Acquisition of phonological word-forms: Using connectionist networks to understand language usage*. 1-day conference on "Lexical Access and Usage Properties", Centre for Human Communication, University College London, May 27, 2010.
9. Vitevitch, M.S. *The influence of lexical structure on language usage*. 1-day conference on "Lexical Access and Usage Properties", Centre for Human Communication, University College London, May 27, 2010.
10. Vitevitch, M.S. *Using Network Science to Understand the Mental Lexicon*. Department of Special Education & Communication Disorders, University of Nebraska-Lincoln, April 15, 2010. [Inaugural speaker for the Stepp Family Student Consultantship.]
11. Vitevitch, M.S. *Commentary on Hamilton's On pretense theories of theatrical performance*. 29th Annual Meeting of the Kansas Philosophical Society, February 27, 2010.
12. Vitevitch, M.S. *Can Network Science inform Cognitive Science? The case of the mental lexicon*. Department of Psychology, Part of the Harpur College Dean's Workshops Series in Psychological Sciences, co-sponsored by the Center for Cognitive and Psycholinguistic Science (CaPS), Binghamton University, April 22, 2009.
13. Vitevitch, M.S. *The Influence of Phonological Neighbors in the Production and Recognition of Spoken Words*. Invited Talk at the 79th Annual Meeting of the Midwestern Psychological Association, May 3-5, 2007.
14. Vitevitch, M.S. *Phonological neighbors in a small world (network): What can graph theory tell us about the mental lexicon?* Departmental Colloquy co-sponsored by the Linguistics and Psychology Departments, Rice University, January 27, 2006.
15. Vitevitch, M.S. *The influence of phonological neighbors on speech production in English and Spanish*. Second International Workshop on Language Production, Maastricht, the Netherlands, August 28th-30th, 2005
16. Vitevitch, M.S. *Phonological neighbors in a small world: What can graph theory tell us about word learning?* Complex Systems and Networks Group at Indiana University, February 21, 2005.
17. Vitevitch, M.S. *What makes a good (phonological) neighbor? Preliminary evidence from MDS*, Speech Research Laboratory at Indiana University February 18, 2005.

18. Vitevitch, M.S., Armbruster, J.L., & Fitzer, J. (2003). *Phonotactic probability and neighborhood density effects in the perception and production of speech in adults*. Presented at the 146th Meeting of the Acoustical Society of America, Austin, Texas, November 13, 2003.
19. Vitevitch, M.S. *Phonological Similarity Neighborhoods and their Influence on Speech Production*, Cognitive Science Colloquium at Johns Hopkins University February 28, 2002.
20. Vitevitch, M.S. *The lexical characteristics of slips of the ear*, Speech & Hearing Laboratory, Directed by Mitchell S. Sommers, Ph.D., Department of Psychology at Washington University, St. Louis, Mo., December 14, 2001.
21. Vitevitch, M.S., Session Presenter in *Models of the Lexicon: The Lexicon in Speech Production*. Annual Convention of the American Speech-Language-Hearing Association, Washington, D.C., November 16, 2000.
22. Vitevitch, M.S., Session Presenter in *The Lexicon in Development: The Aging Lexicon*. Annual Convention of the American Speech-Language-Hearing Association, Washington, D.C., November 17, 2000.

