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EDUCATION

1988 Ph.D. Linguistics, Brown University
Graphemic, associative, and syntactic priming effects at a brief SOA in lexical decision and naming
1986 M.A. Linguistics, Brown University
1982 B.S. Psychology, Northern Illinois University
1982 B.A. Philosophy, Northern Illinois University

PROFESSIONAL APPOINTMENTS

2016-present **Department Chair**, Linguistics Department, University of Kansas
2009-present **Professor**, Linguistics Department, University of Kansas
2004-2016 **Associate Chair of Linguistics**, Linguistics Department, University of Kansas
2002-2009 **Associate Professor**, Linguistics Department, University of Kansas
2000-2002 **Assistant Professor**, Linguistics Department, University of Kansas
1999-2000 **Assistant Professor** (Linguistics Department) and **Research Associate** (Erma Garinger Academic Resource Center), University of Kansas.
1997-1999 **Visiting Assistant Professor**, Dept. of Modern Languages, Cornell University.
1996-1997 **Visiting Assistant Professor and Director** of Noyes Lodge Language Learning Center, Department of Modern Languages, Cornell University.
1995-1996 **Acting Assistant Professor**, Department of Modern Languages, Cornell University.
1992-1995 **Acting Assistant Professor**, Joint Appointment in the Department of Psychology and the Department of Modern Languages and Linguistics, Cornell University.
1991-1992 **Visiting Fellow**, Psychology Department and Department of Modern Languages and Linguistics, Cornell University.
1991 **National Institutes of Health (NIH) Postdoctoral Research**, Linguistics, UCLA.
1988-1991 **Scientific Research Staff**, Max Planck Institute for Psycholinguistics.
1987-1988 **Adjunct Professor of Linguistics**, Washington University in St. Louis.
1987-1988 **Postdoctoral Research Scientist**, Central Institute for the Deaf, St. Louis.

RESEARCH INTERESTS

- Psycholinguistic investigations of language structure
- Neurolinguistics
- Second language acquisition
- Speech perception
- Acoustic phonetics
- Spoken and written word recognition

ACADEMIC HONORS

- Chancellors Club Teaching Professor, University of Kansas 2017-2022
- Degree Level Assessment Award, Provost's Office, University of Kansas 2018
M.A. and Ph.D. Graduate Degree programs
- Faculty Fellow for Faculty Development, Mary Lee Hummert, KU Provost's Office 2013-2014
- Senior Administrative Fellow, University of Kansas 2013-2014
- Higher Learning Commission (HLC) Reaccreditation Self Study Committee, KU 2013-2014
Teaching and Learning: Quality, Resources and Support Subcommittee
- Visiting Professor, MARCS Institute, University of Western Sydney, Australia 2012-2013
- Chair, Special Session, Acoustical Society of America Meeting, Kansas City 2012
The Nature of Lexical Representations in the Perception and Production of Speech
- Gene A. Budig Teaching Professor in Social and Behavioral Sciences Award 2011-2012
- Outstanding College Alumni Award 2009
College of Liberal Arts and Sciences, Northern Illinois University
- William T. Kemper Foundation Fellowship for Teaching Excellence 2006
Teaching and Advising at the Freshman-Sophomore Level
- Visiting Scientist, University of Konstanz, Konstanz, Germany 2005, 2006
- Center for Teaching Excellence, Undergraduate Teacher Appreciation Award 2002
- Max Planck Institute for Psycholinguistics, Invited Visiting Scientist 2001, 2002

PROFESSIONAL SERVICE

- Chair, *American Association for the Advancement of Science (AAAS)*, Linguistics and Language Science (Section Z), Chair-Elect/Chair/Retiring Chair, 2016-2019
- Editor (with Michael Vitevitch), *Language and Speech*, 2013-2018
- Editorial Board, *Applied Psycholinguistics*, 2011-present
- Steering Group Member-at-Large Officer, *American Association for the Advancement of Science (AAAS)*, Section Z: Linguistics and Language Science, 2011-2015
- Associate Editor, *Language and Speech*, 2008-2012

RESEARCH GRANTS and TEACHING GRANTS

- 2019-2024 Social Sciences and Humanities Research Council of Canada (SSHRC), \$235,000
(Collaborator: J. Sereno; P.I.: Y. Wang)
Hyperarticulation in auditory-visual speech communication
- 2019-2020 Big Data Initiative, Next Big Question (NBQ), Simon Fraser University, \$25,000
(Collaborator: J. Sereno; P.I.: Y. Wang)
Automated lip-reading: Extracting speech from video of a talking face
- 2017-2022 Natural Sciences and Engineering Research Council of Canada (NSERC), \$125,000
(Collaborator: J. Sereno; P.I.: Y. Wang)
Communicating pitch in clear speech: Articulation, acoustics, intelligibility, neuro-processing, and computational modeling
- 2018-2019 Center for Teaching Excellence, University of Kansas, \$5,000
Benchmarks for Teaching Effectiveness
Linguistics
- 2017-2018 Center for Teaching Excellence, University of Kansas, \$10,000
Curriculum Innovation Grant
Transforming the Linguistics curriculum
- 2015-2017 University of Kansas General Research Fund (GRF), \$5,168
(co-P.I.s: A. Jongman, J. Zhang and J. Sereno)
The role of variability in speech categorization

- 2015 KU Office of Undergraduate Research, Graduate Research Consultant (GRC), \$500
(P.I.: J. Sereno and M. Martinez-Garcia)
Psycholinguistics 435: Students expand experiential learning opportunities
- 2015 KU Office of Undergraduate Research, Graduate Research Consultant (GRC), \$500
(P.I.s: J. Sereno and M. Martinez-Garcia)
Linguistics 110: Students participate in laboratory experiment & analyze data
- 2014-2015 Center for Teaching Excellence (CTE) (co-P.I., A. Jongman and J. Sereno), \$5,000
Evaluating student learning and program curriculum through Capstone Courses (Linguistics 420 and Linguistics 421)
- 2013-2014 Frontiers Pilot and Collaborative Studies Funding Program, \$30,000
(co-P.I.s: U. Minai, R. Fiorentino, A. Jongman, and J. Sereno)
Pre-birth assessment of language ability: A fetal MEG study
- 2009-2013 National Science Foundation, SBE, Behavioral and Cognitive Sciences, \$284,641
The contribution of speaking rate, talker, and coarticulation to lexical tone processing: Effects of language background and training
- 2009-2010 University of Kansas General Research Fund, \$9,731
The contribution of speaking rate and talker to lexical tone processing
- 2006-2007 University of Kansas General Research Fund, \$1603
Native language influence on native and non-native perception
- 2005-2007 National Science Foundation, Faculty Associate (P.I.: A. Jongman), \$230,000
Acoustic and perceptual correlates of emphasis in Arabic,
- 2002-2003 University of Kansas General Research Fund, \$8,669
Training with Linguistic Contrasts
- 1999-2002 Alexander von Humboldt Research Fellowship, \$24,500
Processing of German Inflectional Morphology
- 2000 KU New Faculty General Research Fund Program, \$9,994
Acquiring a Second Language: Perception of Mandarin Tone
- 1999-2000 KU Research Development Fund, *Cognitive Robotics Project*, \$61,548.25
(co-P.I.s: Agah, Brown, Gauch, Jongman, Schreiber, Sereno, and Speer)
- 1999-2000 KU Research Development Fund (co-P.I.s: Rice, Sereno, Jongman, & Atchley), \$47,400
Evaluation of the perceptual and neurological processing abilities of children with grammatical limitations
- 1998-1999 National Science Foundation NSF POWRE Award, \$49,981
Behavioral Investigations of Nouns and Verbs
- 1998-1999 Nederlandse Organisatie voor Wetenschappelijk Onderzoek (Dutch NSF), \$15,000
Phonetic Priming
- 1995 PEW Fellowship Program in Undergraduate Science Education, \$7,000
Lexical Organization of Inflectional Structure
- 1993-1994 President's Council of Cornell Women Research Grant, \$5,000
The Processing of Inflectional Structure: Nouns and Verbs in English
- 1990 German Science Foundation Fellowship (Deutsche Forschungsgemeinschaft)
- 1985-1987 John D. and Catherine T. MacArthur Foundation Research Fellowship
- 1985-1987 Brown University Scholarship
- 1982-1985 National Science Foundation NSF Graduate Fellowship
- 1977-1978 Northern Illinois University Alumni Association Scholarship (full tuition)
- 1977-1981 Academic Achievement Award, Northern Illinois University