Presentations: Contributed

1. Vitevitch, M.S., & Chan, K.Y. *Assortative mixing by degree influences lexical retrieval during spoken-word recognition*. Poster presented at the 23rd Annual Convention of the Association for Psychological Science, May, 2011.
2. Vitevitch, M.S., & Chan, K.Y. *False Memories for Phonologically Similar Words: The Influence of Clustering Coefficient*. Talk presented at the 51st Annual Meeting of the Psychonomic Society, November, 2010.
3. Chan, K.Y, Vitevitch, M.S., & Roodenrys, S. *Serial Recall and the Phonological Clustering Coefficient*. Poster presented at the 50th Annual Meeting of the Psychonomic Society, November, 2009.
4. Juola, J.F., van Eijk, R.L.J., Kohlrausch, A., Hermes, D.J. & Vitevitch, M.S. *Categorical Perception of Syllables and Temporal Intervals*. Poster presented at the 50th Annual Meeting of the Psychonomic Society, November, 2009.
5. Chan, K.Y & Vitevitch, M.S. *The Influence of the Clustering Coefficient on Spoken Word Production*. Poster presented at the 49th Annual Meeting of the Psychonomic Society, November, 2008.
6. Hogan, T. Catts, H., Adlof, S., Storkel, H. & Vitevitch, M. *Dissociations between semantic and phonologic lexical structure in adolescent poor comprehenders and poor decoders*. Poster presented at the Society for the Scientific Study of Reading, Prague, Czech Republic, July, 2007.
7. Vitevitch, M.S. *The Clustering Coefficient of Phonological Neighborhoods Influences Spoken Word Recognition*. Poster presented at the 152nd Meeting of the Acoustical Society of America, Honolulu, Hawaii, December 1, 2006.

8. Stamer, M.K. & Vitevitch, M.S. *Neighborhood Density Effects in the Recognition of Bisyllabic English Words*. Poster presented at the 78th Annual Meeting of the Midwestern Psychological Association, May 4-6, 2006.
9. Armbruster, J.L. & Vitevitch, M.S. *The Influence of Semantic Representations on Spoken Word Recognition*. Paper presented at the 78th Annual Meeting of the Midwestern Psychological Association, May 4-6, 2006.
10. Vitevitch, M.S., Armbruster, J.L., & Fitzer, J. *How the Spread of the Neighborhood Influences Spoken Word Recognition*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, November, 2004.
11. Vitevitch, M.S., & Armbruster, J.L. (2003). *Influence of semantic density on spoken word recognition*. Poster presented at the 146th Meeting of the Acoustical Society of America, Austin, Texas, November 13, 2003.
12. Vitevitch, M.S. *The Influence of Onset-Density In Speech Production*. Poster presented at the 144th Meeting of the Acoustical Society of America, Cancun, Mexico, December, 2002.
13. Vitevitch, M.S. *The interaction of words and phonological segments in speech production*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, November, 2002.
14. Vitevitch, M.S., Armbruster, J. and Eshelman, D. *The influence of phonotactics and phonological similarity on speech production*. Poster presented at the 143rd Meeting of the Acoustical Society of America, Pittsburgh, Pennsylvania, June, 2002
15. Vitevitch, M.S., *Change Deafness: The inability to detect changes in a talker's voice*. Poster presented at the 141st Meeting of the Acoustical Society of America, Chicago, Illinois, June, 2001.
16. Vitevitch, M.S., *Probabilistic Phonotactics and Levels of Processing and Representation in Spoken Word Recognition: When is a Word not a Word?* Paper presented at the 138th Meeting of the Acoustical Society of America, Columbus, Ohio, November, 1999.
17. Duenas, N. & **Vitevitch**, M.S., *Spoken Word Recognition and the Influence of Lexical Competitors at the Beginning of a Word*. Poster presented at the 138th Meeting of the Acoustical Society of America, Columbus, Ohio, November, 1999.
18. Vitevitch, M.S., Pisoni, D.B., Kirk, K.I., and Hay-McCutcheon, M. *Phonotactic representations in post-lingually deafened adults*. Paper presented at the 22nd MidWinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, Florida, February, 1999.
19. Vitevitch, M.S., & Luce, P.A. *Probabilistic phonotactics in spoken word recognition*. 39th Annual Meeting of the Psychonomics Society, Dallas, Texas, November, 1998.
20. Vitevitch, M.S., & Luce, P.A. *Phonotactics, phonological neighborhoods and working memory in spoken word recognition*. Paper presented at the 136th Meeting of the Acoustical Society of America, Norfolk, Virginia, October, 1998.
21. Luce, P.A., Pisoni, D.B., **Vitevitch**, M.S., & Auer, E.A. *Phonotactics, neighborhood activation, and lexical access for spoken words*. Paper presented at the International Conference on the Mental Lexicon, University of Alberta, Canada, September, 1998.

22. Vitevitch, M.S., Luce, P.A., and Charles-Luce, J. Temporal processing and phonotactic probability in spoken word recognition. Poster presented at the 133rd meeting of the Acoustical Society of America, State College, Pennsylvania, 1997.
23. Vitevitch, M.S. "SLIP-ing" in phonologically similar neighborhoods. Poster presented at 132nd meeting of the Acoustical Society of America, Honolulu, Hawaii, December, 1996.
24. Luce, P.A., **Vitevitch**, M.S., Gaygen, D. E., Lyons, E.A. Representational specificity of lexical form: Implications for models of spoken word recognition. Invited talk presented at 132nd meeting of the Acoustical Society of America, Honolulu, Hawaii, December, 1996.
25. Vitevitch, M.S. and Luce, P.A. Building lexical neighborhoods. Poster presented at the Cognitive Science Society Meeting, San Diego, California, 1996.
26. Vitevitch, M.S. The neighborhood characteristics of malapropisms. Poster presented at the Cognitive Science Society Meeting, San Diego, California, 1996.
27. Vitevitch, M.S. and Luce, P.A. Building lexical neighborhoods. Poster presented at 131st meeting of the Acoustical Society of America, Indianapolis, Indiana, 1996.
28. Vitevitch, M.S. The neighborhood characteristics of malapropisms. Poster presented at the 131st meeting of the Acoustical Society of America, Indianapolis, Indiana, 1996. See also: <http://www.acoustics.org/press/131st/lay11.html>
29. Vitevitch, M.S., Luce, P.A., Charles-Luce, J., & Kemmerer, D. Phonotactic and metrical influences on the processing of spoken nonsense words. Poster presented at the Fifth Conference on Laboratory Phonology, Northwestern University, 1996.
30. Vitevitch, M.S., Luce, P.A., Charles-Luce, J., & Kemmerer, D. Phonotactic and metrical influences on the processing of spoken nonsense words. Talk presented at the International Conference on Spoken Language Processing, Philadelphia, Pennsylvania, 1996.
31. Vitevitch, M.S., Luce, P.A., Charles-Luce, J., & Kemmerer, D. Phonotactic and metrical influences on adult ratings of spoken nonsense words. Poster presented at the 129th meeting of the Acoustical Society of America, Washington, D.C., 1995.

Awards: <i>Research Grants</i>

Current:

NIH/NICHHD-P30 002528. Kansas Mental Retardation and Developmental Disabilities Research Center. 1991-2006, (PD: John Colombo) **Role:** Center Investigator, 2001-present.

NIH/NIDCD-P30 DC005803. Biobehavioral Neurosciences in Communication Disorders. (PI: Mabel Rice). **Role:** Co-Director of Digital and Electrical Engineering Core. 2002-present

NIH/NIDCD-R01 DC00191. The psycholinguistic analysis of aphasic syndromes. (PI: Myrna Schwartz) **Role:** Consultant, 2003-present

NIH/NIDCD-R01 DC001694. Development of Phonological Categories. (PI: Judith Gierut) **Role:** Consultant, 2008-present

Completed:

NIH/NIDCD-R01 DC006472. *Processing Neighbors in Speech Perception and Production*. 7/01/2004-6/30/2011 (Total Direct costs \$750,000) **Role:** PI

NIH/NIDCD-R03 DC04259. *Phonotactic Information in Speech Production*. 6/01/2000-5/31/2003. (Total Direct costs \$150,000) **Role:** PI

University of Kansas General Research Fund, The influence of similar sound segments on spoken word recognition. 7/01/04-6/30/05 03 (Internal grant from Kansas University Center for Research with Direct costs of \$6,000) **Role:** PI

New Faculty General Research Grant, The influence of semantic and phonological similarity in speech production. 6/01/02-5/31/03 (Internal grant from Kansas University Center for Research with Direct costs of \$10,000) **Role:** PI

Research Grant in Speech Science supported by the Dennis Klatt Memorial Fund from the American Speech-Language-Hearing Foundation (\$5,000), 11/1/98-10/31/99 **Role:** PI

Awards: *Other Funding*

Washington Center for Improving the Quality of Undergraduate Education, Learning Communities Assessment Grant to KU, 2006-08.