PUBLISHED ARTICLES

- Tupper, P., Leung, K., Wang, Y., Jongman, A., and **Sereno, J.A. (submitted)**. Characterizing the distinctive acoustic cues of Mandarin tones. *Journal of the Acoustical Society of America*.
- Chien, Y-F., Yan, H., and **Sereno, J.A. (submitted)**. Investigating the lexical representation of Mandarin Tone 3 phonological alternations.
- Redmon, C., Leung, K., Wang, Y., McMurray, B., Jongman, A., and **Sereno, J.A. (submitted)**. Cross-linguistic perception of clearly spoken English tense and lax vowels based on auditory, visual, and auditory-visual information. *Journal of Phonetics*.
- Chien, Y-F., Fiorentino, R., Yang, X., and **Sereno, J.A. (submitted)**. The role of the surface and underlying representations during spoken word recognition: A mismatch negativity study. *Frontiers in Psychology*.
- Cho, S., Jongman, A., Wang, Y., and **Sereno, J.A. (submitted)**. Multi-modal cross-linguistic perception of fricatives in clear speech. *Journal of the Acoustical Society of America*.
- Zuraiq, W. and **Sereno, J.A. (in press)**. Production of English lexical stress by Arabic learners. R. Wayland (Ed.), In *Second Language Speech Learning: Theoretical and empirical progress*, Cambridge University Press.
- Wang, Y., **Sereno, J.A.**, and Jongman, A. (**in press**). Multimodal perception of tone. In H-M. Liu, F-M. Tsao, and P. Li (Eds.), *Speech learning, perception, and production: Multidisciplinary approaches in Chinese language research*. Springer series on Chinese Language Learning Sciences.
- Garg, S., Hamarneh, G., Jongman, A., **Sereno, J.A.**, and Wang, Y. (**2019**). Computer-vision analysis reveals facial movements made during Mandarin tone production align with pitch trajectories. *Speech Communication*, 113, 47-62.
- Li, Y., Lee, G., & **Sereno, J.A. (2019)**. Comparing monosyllabic and disyllabic training in perceptual learning of Mandarin tone. In A. Nyvad, M. Hejná, A. Højen, A. Jespersen, & M. Hjortshøj Sørensen (Eds.), *A Sound Approach to Language Matters - In Honor of Ocke-Schwen Bohn*, (pp. 303-319).
- Kasisopa, B., Antonios, L. E-K, Jongman, A., **Sereno, J.A.**, & Burnham, D. (**2018**). Training children to perceive non-native lexical tones: Tone language background, bilingualism, and auditory and visual information. *Frontiers in Psychology: Language Sciences*, 9, 1508, 1-14.
<https://doi.org/10.3389/fpsyg.2018.01508>
- Aljasser, F., Jackson, K., Vitevitch, M. S., & **Sereno, J.A. (2018)**. The influence of phonemic inventory on elicited speech errors in Arabic speakers of English. *The Mental Lexicon*, Vol. 13 (1), 26 – 37.
<https://doi.org/10.1075/ml.17014.alj>
- Garg, S., Hamarneh, G., Jongman, A., **Sereno, J.A.**, & Wang, Y. (**2018**). Joint gender-, tone-, vowel-classification via novel hierarchical classification for annotation of monosyllabic Mandarin word tokens. *Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)* (Vol. ICASSP 2018 Paper #2154), 5744-5748, Alberta, Canada.

- Hannah, B., Wang, Y., Jongman, A., **Sereno**, J.A., Cao, J., & Nie, Y. (2017). Cross-modal association between auditory and visuospatial information in Mandarin tone perception in noise by native and non-native perceivers. *Frontiers in Psychology: Language Sciences*, 8, 2051, 1-15. doi:10.3389/fpsyg.2017.02051
- Jongman, A., Qin, Z., Zhang, J., and **Sereno**, J.A. (2017). Just noticeable differences (JNDs) for pitch direction, height and slope for Mandarin and English listeners. *Journal of the Acoustical Society of America*, 142(2), EL163-169. doi: http://dx.doi.org/10.1121/1.4995526.
- Minai, U., Gustafson, K., Fiorentino, R., Jongman, A., & **Sereno**, J.A. (2017). Rhythm-based language discrimination by pre-natal infants: A fetal magnetocardiography study. *NeuroReport*. 28(10), 561-564. doi: 10.1097/WNR.0000000000000794
- Chien, Y-F., **Sereno**, J.A., and Zhang, J. (2017). What's in a word: Observing the contribution of underlying and surface representations. *Language and Speech*. doi: 10.1177/0023830917690419
- Wang, Y., Jongman, A. and **Sereno**, J.A. (2017). L2 acquisition of lexical tone. In Sybesma, R., Behr, W., Gu, Y., Handel, Z., Huang, C.-T., and Myers, J. (Eds.) *Encyclopedia of Chinese Language and Linguistics (ECLL)*. Brill Publishers. ISBN 978 90 04 18643 9
- Sereno**, J.A. (2017). How category learning occurs in adults and children. In A. Lahiri and S. Kotzer (Eds.), *The Speech Processing Lexicon: Neurocognitive and behavioural approaches*. De Gruyter Mouton, pp. 193-210. ISBN 978-3-11-042265-8
- Leung, K., Jongman, A., **Sereno**, J.A., and Wang, Y. (2016). Acoustic characteristics of clearly spoken English tense and lax vowels. *Journal of the Acoustical Society of America*, 140, 45-58. DOI:10.1017/S1366728916000559
- Yakup, M. and **Sereno**, J.A. (2016). Acoustic correlates of lexical stress in Uyghur. *Journal of the International Phonetics Association (JIPA)*, 46(1), 61-77. DOI:10.1017/S0025100315000183
- Sereno**, J.A., Lammers, L., and Jongman, A. (2016). The relative contribution of segments and intonation to the perception of foreign-accented speech. *Applied Psycholinguistics*, 37, 303-322. DOI:10.1017/S0142716414000575
- Chien, Y-F., **Sereno**, J.A., and Zhang, J. (2016). Priming the representation of Mandarin tone 3 sandhi. *Language, Cognition and Neuroscience*, 31(2), 179-189. DOI:10.1080/23273798.2015.1064976
- Tang, L., Hannah, B., Jongman, A., **Sereno**, J.A., Wang, Y., and Hamarneh, G. (2015). Examining visible articulatory features in clear and plain speech. *Speech Communication*, 75, 1-13. DOI:10.1016/j.specom.2015.09.008
- Yakup, M., Abliz, W., **Sereno**, J.A., and Perea, M. (2015). Extending models of visual-word recognition to semi-cursive scripts: Evidence from masked priming in Uyghur. *Journal of Experimental Psychology: Human Perception and Performance*. 41(6), 1553-1562. DOI: http://dx.doi.org/10.1037/xhp0000143
- Sereno**, J.A. and Lee, H. (2015). The contribution of segmental and tonal information in Mandarin spoken word processing. *Language and Speech*, 58(2), 131-151. DOI: 10.1177/0023830914522956