Cognitive Science Scholarship, University at Buffalo Center, July 21-August 2, 1996.

Graduate Student Scholarship, Oxford Summer School in Connectionism, July 21-August 2, 1996.

Awards: *Other Honors*

- B.A. Cum Laude, with Honors in Psychology
- Distinguished Independent Study in Psychology (undergraduate)
- Robert W. Rice Memorial Award for Early Excellence in Research from the University at Buffalo, October, 1996.
- Distinguished Alumni Award, Department of Psychology, University at Buffalo, May, 2011.

Teaching Experience

Undergraduate Level

Introductory Psychology Indiana University	Fall, 1999 & 2000, Spring 2001 (classes of 240+ students)
General Psychology University of Kansas	Fall 2003, 2004, 2005, 2009; Spring 2008, Spring 2007, 2011, 2012, 2013 [Honors] (classes of 50-500 students)
Psychological Statistics University of Kansas	Fall, 2001, Spring 2003, 2004, 2005, 2006, 2007, 2010. (classes of 80+ students)
Cognitive Science University of Kansas	Spring, 2003, 2006. Fall 2008 & 2009 (classes of 30+ students)

Graduate Level

Connectionist Models in Psychology University of Kansas	Fall, 2005, Spring, 2002
Methodology University of Kansas	Fall, 2002, 2004, 2006, 2008, 2011, 2013
Seminar: Models of Speech Production University of Kansas	Spring, 2005
Seminar: Models of Spoken Word Recognition University of Kansas	Fall, 2007
Seminar: Network Models in Psychology University of Kansas	Fall, 2010

Service: *Grant Related*

International

Ad hoc reviewer for the Romanian National Council for Scientific Research, Executive Agency for Higher Education Research, Development & Innovation Funding, 2011-2012.

Ad hoc reviewer for the Fonds Québécois de la Recherche sur la Société et la Culture, CE3 committee on Cognitive Neurosciences, May 9, 2006.

Ad hoc rapporteur for the Economic & Social Research Council (UK) Jan, 2008.

Ad hoc reviewer for the Netherlands Organization for Scientific Research, Innovational Research Incentives Scheme –Veni, April, 2010.

Assessor for the Australian Research Council (ARC). August, 2013-present.

National

Ad hoc consultant for NIH-NIDCD Special Emphasis Review Panel: October 2010 [*chair of session*], December 2003; October 2004, February 2005, February 2006, June 2006 [*chair of session*], October, 2010 [*chair of session*].

Ad hoc reviewer for the National Science Foundation-Social, Behavioral and Economic Sciences-Division of Behavioral and Cognitive Science: September 2002, August 2004, October 2004, March 2010, September 2011.

Ad hoc reviewer for Pennsylvania Department of Health (PA DOH). Oak Ridge Associated Universities, 2012.

Technical Program Organizing Meeting for 164th meeting of the Acoustical Society of America, Kansas City, MO, June 29-30, 2012.

Service: *Journal and other publications*

Editor: *Language and Speech* (January, 2013-January, 2018)

Associate Editor: *Language and Speech* (2008-2012), *Journal of the Acoustical Society of America* (Speech Perception; 2011-2012).

Consulting Editor/Editorial Board: *Cognition* (2008-present), *Journal of Experimental Psychology: Learning, Memory, and Cognition* (2008-present), and *Attention Perception and Psychophysics* (2008-present).

Ad hoc reviewer for: *Acta Psychologica*; *Advances in Cognitive Psychology*; *Applied Linguistics*; *Applied Psycholinguistics*; *Bilingualism: Language & Cognition*; *Clinical Linguistics and Phonetics*; *Cognition*; *Cognitive Neuropsychology*; *Cognitive Psychology*; *Cognitive Science*; *Current Psychology Letters*; *Ear & Hearing*; *Frontiers in Language Sciences*; *Hippocampus*; *Journal of the Acoustical Society of America (Electronic Letters)*; *Journal of Clinical Experimental NeuroPsychology*; *Journal of Experimental Psychology: Human Perception and Performance*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Journal of Memory and Language*; *Journal of Phonetics*; *Journal of Speech-*

Language-Hearing-Research; Language and Cognitive Processes; Language & Speech; Linguistics; Memory & Cognition; Mind, Brain & Education; Music Perception; (Attention) Perception and Psychophysics; Phonetica; Psychological Science; Psychonomic Bulletin & Review; Public Library of Science-ONE (PLoS-One); Quarterly Journal of Experimental Psychology; Reading Research Quarterly; Spanish Journal of Psychology; Swiss Journal of Psychology; Trends in Cognitive Sciences.

Co-editor of special issues of *Language & Speech* and *Brain & Language* presenting papers from the conference *Language Comprehension Across the Lifespan: New Methodologies to Study an Old Question* (published in 2006).

Co-editor of Research Topic in *Frontiers in Language Sciences* focusing on *Insights to the study of Language from Network Science*, 2012.

Ad hoc reviewer for:

Sage Publications. *Theories of Mind: An Introduction to Cognitive Science* (Friedenberg & Silverman).

Blackwell Publications. *Quantitative Methods in Linguistics* (K. Johnson).

Cambridge University Press. *Cognitive Science: An Introduction to the Science of the Mind* (Jose Luiz Bermudez).

Walter de Gruyter, Inc. *Phonetics and Phonology in Language Comprehension and Production* Schiller & Meyer (Eds.)

Service: University

University Committees:

Member of Learning Communities Workgroup
Spring 2013-present

Behavioral Science Review Committee for the General Research Fund
College of Liberal Arts and Sciences
2006; 2007.

Member of Learning Communities Assessment Team.

- This committee was formed as a result of receiving funding from the Washington Center (Spring, 2007-2008).

Member of Learning Communities Steering Committee
Fall, 2006-2008

Member of Honors Program Curriculum Committee
Fall, 2007-present

Member of Planning Committee for the KU Teaching Summit (held on August 15, 2006)
Spring, 2006.

Member of Grievance Hearing Panel
College of Liberal Arts and Sciences
Spring, 2006.

Member of Department of Defense Research Committee at KU

- Created to increase research interactions between KU and nearby US Army post at Ft. Leavenworth
Chair: Steve Warren
2009-present

Member of University Committee on Distinguished Professorships
2011-2014

Chair of Search Committee for *Director of Undergraduate Research*
Spring, 2012

Member of Working Group on Learning Communities (Office of First Year Experience)
Spring 2013-present

University Outreach & Communication:

KU Mini-College Lecturer

Six Degrees of Separation: How Everything in Nature (and your Mind) is Connected
June, 2009, 2011, 2012

Presenter at *Science! On Tap* [Sponsored by KU & FreeState Brewery, Lawrence, KS]
Networks and You...and you...and you
February 22, 2011

Faculty presenter for *Freshman Orientation Program*
June, 2009.

Presenter at *Evaluating Doctoral Dissertations Workshop*
Sponsored by Office of Graduate Studies at KU
August 10 & September 7, 2011

Presenter at *About Teaching: Conference for new GTAs*
Sponsored by Center for Teaching Excellence at KU
August 2006-2011

Presenter at *KU Teaching Summit*
Sponsored by Center for Teaching Excellence at KU
Flipped Classes: Using Class Time to Teach Introductory Research Skills
With Mark Mort (Ecology & Evolutionary Biology)
August 22, 2013

Service: Departmental

Evaluating Graduate Education

- Committee formed at the invitation of the Provost to develop rubric to evaluate comprehensive exams and doctoral dissertation.

[Other members: Susan Kemper, Ric Ingram, & Dan Bernstein]
2008-2010

Reviewed application materials for the McNeal Teaching Award for Clinical Child Psychology Program
Fall, 2012

Promotion & Tenure Review Committee
2011-2012

Merit Review Committee
2011-2014

Search Committee for Cognitive NeuroPsychology
2010-2011
Faculty Advisor to KU Chapter of Psi Chi & Psychology Club
2001-2003

Service: *Other professional service*

Conference organizing committee for *Language and Network Science: A satellite symposium of NetSci 2012*. Northwestern University, Evanston, IL. June 18, 2012.