- Herd, W., **Sereno**, J.A., and Jongman, A. (2015). Cross-modal priming differences between native and nonnative Spanish speakers. *Studies in Hispanic and Lusophone Linguistics*, 8(1), 135-155. DOI: <http://dx.doi.org/10.1515/shll-2015-0005>
- Leung, K., Jongman, A., Wang, Y., and **Sereno**, J.A. (2015). Acoustic characteristic of clearly spoken English tense and lax vowels. *Proceedings of the 18th International Congress of Phonetic Sciences*, Glasgow, Scotland. ISBN 978-0-85261-941-4. Paper number 276.
- Sereno**, J.A., Lee, H., and Jongman, A. (2015). Effects of speaking rate and context on the production of Mandarin tone. In The Scottish Consortium for ICPHS 2015 (Ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Glasgow, Scotland. ISBN 978-0-85261-941-4. Paper number 680.
- Tang, L., Hannah, B., Jongman, A., **Sereno**, J.A., Wang, Y., and Hamarneh, G. (2015). Examining visible articulatory features in clear and conversational speech. In The Scottish Consortium for ICPHS 2015 (Ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Glasgow, Scotland. ISBN 978-0-85261-941-4. Paper number 438.
- Yakup, M., Abliz, W., **Sereno**, J.A., and Perea, M. (2014). How is letter position coding attained in scripts with position-dependent allography? *Psychonomic Bulletin & Review*, 21(6), 1600-1606. DOI: 10.3758/s13423-014-0621-6
- Vitevitch, M., **Sereno**, J.A., Jongman, A. and Goldstein, R. (2013). Speaker sex influences the processing of grammatical gender. *PLOS ONE*: November 13, 2013. DOI: 10.1371/journal.pone.0079701
- Herd, W., Jongman, A., and **Sereno**, J.A. (2013). Perceptual and production training of intervocalic /d, r, r/ in American English learners of Spanish. *Journal of the Acoustical Society of America*, 133, 4247-4255.
- Jongman, A., Herd, W., Al-Masri, M., **Sereno**, J.A., and Combest, S. (2011). Acoustics and perception of emphasis in Urban Jordanian Arabic. *Journal of Phonetics*, 39, 85-95.
- Dmitrieva, O., **Sereno**, J.A., and Jongman, A. (2010). Phonological neutralization by native and non-native speakers: The case of Russian final devoicing. *Journal of Phonetics*, 38, 483-492.
- Ferguson, S.H., Jongman, A., and **Sereno**, J.A. (2010). Intelligibility of foreign-accented speech for older adults with and without hearing loss. *Journal of the Academy of Rehabilitative Audiology*, 21, 153-162.
- Herd, W., Jongman, A. and **Sereno**, J.A. (2010). An acoustic and perceptual analysis of /t/ and /d/ flaps in American English. *Journal of Phonetics*, 38, 504-516.
- Lai, Y., Huff, C., **Sereno**, J.A., and Jongman, A. (2009). The raising effect of aspirated prevocalic consonants on F0 in Taiwanese. In J. Brooke, G. Coppola, E. Görgülü, M. Mameni, E. Mileva, S. Morton, and A. Rimrott (Eds.), *Proceedings of the 2nd International Conference on East Asian Linguistics*. Simon Fraser University Working Papers in Linguistics.

- Vitevitch, M., Stamer, M., and **Sereno, J.A. (2008)**. Word length and lexical competition: Longer is the same as shorter. *Language and Speech*, 51(4), 361-383.
- Wade, T. Jongman, A. and **Sereno, J.A. (2007)**. Effects of acoustic variability in the perceptual learning of non-native-accented speech sounds. *Phonetica*, 64, 122-144.
- Zuraiq, W. and **Sereno, J.A. (2007)**. English lexical stress cues in native English and non-native Arabic speakers. In J. Trouvain and B. Barry (Eds.) *Proceedings of the 16th International Congress of Phonetic Sciences (ICPhS XVI)*, 829-832.
- Sereno, J.A. and Wang, Y. (2007)**. Behavioral and cortical effects of learning a second language: The acquisition of tone. In O. Bohn. and M. Munro (Eds.), *Language Experience in Second Language Speech Learning*, New York: John Benjamins Publishing Company, 239-258.
- Smits, R., **Sereno, J.A.**, and Jongman, A. (2006). Categorization of sounds. *Journal of Experimental Psychology: Human Perception and Performance*, 32, 733-754.
- Wang, Y., Jongman, A., and **Sereno, J.A. (2006)**. Second language acquisition and processing of Mandarin tone. In E. Bates, L. Tan, and O. Tzeng (Eds.), *Handbook of East Asian Psycholinguistics*, Cambridge: Cambridge University Press, 250-257.
- Jongman, A., Wang, Y., Moore, C. and **Sereno, J.A. (2006)**. Perception and production of Mandarin tone. In E. Bates, L. Tan, and O. Tzeng (Eds.), *Handbook of East Asian Psycholinguistics*, Cambridge: Cambridge University Press, 209-217.
- Atchley, R., Rice, M., Betz, S., Kwasny, K., **Sereno, J.A.**, and Jongman, A. (2006). A comparison of semantic and syntactic Event Related Potentials generated by children and adults. *Brain and Language*, 99(3), 236-246.
- Warner, N., Good, E., Jongman, A., and **Sereno, J.A. (2006)**. Orthographic versus morphological incomplete neutralization effects. *Journal of Phonetics*, 34, 285-293.
- McQueen, J. and **Sereno, J.A. (2005)**. Cleaving automatic processes from strategic biases in phonological priming. *Memory & Cognition*, 33, 1185-1209.
- Warner, N., Jongman, A., **Sereno, J.A.**, and Kemps, R. (2004). Incomplete neutralization and other sub-phonemic durational differences in production and perception of Dutch. *Journal of Phonetics*, 32, 251-276.
- Wang, Y., Behne, D., Jongman, A., and **Sereno, J.A. (2004)**. The role of linguistic experience in the hemispheric processing of lexical tone. *Applied Psycholinguistics*, 26, 449-466.
- Wang, Y., Jongman, A., and **Sereno, J.A. (2003)**. Acoustic and perceptual evaluation of Mandarin tone productions before and after training. *Journal of the Acoustical Society of America*, 113, 1033-1043.
- Jongman, A., Wade, T., and **Sereno, J.A. (2003)**. On improving the perception of foreign-accented speech. In M.J. Sole, D. Recasens, and J. Romero (Eds.) *Proceedings of the 15th International Congress of Phonetic Sciences (ICPhS XV)*, 1561-1564, Barcelona, Spain.

- Wang, Y., **Sereno**, J.A., Jongman, A., and Hirsch, J. (2003). fMRI evidence for cortical modification during learning of Mandarin lexical tone. *Journal of Cognitive Neuroscience*, 15, 1019-1027.
- Wade, T., Eakin, D., Webb, R., Agah, A., Brown, F., Jongman, A., Gauch, J., Schreiber, T. and **Sereno**, J.A. (2002). Modeling recognition of speech sounds with Minerva2. *Proceedings of the 7th International Conference on Spoken Language Processing*, 2002, 1653-1656.
- Wang, Y., Jongman, A. and **Sereno**, J.A. (2001). Dichotic perception of linguistic tones by Mandarin and American listeners. *Brain and Language*, 78, 332-348.
- Sereno**, J.A., Smits, R., and Jongman, A. (2001). Auditory category learning. In Smits, R., Kingston, J., and Nearey, T. (Eds.), *Proceedings of the Workshop on Speech Recognition as Pattern Classification (SPRAAC)*, 43-48. Nijmegen, The Netherlands.
- Doeleman, T., **Sereno**, J.A., Jongman, A. and Sereno, S.C. (2000). Features and feedback. *Behavioral and Brain Sciences*, 23(3), 328-329.
- Wang, Y., **Sereno**, J.A., Jongman, A., and Hirsch, J. (2000). Cortical reorganization associated with the acquisition of Mandarin tones by American learners: An fMRI study. *Proceedings of the 6th International Conference on Spoken Language Processing*, II, 511-514. Beijing, China.
- Jongman, A., Wang, Y., and **Sereno**, J.A. (2000). Acoustic and perceptual properties of English fricatives. *Proceedings of the 6th International Conference on Spoken Language Processing*, I, 536-539. Beijing, China.
- Sereno**, J.A. and Quene, H. (2000). Facilitation and inhibition using a segmental phonetic priming paradigm. *Proceedings of the Spoken Word Access Processes (SWAP) Conference*, 171-174.
- Sereno**, J.A., Zwitserlood, P., and Jongman, A. (1999). Entries and operations: The great divide and the pitfalls of form frequency. *Behavioral and Brain Sciences*, 22(6), 1039.
- Sereno**, J.A. (1999). Hemispheric differences in grammatical class. *Brain and Language*, 70, 13-28.
- Wang, Y., Spence, M., Jongman, A., and **Sereno**, J.A. (1999). Training American listeners to perceive Mandarin tones. *Journal of the Acoustical Society of America*, 106, 3649-3658.
- Wang, Y, Jongman, A., and **Sereno**, J.A. (1998). Training American listeners to perceive Mandarin tones. In N. Adisasmito-Smith, W. Ham, and L. Lavoie (eds.), *Working Papers of the Cornell Phonetics Laboratory*, 12, 243-254.
- Sereno**, J.A. (1998). Hemispheric differences in grammatical class: A hemifield investigation. In N. Adisasmito-Smith, W. Ham, and L. Lavoie (eds.), *Working Papers of the Cornell Phonetics Laboratory*, 12, 233-242.
- Jongman, A., **Sereno**, J.A., Wayland, R., and Wong, S. (1998). Acoustic properties of English fricatives. In P. Kuhl and L. Crum (eds.), *Joint Proceedings of the 16th International Congress on Acoustics and the 135th Meeting of the Acoustical Society of America*, 2935-2936. Seattle, WA.

- Wang, Y, Jongman, A., and **Sereno**, J.A. (1998). Training American listeners to perceive Mandarin tones A first report. In P. Kuhl and L. Crum (eds.), *Joint Proceedings of the 16th International Congress on Acoustics and the 135th Meeting of the Acoustical Society of America*, 2979-2980. Seattle, WA.
- Sereno**, J.A. and Jongman, A. (1997). Processing of English inflectional morphology. *Memory & Cognition*, 25, 425-437.
- Burton, M., Jongman, A. and **Sereno**, J.A. (1996). Phonological and orthographic priming effects in auditory and visual word recognition, In W. Ham and L. Lavoie (Eds.), *Working Papers of the Cornell Phonetics Laboratory*, 11, 17-41.
- Sereno**, J.A. and Jongman, A. (1996). Processing of English inflectional morphology. In W. Ham and L. Lavoie (Eds.), *Working Papers of the Cornell Phonetics Laboratory*, 11, 317-346.
- Jongman, A. and **Sereno**, J.A. (1995). Acoustic properties of non-sibilant fricatives. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, Vol. 4, 432-435. Stockholm, Sweden.
- Sereno**, J.A. and Jongman, A. (1995). Acoustic correlates of grammatical class. *Language and Speech*, 38, 57-76.
- Sereno**, J.A. (1994). Phonosyntactics. In L. Hinton, J. Nichols, and J. Ohala (Eds.), *Sound Symbolism*. Cambridge: Cambridge University Press, 263-275.
- Sereno**, J.A. and Jongman, A. (1993). Acoustic correlates of form class. A. Bradlow and C. Moore (Eds.), *Working Papers of the Cornell Phonetics Laboratory*, 8, 119-140.
- Sereno**, J.A. and Jongman, A. (1992). Phonetic priming effects in auditory word recognition. *Working Papers of the Cornell Phonetics Laboratory*, 7, 151-177.
- Jongman, A., **Sereno**, J.A., Raaijmakers, M. and Lahiri, A. (1992). The phonological representation of [voice] in speech perception. *Language and Speech*, 35, 137-152.
- Sereno**, J.A. (1991). Graphemic, associative, and syntactic priming effects at a brief stimulus onset asynchrony in lexical decision and naming. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 17(3), 459-477.
- Jongman, A. and **Sereno**, J.A. (1991). On vowel quantity and post-vocalic consonant duration in Dutch. *Proceedings of the XIIth International Congress of Phonetic Sciences*, Vol. 2, 294-297. San Francisco, CA.
- Sereno**, J.A. (1990). Phonology and the brain: Review of Phonological Processes and Brain Mechanisms (Edited by Harry Whitaker). *Contemporary Psychology*, 35(5), 475-476.
- Sereno**, J.A. and Jongman, A. (1990). Phonological and form class relations in the lexicon. *Journal of Psycholinguistic Research*, 19(6), 387-404.
- Lahiri, A., Jongman, A. and **Sereno**, J.A. (1990). The pronominal clitic [dər] in Dutch: A theoretical and experimental approach. In A. Jongman and A. Lahiri (Eds.), *Yearbook of Morphology*, 3, 115-127.

Jongman, A., Fourakis, M. and **Sereno, J.A. (1989)**. The acoustic vowel space in modern Greek and German. *Language and Speech*, 32(3), 221-248.

Sereno, J.A., Baum, S.R., Mearan, G.C. and Lieberman, P. (1987). Acoustic analyses and perceptual data on anticipatory labial coarticulation in adults and children. *Journal of the Acoustical Society of America*, 81, 512-519.

Sereno, J.A. and Lieberman, P. (1987). Developmental aspects of lingual coarticulation. *Journal of Phonetics*, 15, 247-257.

PRESENTED PAPERS and INVITED TALKS

2019

Perceptual preference for falling tones over rising tones: A study of Mandarin Chinese. Presented at the **177th meeting of the Acoustical Society of America (ASA)**, Louisville, KY, May 2019 (Y. Zeng, A. Jongman, J.A. Sereno and J. Zhang).

Quantifying speech production and perception. Invited talk at the Annual Meeting of the **Canadian Applied and Industrial Mathematics Society**, Session on Exploiting Large Data Sets in the Behavioral Sciences, Whistler, BC, June 2019 (Y. Wang, J.A. Sereno, A. Jongman, S. Garg, G. Hamarneh, and P. Tupper).

The effect of instructed second language learning on the acoustic properties of first language speech. **3rd Phonetics and Phonology in Europe (PaPE 2019)** conference, June 2019, Lecce, Italy. (O. Dmitrieva, A. Hutchinson, A. Jongman, J.A. Sereno and A. Tews).

2018

Joint gender-, tone-, vowel-classification via novel hierarchical classification for annotation of monosyllabic Mandarin word tokens. **2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)**, April 2018, Calgary, Alberta Canada. (S. Garg, G. Hamarneh, A. Jongman, J.A. Sereno and Y. Wang).

Investigating the representation of tonal alternations in context. Presented at the **176th meeting of the Acoustical Society of America (ASA)**, Victoria, BC Canada, November 2018 (Y.F. Chien, H. Yan, and J.A. Sereno).

Computer-vision analysis shows different facial movements for the production of different Mandarin tones. Presented at the **176th meeting of the Acoustical Society of America (ASA)**, Victoria, BC Canada, November 2018 (S. Garg, L. Tang, G. Hamarneh, A. Jongman, J.A. Sereno, and Y. Wang).

Linking the production and perception of clear speech. Presented at the **176th meeting of the Acoustical Society of America (ASA)**, Victoria, BC Canada, November 2018 (J.A. Sereno, A. Jongman, Y. Wang, G. Hamarneh, L. Tang, S. Garg, P. Tupper, B. McMurray, C. Redmon, Y. Zeng, B. Hannah, K. Leung, and S. Cho).

Identifying the distinctive acoustic cues of Mandarin tones. Presented at the **176th meeting of the Acoustical Society of America (ASA)**, Victoria, BC Canada, November 2018 (P. Tupper, K. Leung, Y. Wang, A. Jongman, and J.A. Sereno).