Scientific Committee for *17th International Congress of Phonetic Sciences*
Hong Kong, China, August 17-21, 2011.

Scientific Committee for *12th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP)*
Nijmegen, the Netherlands, August 30 - September 1, 2006

Ad hoc reviewer for the *Midwest Association of Graduate Schools Distinguished Master's Thesis Competition*, 2010.

Organization Committee for *Language Comprehension Across the Lifespan: New Methodologies to Study an Old Question*

- Conference held in conjunction with the 43rd Annual Meeting of the Psychonomic Society on November 21, 2002, Kansas City, KS.

Judge of student posters and presentations at *Conference of the Society for Advancement of Chicanos and Native Americans in Science (SACNAS)*

- Kansas City, MO, October 11-14, 2007.

Judge of student presentations at *Annual Graduate Student Research Competition*
University of Kansas
April 27, 2010.

External Faculty Promotion and Tenure Review:
National University of Singapore, 2006
Rhodes College, 2012

Sponsor of Undergraduate Honors Theses:

Jonna Armbruster, 2002
Shinying Chu, 2003
Stacy Greenbaum, 2003
Dennis A. Golden, 2006
Rachel Nadolna, 2007
Shannon Layman, 2007 (Won Best Presentation at UG Research Symposium)

Sponsor of students in KU Research Experience Program (REP)

Ryan Taber, 2010

Sponsor of Undergraduate Research Award winners:

Jonna Armbruster, Spring, 2002
Shinying Chu, Spring & Summer 2003
Stacy Greenbaum, Spring 2003
David Levine, Spring 2004

Masters Thesis Committees:

Diana Pastoriza Espasandin (Linguistics), External Member, 2004
Jonna Armbruster (Psychology), Chair, 2005
Melissa Stamer (Linguistics), Co-Chair, 2006
RaLynn Schmalzried (Psychology), Committee Member, 2007
Kit Ying (Vivien) Chan (Psychology), Chair, 10/18/07
Alex Donoso (Psychology) Chair, 4/5/10
Mircea Sauciuc (Linguistics), Committee Member, 5/20/10
Rutherford Goldstein (PSYC), Chair, 4/3/2012

Doctoral Dissertation Committees:

Travis Wade (LING), External Member, 2002
Gerald Whiteside (SPLH-Audiology), External Member, 2004
Eva Rodriguez (LING), External Member, 2004
Mark Yates (PSYC), Committee Member, 2004
Larry Locker (PSYC), Committee Member, 2005
Tiffany Hogan (SPLH), External Member, 2006
Kazumi Maniwa (LING), Committee Member, 2006
Robert Peyton (Applied Behavior Science) External Member, 2006
Mohammad Al-Masri (LING), Committee Member, 2006
Filip Smolik (Child Language Program) Committee Member, 2006
Kelly A. Dancho (Applied Behavior Science), External Member, 2007
Jennifer Bruzek (Applied Behavior Science), External Member, 2007
Alicia MacKay (PSYC), Committee Member, 2008
April Fugett-Fuller (PSYC), Committee Member, 2008
Yuwen Lai (LING), Committee Member, 2008
Lisa Rusinko (Applied Behavior Science), External Member, 2008
Matt Gillispie (SPLH), Committee Member, 2008
Eleni Pinnow, (PSYC-Binghamton University), Outside Examiner, 2009
Melissa Stamer (Education), Co-Chair, 2010
Shin Ying Chu (SPLH), External Member, 2010
Wendy Herd (LING), External Member, 2011
RaLynn Schmalzried (PSYC), Committee Member, 2012
Kit Ying Chan (PSYC), Chair, 2012
Nicholas Simmons (PHIL), External Member, 2013

Membership in Professional Organizations

Acoustical Society of America
American Association for the Advancement of Science
American Psychological Association
American Psychological Society
Associate of Behavioral and Brain Sciences
Cognitive Science Society
Linguistic Society of America
Psychonomic Society
International Network for Social Network Analysis