2017

Vibrations to representations: Issues in speech processing. **42nd Annual Interdisciplinary Conference (AIC), *Sereno Symposium***, Breckenridge, Colorado, February 2017 (Invited talk).

Effects of clear speech and language background on multimodal perception of English fricatives. **174th Meeting of the Acoustical Society of America (ASA)**, New Orleans, Louisiana, December 2017 (S. Cho, A. Jongman, Y. Wang and J.A. Sereno).

Audio-visual perception of Mandarin tone in clear speech. **174th Meeting of the Acoustical Society of America (ASA)**, New Orleans, Louisiana, December 2017 (Y. Zeng, K. Leung, Y. Wang, A. Jongman and J.A. Sereno).

2016

Observing underlying and surface representations in tone sandhi. **Workshop on (Morpho)-phonological Processing**. Oxford University, Oxford, United Kingdom, April 2016 (Invited talk).

Priming the Representation of Taiwanese Tone Sandhi Words. **Fifth International Symposium on the Tonal Aspects of Languages (TAL 2016)**, Buffalo, NY, May 2016 (Y-F. Chien, J.A. Sereno and J. Zhang).

Surface phonetic or underlying phonological representations: A mismatch negativity study of Mandarin tone assimilation. **168th Meeting of the Acoustical Society of America (ASA) and the Acoustic Society of Japan (5th Joint Meeting)**, Honolulu, Hawaii (Y-F. Chien, R. Fiorentino, X. Yang and J.A. Sereno).

Cross-modal association between auditory and visual-spatial information in Mandarin tone perception. **168th Meeting of the Acoustical Society of America (ASA) and the Acoustic Society of Japan (5th Joint Meeting)**, Honolulu, Hawaii (B. Hannah, Y. Wang, A. Jongman and J.A. Sereno).

Just noticeable differences for pitch height and pitch contour for Chinese and American listeners. **168th Meeting of the Acoustical Society of America (ASA) and the Acoustic Society of Japan (5th Joint Meeting)**, Honolulu, Hawaii (A. Jongman, Z. Qin, J. Zhang and J.A. Sereno).

Cross-linguistic perception of clearly spoken English tense and lax vowels based on auditory, visual, and auditory-visual information. **168th Meeting of the Acoustical Society of America (ASA) and the Acoustic Society of Japan (5th Joint Meeting)**, Honolulu, Hawaii (K. Leung, Y. Wang, C. Redmon, A. Jongman and J.A. Sereno).

2015

Assessing pre-natal rhythm-based discrimination of language by fetal magnetocardiography (fMCG). Poster presented at the 7th annual meeting of the **Society for the Neurobiology of Language**, Chicago, Illinois, Oct. 2015 (U. Minai, K. Gustafson, R. Fiorentino, A. Jongman, and J.A. Sereno).

Effects of speaking rate and context on the production of Mandarin tone. Presented at the 18th **International Congress of Phonetic Sciences (ICPhS)**, Glasgow, UK, August 2015 (J.A. Sereno, H. Lee, and A. Jongman).

Examining visible articulatory features in clear and conversational speech. Presented at the 18th **International Congress of Phonetic Sciences (ICPhS)**, Glasgow, UK, August 2015 (L. Tang, B. Hannah, A. Jongman, J.A. Sereno, Y. Wang, and G. Hamarneh).

Acoustic characteristics of clearly spoken English tense and lax vowels. Presented at the 18th **International Congress of Phonetic Sciences (ICPhS)**, Glasgow, UK, August 2015 (K. Leung, A. Jongman, Y. Wang, and J.A. Sereno).

2014

Processing variability: Context effects, L1-L2 interactions, and indexical information. Invited talk at Oxford University. **Speech and Language Processing: Workshop in Honour of Professor Sheila Blumstein**. Oxford, England Aug. 15-18, 2014.

The representation of Tone 3 sandhi words in Mandarin: A psycholinguistic study. Presented at the **168th Meeting of the Acoustical Society of America**, Indianapolis, Indiana Oct. 2014 (Y. Chien and J.A. Sereno).

Perception of sound symbolism in mimetic stimuli: The voicing contrast in Japanese and English. Presented at the **168th Meeting of the Acoustical Society of America**, Indianapolis, Indiana Oct. 2014 (K. Nakata and J.A. Sereno).

2013

Perception of foreign-accented speech. Paper presented at 5th annual **Pronunciation in Second Language Learning and Teaching (PSLLT) Conference**, Ames, IA, September 2013.

Form and meaning regularities in language. Invited talk. Presented at **Simon Fraser University**, Vancouver, Canada, April 2013.

Segmental versus suprasegmental information in the perception of foreign accented speech. Invited talk. Presented at Klangfest 2, **MARCS Institute, University of Western Sydney**, Sydney, Australia, March 2013.

Tones and segments. Invited talk. Presented at Klangfest 1, **MARCS Institute, University of Western Sydney**, Sydney, Australia, February 2013.

Recent research in psycholinguistics. Invited talk, Centre for Language Sciences, **Macquarie University**, Sydney, Australia, February 2013.

2012

Changes in MMN responses in English learners of Spanish as a result of training. Presented at **6th Conference on Mismatch Negativity (MMN) and its Clinical and Scientific Applications**, New York, NY, March 2012 (W. Herd, R. Fiorentino, A. Jongman, and J.A. Sereno).

Lexical tone in Mandarin spoken word processing. Presented at the **164th Meeting of the Acoustical Society of America**, Kansas City, MO, Oct. 2012 (J.A. Sereno and H. Lee).

High variability training increases mismatch negativity responses to L2 contrasts. Presented at the **164th Meeting of the Acoustical Society of America**, Kansas City, MO, Oct. 2012 (W. Herd, R. Fiorentino, and J.A. Sereno).

2011

Teasing apart the contribution of segmental and suprasegmental information to the perception of foreign-accented speech. Presented at the **30th Annual Meeting of the Second Language**

Research Forum (SLRF), Iowa State University, Ames, IA, October 2011 (J.A. Sereno, A. Jongman and L. Lammers).

Emergent MMN response in Spanish learners as a result of high variability training. Presented at the **3rd Annual Neurobiology of Language Conference**, Anapolis, MD, November 2011 (W. Herd, R. Fiorentino, A. Jongman and J.A. Sereno).

Perceptual accommodation to rate, talker, and context in Mandarin. Paper presented at the **162th Meeting of the Acoustical Society of America**, San Diego, CA, Nov. 2011 (J.A. Sereno, H. Lee and A. Jongman).

2010

Temporal changes in Mandarin tone due to speaking rate variation. Paper presented at the **159th Meeting of the Acoustical Society of America**, Baltimore, MD, April 2010 (J.A. Sereno and H. Lee).

Segmental versus suprasegmental information in the perception of foreign-accented speech.. Paper presented at the **51st Annual Meeting of the Psychonomic Society**, St. Louis, MO, Nov. 2010 (J.A. Sereno, L. Lammers, and A. Jongman).

2009

Intelligibility of foreign-accented speech in noise for younger and older adults. Paper presented at the **157th Meeting of the Acoustical Society of America**, Portland, OR, May 2009 (S. Ferguson, K. Keum, A. Jongman, and J.A. Sereno).

2008

Tracking non-native acquisition of the Spanish tap-trill distinction: Cross-modal priming differences between native and non-native Spanish speakers. Paper presented at the **156th Meeting of the Acoustical Society of America**, Miami, FL, November 2008 (W. Herd and J.A. Sereno).

English lexical stress perception by second language learners with a tonal L1. Paper presented at the **156th Meeting of the Acoustical Society of America**, Miami, FL, November 2008 (Y. Lai and J.A. Sereno).

The Raising Effect of Aspirated Consonants on F0 in Taiwanese. Paper presented at the **The Second International Conference on East Asian Linguistics (ICEAL 2)**, Vancouver, British Columbia, Canada, November 2008 (Y. Lai and J.A. Sereno).

The production and perception of English lexical stress cues. Paper presented at the **Canadian Acoustical Association (CAA)**, Vancouver, British Columbia, October 2008 (Y. Lai, A. Jongman and J.A. Sereno).

2007

Processing of lexical tone in spoken word recognition of Chinese. Poster presented at the **12th International Conference on the Processing of East Asia Related Languages (PEARL2007)**, National Cheng-Kung University, Tainan, Taiwan, December 2007 (Y. Lee, J.A. Sereno, J. Zhang, and A. Jongman).

Plasticity: Acquisition of novel language contrasts, Invited Keynote Speaker, **Language in Cognition, Cognition in Language Conference**, Aarhus, Denmark, October 2007.

Accented Speech: Is it hard to understand? **Department of English, Aarhus University**, Aarhus, Denmark, October 2007.

An acoustic analysis of lexical stress cues in speakers' first and second languages: English and Arabic. Paper presented at the **Mid-America Linguistics Conference (MALC)**, October 2007 (J.A. Sereno and W. Zuraïq).

English lexical stress cues in native English and non-native Arabic speakers. Paper presented at the **16th International Congress of Phonetic Sciences (ICPhS XVI)**, Saarbrücken, Germany, August 2007 (W. Zuraïq and J.A. Sereno).

Acquisition of English stress by Mandarin learners. Paper presented at the **153rd Meeting of the Acoustical Society of America**, Salt Lake City, UT, May 2007 (Y. Lai and J.A. Sereno).

The Noun-Verb Contrast: More than just grammatical class. Invited talk, **Linguistics Department and Cognitive Sciences Program, University of Arizona**, Tucson, AZ, March 2007.

Why Linguistics? Talks presented to **Lawrence Free State High School AP Literature and Composition** classes. January 2007.

2006

Age contributions to language learning. Presented at the **47th Annual Meeting of the Psychonomic Society**, 4041, p. 109, Houston, TX, November 2006 (J.A. Sereno and K. Maniwa).

Intelligibility of foreign-accented speech in older adults. Paper presented at the **40th Annual Academy of Rehabilitative Audiology Institute**, Louisville, KY, October 2006 (S. Ferguson, A. Jongman and J.A. Sereno).

Phonological neighborhood density influences the recognition of bisyllabic words in English. Paper presented at the **Mid-America Linguistics Conference (MALC)**, Edwardsville, IL, October 2006 (M. Stamer, M. Vitevitch and J.A. Sereno).

Psycholinguistic investigations of nouns and verbs. Invited talk. **Fachbereich Sprachwissenschaft, Konstanz, Germany**, July 2006.

2005

Interaction of first and second language in perception and production. Invited talk. **Workshop on Models of L1 and L2 Phonetics/Phonology**. Utrecht, The Netherlands, November 2005.

Intelligibility of foreign-accented speech: Effects of listening condition, listener age, and listener hearing status. Presented at the **150th Meeting of the Acoustical Society of America**, Minneapolis, MN, October 2005 (S. H. Ferguson, J.A. Sereno and A. Jongman).

Language Learning in Adults and Children. Paper presentation, **International Speech Communication Association (ISCA) Workshop on Plasticity in Speech Perception**, London, UK, June 2005.

Second language perception and production training. Invited Panel Discussant, **1st Acoustical Society of America Workshop on Second Language Speech Learning**, Vancouver, Canada, May 2005.

2004

Acquisition of non-native contrasts. Invited presentation at a workshop on **Speech perception in humans and not so humans**, Freudental, Germany, July 2004.

Acoustic and perceptual characteristics of English fricatives. Presented at **From Sound to Sense: Fifty+ Years of Discoveries in Speech Communication**. Boston, MA, June 2004 (A. Jongman and J.A. Sereno).

Perception of accented speech by native and non-native listeners. Presented at **From Sound to Sense: Fifty+ Years of Discoveries in Speech Communication**. Boston, MA, June 2004 (J.A. Sereno, A. Jongman, J. Fergel, T. Dijkstra, and W. van Heuven).

Behavioral and cortical effects of learning a second language. Invited talk at the **University of Kansas Child Language Proseminar**, February 2004.

Perception of accented speech by native and non-native listeners. Presented at the **University of Kansas Linguistics Colloquy**, February 2004.

2003

Orthography and underlying form in incomplete neutralization. Presented at the **146th meeting of the Acoustical Society of America**, Austin, TX, November 2003 (N. Warner, J.A. Sereno, A. Jongman and E. Good).

On improving the perception of foreign-accented speech. Presented at the **15th International Congress of Phonetic Sciences**, Barcelona, Spain, August 2003 (J.A. Sereno, A. Jongman, and T. Wade).

Processing German inflectional morphology. Paper presented at the **3rd International Workshop on Morphological Processing**, Aix-en-Provence, France, June 2003 (P. Zwitserlood, S. Burgsdorf and J.A. Sereno).

Cortical effects of learning a second language. Invited symposium on Recent Investigations of the Bilingual Brain. **4th International Symposium on Bilingualism**, Phoenix, AZ, May 2003.

Psycholinguistics. Invited talk for Psychology 418: Introduction to Cognitive Science, **University of Kansas**, March 2003.

2002

Perception of accented speech by native and non-native listeners. Presented at the **43rd Annual Meeting of the Psychonomic Society**, Kansas City, MO, November 2002 (J.A. Sereno, A. Jongman, J. McCall, T. Dijkstra, and W. van Heuven).

Simulating recognition memory using abstract features, acoustic-phonetic features, and features of real speech production. Presented at the **43rd Annual Meeting of the Psychonomic Society**, Kansas City, MO, November 2002 (D. Eakin, T. Wade, T. Schreiber, A. Jongman, and J.A. Sereno).

Modeling recognition of speech sounds with Minerva2. Poster presented at the **International Conference on Spoken Language Processing**, Denver, CO, September 2002 (T. Wade, D. Eakin, R. Webb, A. Agah, F. Brown, A. Jongman, J. Gauch, T. Schreiber, and J.A. Sereno).

On the role of phonetic inventory in the perception of foreign-accented speech. Presented at the **143rd Meeting of the Acoustical Society of America**, Pittsburg, PA, June 2002 (J.A. Sereno, J. McCall, A. Jongman, T. Dijkstra, W. van Heuven).

Cortical effects of second language learning by adults and children: an fMRI study. Paper presented at the **International Symposium on Cognitive Neuroscience**, Hong Kong, April 2002 (Y. Wang, J.A. Sereno, A. Jongman, J. Hirsch, and P. Kuhl).

An electrophysiological study of language comprehension in children. Presented at the **9th Annual Meeting of the Cognitive Neuroscience Society**. San Francisco, CA, April 2002 (R. Atchley, M. Rice, S. Betz, K. Kwasny, J.A. Sereno, and A. Jongman).

2001

Acoustic analysis of American listeners' Mandarin tone productions before and after training. Poster presented at the **142nd Meeting of the Acoustical Society of America**, Fort Lauderdale, FL, December 2001 (Y. Wang, A. Jongman, and J.A. Sereno).

Auditory category learning. Paper presented at the **Workshop on Speech Recognition as Pattern Classification**, Nijmegen, The Netherlands, July 2001 (J.A. Sereno, R. Smits and A. Jongman).

Processing of lexical tone in Mandarin Chinese. Invited paper presented at the **New Frontiers in Chinese Psycholinguistics Conference**, Santa Barbara, CA, July 2001.

Learning non-native language contrasts. Invited talk at the **University of Kansas Child Language Proseminar**, February 2001.

2000

Categorization of sounds. Presented at the **41st Meeting of the Psychonomic Society**. New Orleans, LA., November 2000 (J.A. Sereno, R. Smits and A. Jongman).

Cortical reorganization associated with the acquisition of Mandarin tones by American learners: An fMRI study. Presented at the **6th International Conference on Spoken Language Processing**, Beijing, China, October 2000 (Y. Wang, J.A. Sereno, A. Jongman, and J. Hirsch).

Acoustic and perceptual properties of English fricatives. Presented at **the 6th International Conference on Spoken Language Processing**, Beijing, China, October 2000 (A. Jongman, Y. Wang and J. Sereno).

Native and non-native speech perception and implications for the learning of non-native contrasts. Presented at **UiL OTS The Nature of Speech Perception Conference**, Utrecht, The Netherlands, July 2000 (J.A. Sereno, Y. Wang, A. Jongman, and J. Hirsch).

Learning to categorize sounds. Presented at **UiL OTS The Nature of Speech Perception Conference**, Utrecht, The Netherlands, July 2000 (R. Smits, J.A. Sereno, and A. Jongman).

Facilitation and inhibition using a segmental phonetic priming paradigm. Poster presented at the **Spoken Word Access Processes (SWAP) Conference**, Nijmegen, The Netherlands, May 2000 (J.A. Sereno and H. Quene).

1999

Second language acquisition of tone, Invited talk at the **University of Kansas Ermal Garinger Brown Bag Series**, December 1999.

Linguistics and the mental lexicon. Invited talk. **University of Kansas Psychology Department**, November 1999.

Psycholinguistics, Talk at **Dept. of Linguistics Graduate Student Lunch Seminar**, November 1999.

Suprasegmental learning. Talk at the **Mid-America Linguistics Conference (MALC)**. The University of Kansas, October 1999 (J.A. Sereno, A. Jongman and Y. Wang).

Nouns and Verbs. Invited talk at the **University of Kansas Child Language Proseminar**, October 1999.

The processing of grammatical class. Invited talk at the **Max Planck Institute for Psycholinguistics**, Nijmegen, The Netherlands, May 1999.

Training American listeners to perceive Mandarin tones: Transfer to production. Poster presented at the **137th Meeting of the Acoustical Society of America and the 2nd Convention of European Acoustics Association**. Berlin, Germany, March 1999 (Y. Wang, M. Spence, A. Jongman, and J.A. Sereno).

Native and non-native perception of tone. Invited talk. **International Symposium on Future Directions in Cross-Language and Second Language Speech Perception**, Sandbjerg, Denmark, March 1999.

1998

Some unexplored properties of lexical representation. Invited talk. **Lexical Representations in Language Comprehension Workshop**, Schloss Maurach, Konstanz, Germany, December 1998.

Phonetic priming effects in auditory word recognition. Invited talk. **Utrecht University**, Utrecht, The Netherlands, October 1998.

Acoustic properties of English fricatives. Poster presented at the Joint Meeting of the **16th International Congress of Acoustics** and the **135th Meeting of the Acoustical Society of America**, Seattle, WA., June 1998. (A. Jongman, J.A. Sereno, R. Wayland and S. Wong).

Training American listeners to perceive and produce Mandarin tones. Poster presented at the **135th Meeting of the Acoustical Society of America**. Seattle, June 1998 (Y. Wang, J.A. Sereno, and A. Jongman).

A psycholinguistic approach to lexical organization: Auditory and visual evidence for grammatical class. Invited talk at **University of Kansas**, May 1998.

1996

Hemispheric differences in grammatical class. Paper presented at the **37th Annual Meeting of the Psychonomic Society**, Chicago, IL, November 1996.

1995

Acoustic properties of non-sibilant fricatives. Poster presented at the **13th International Congress of Phonetic Sciences**, Stockholm, Sweden, August 1995 (A. Jongman and J.A. Sereno).

1994

A psycholinguistic approach to lexical processing: Auditory and visual evidence for grammatical class. Invited talk at **SUNY-Binghamton**, Spring 1994.

A psycholinguistic approach to lexical processing: Auditory and visual evidence for grammatical class. Invited talk at **Cornell University**, Spring 1994.

1993

Phonological and orthographic priming effects in auditory and visual word recognition. Paper presented at the **34th Annual Meeting of the Psychonomic Society**, Washington, D.C., Nov. 1993.

Coarticulatory information in word recognition: A phonetic priming study. Paper presented at the **125th Meeting of the Acoustical Society of America**. Ottawa, Canada, Spring 1993 (J.A. Sereno, A. Jongman, R. Rossi, and M. Burton).

1992

Phonological representation affects phonetic perception. Presented at the **123rd Meeting of the Acoustical Society of America**. Salt Lake City, UT, May 1992 (A. Jongman, J.A. Sereno, A. Lahiri, and M. Raaijmakers).

Interaction of vowel length and voicing in Dutch: The role of underlying representations. Paper presented at the **21st Annual Linguistics Symposium on the Reality of Linguistic Rules**. Milwaukee, WI, April 1992 (A. Jongman, J.A. Sereno, A. Lahiri, and M. Raaijmakers).

The processing of inflectional morphology in English. Poster presented at the **Fifth Annual CUNY Conference on Human Sentence Processing**. New York City, NY, March 1992.

1991

Inflectional morphology in the mental lexicon. Paper presented at **1991 Annual Meeting of the Linguistic Society of America**. Chicago, IL, January 1991.

1990

Compensatory effects due to vowel length in Dutch. Paper presented at **the 120th Meeting of the Acoustical Society of America**. San Diego, CA, November 1990 (A. Jongman and J.A. Sereno).

1989

Dutch pronominal clitics: A theoretical and experimental approach. Paper presented at the **Max Planck Institute Conference "When words happen to be phrases"**, Nijmegen, The Netherlands, December 1989 (A. Lahiri, A. Jongman, and J.A. Sereno).

Phonetic priming: Explorations into the nature of the input representation in word recognition. Paper presented at the Summer Meeting of the **British Experimental Psychology Society**, Cambridge, UK, July 1989.

1988

Priming effects using phonetic segments in auditory word recognition. Invited talk at **Washington University**, St. Louis, MO, September 1988.

1987

Anticipatory coarticulation in children with good and poor syntactic abilities. Paper presented at the **113th Meeting of the Acoustical Society of America**. Indianapolis, IN, May 1987 (J.A. Sereno and P. Lieberman).

Coarticulatory processes in speech. Talk at **M.I.T.**, Cambridge, MA, March 1987 (Invited talk).

1986

The development of rule-governed behavior in speech. Paper presented at the **MacArthur Foundation Meeting**. Chatham, MA, June 1986.

Developmental aspects of the production of velar stop consonants. Paper presented at the **111th Meeting of the Acoustical Society of America**. Cleveland, OH, May 1986 (J. Sereno and P. Lieberman).

Stress pattern differentiation of form class in English. Poster presented at the **111th Meeting of the Acoustical Society of America**. Cleveland, OH, May 1986.

Phonosyntactics. Paper presented at **Sound Symbolism Conference**. University of California at Berkeley, CA, January 1986.

The development of anticipatory labial coarticulation in a child. Paper presented at the **10th Annual Boston University Conference on Language Development**. Boston, MA, October 1985 (J.A. Sereno and P. Lieberman).

1985

Acoustic analyses and perceptual data on anticipatory labial coarticulation in adults and children. Paper presented at the **109th Meeting of the Acoustical Society of America**. Austin, TX, May 1985 (J.A. Sereno, S. Baum, and G. Mearan, and P. Lieberman).

ADVISING

CHAIR, Ph.D. Thesis

Kotoko Nakata (2017)

Explicit Learning of Japanese mimetics using voicing, gemination, and reduplication rules.

Currently: Assistant Professor, Chinese Language and Literature, Johnson County Community College, Kansas

Yu-Fu Chien (2016)

Observing the contribution of both surface and underlying representations: Evidence from priming and ERPs.

Currently: Assistant Professor of Linguistics, Chinese Language and Literature, Fudan University, Shanghai, China

- Yingjie Li (2016) *Effects of High Variability Phonetic Training on Monosyllabic and Disyllabic Mandarin Chinese Tones for L2 Chinese Learners.*
Currently: Lecturer, Department of East Asian Language and Culture, University of Colorado Boulder
- Mahire Yakup (2013) *Acoustic correlates of lexical stress in native speakers of Uyghur and L2 learners.*
Currently: Assistant Professor of Linguistics, Nazarbayev University, Astana, Kazakhstan
- Wendy Herd (2011) *The perceptual and production training of / r, d, r / in L2 Spanish: Behavioral, psycholinguistic, and neurolinguistic evidence.*
Currently: Associate Professor of Linguistics, Mississippi State University, Starkville, Mississippi
- Yen-Kuang Ho (2009) *The perception and production of American English vowels by EFL learners in Taiwan: The influence of first language and proficiency levels.*
Currently: Lecturer, Ming Hsin University of Science and Technology, Hsinchu City, Taiwan
- Eva Rodriguez (2006) *Morphological regularity and neighborhood density effects in the acquisition and processing of the Spanish preterite.*
Currently: Associate Professor, University of New Mexico, Albuquerque, New Mexico
- Wael Zuraiq (2005) *The production of lexical stress by native speakers of Arabic and English and by Arab learners of English.*
Currently: Associate Professor, The Hashemite University, Zarqa, Jordan

CHAIR, M.A. Thesis

- Fishero, Sheyenne (expected 2020)
- Chih-Hsiang, Hsieh (2013) *The Perception of Epenthetic Vowels in Voiced and Voiceless Contexts in Japanese.*
- Nakata, Kotoko (2013) *Perception of Sound Symbolism in Mimetic Stimuli: The Voicing Contrast in Japanese and English.*
- Yu Ju Lee (2008) *The Role of Lexical Tone in Spoken Word Recognition in Chinese.*
- Carrie Yun Stockton (2008) *The Effects of Speaking Rate on Mandarin Tones.*
- Melissa Stamer (2006) *Influence of Neighborhood Density on the Recognition of Bisyllabic English Words.*
- Mariko Karasawa (2004) *Native and Non-native Production and Perception of Japanese Affricate [ts] and the Fricative [s].*
- Diana Pastoriza (2004) *Second Language Lexical Processing: Influence of Teaching Method and Word Characteristics.*
- Eva Rodriguez (2003) *Second Language Acquisition of the Spanish Preterite.*
- Ricardo Benitez (2002) *An Acoustic and Perceptual Study of the Vowels of Spanish.*
- Ruth Merz (2000) *Sentence Processing in Japanese.*

HONORS THESIS Advisor

- Lynne Lammers (2010) *The Perception of Foreign-Accented Speech: Segmentals vs Suprasegmentals.*
Christopher Huff (2008) *The Raising Effect of Aspirated Consonants on F₀ in Taiwanese.*
Karen Johnson (2001) *Sensitivity to Prestigious Forms by Non-native speakers of English.*
Joyce McCall (2001) *Effects of Foreign Accent and Phonetic Inventory on Word Recognition.*

Undergraduate Honors thesis committee membership:

Joshua Williams (2012), Emma Rothbrust Frosini (2010), Carey Scott (2010), Zachary Davidson (2008), Jana Johnston (2007), Ariane Rhone (2006), Liane Carmi (2005), Erin Klager (2005), Rachel Bernard (2003)

Undergraduate Student Research Advisor

Wanheng Li, University Scholars Program, 2018-present.

Keonya Jackson, Linguistic research experience, 2015 - 2018.

(Presented at the 19th Annual Undergraduate Symposium, "Tongue Twisters in Arabic Speakers Learning English as a Second Language," April 2016)

Molly Kaup, Linguistic research experience, 2014 - 2018.

University Scholars Mentor

GRADUATE STUDENT COMMITTEE ADVISING:

University of Kansas Ph.D. committee member

- 2018** Xiao Yang (Linguistics); Charles Redmon (Linguistics); Seulgi Shin (Linguistics); Yuyu Rustle Zeng (Linguistics); Ruoqian Lucy Cheng (Linguistics); JinMyung Lee (Linguistics); Shuxiao Donald Gong (Linguistics); Sheyenne Fishero (Linguistics)
- 2017** Cynthia Siew (Psychology); Katrina Connell (Linguistics); Mingxing Li (Linguistics); Zhen Qin (Linguistics); Beverly Gruver (Education, C&T)
- 2016** Kate Coughlin (Linguistics); Hanbo Yan (Linguistics); Maite Martinez-Garcia (Linguistics)
- 2015** Karen Detrixhe (Education, C&T); Adrienne Johnson (Linguistics)
- 2014** G. Lee (Linguistics); R. Goldstein (Psychology)
- 2013** Abudalbh (Linguistics); Berkson (Linguistics); Bond (Linguistics); H. Lee (Linguistics); J. Liu (Linguistics)
- 2012** Chan (Psychology); Canales (Linguistics); Slimon (Education, C&T); Bae (Education, C&T)
- 2011** Souille-Rigaut (Linguistics); McConnell (Speech-Language-Hearing)
- 2010** Hyeong-Kyun Oh (Education); Olga Blaga (Psychology); Melissa Stamer (Education); Chris Souille-Rigaut (Linguistics); Mohammad Al-Masri (Linguistics)
- 2009** Marcela Quintana-Lara (Education); Margaret Berg (Education)
- 2008** Yuwen Lai (Linguistics); Stephenson Beck (Communication Studies); Ryan Bisel (Communication Studies); Hui Yao (Education)
- 2007** Lizbeth Finestack (Speech-Language-Hearing); Tracy Hirata-Edds (Child Language); Junko Maekawa (Speech-Language-Hearing); Devin Land (Psychology)
- 2006** Kazumi Maniwa (Linguistics); Francie Christopher (Education); JinYoung Kim Park (Education); Hesham Alkatani (Education); Chiu-hua Fu (Education); Junko Young (Speech-Language-Hearing)
- 2005** Maria del Carmen Parafita Couto (Linguistics); Ling Yan (Linguistics); Sung-Hee Park (Education); Mohammed Alsobaihi (Education); Fang-Chun Ou (Education); Hyeong-Kyun Oh (Education); Mark Yates (Psychology)

- 2004** Osama Abdel-Gafer (Linguistics); Ivonne Heinze (Linguistics); Melissa Renfrow (Education); Mi-Jung Moon (Education)
- 2003** Travis Wade (Linguistics); Khaled Abu-Abbas (Linguistics); Vilma Joseph (Linguistics); Ivonne Heinze-Balcazar (Linguistics); Hesham Alkatani (Education); Kimberly Metcalf (Psychology); Kenneth Carter (Psychology)
- 2002** Yuko Koike (Linguistics)
- 2001** Woo-Hyung Kim (Education); Moon-Bok Lee (Education); Argenis Zapata-Bercera (Education)

University of Kansas M.A. committee member

- 2018** Xiao Yang (Linguistics); Yuyu Rustle Zeng (Linguistics); Jin Myung Lee (Linguistics); Shuxiao Donald Gong (Linguistics); Ruoqian Lucy Cheng (Linguistics)
- 2017** Charles Redmon (Linguistics)
- 2015** Wenchi Yeh (Linguistics); Cynthia Siew (Psychology)
- 2014** Aldamen (Linguistics)
- 2013** Hsieh (Linguistics); Nakata (Linguistics); Martinez-Garcia (Linguistics); Yan (Linguistics)
- 2012** Lanfranca (Linguistics); Johnson (Linguistics)
- 2011** Steidley (Linguistics); G. Lee (Linguistics); Chan (Psychology); Lanfranca (Linguistics)
- 2010** Alexander Donoso (Psychology); Yakefu Mayila (Linguistics); Mujdey Abudaljuh (Linguistics); Kelly Berkson (Linguistics); Alonso Canales Viquez (Linguistics); Jiang Liu (Linguistics)
- 2009** Hyunjung Lee (Linguistics); Ellen Rozek (Psychology)
- 2008** Daniel Kasperek (Linguistics); Sanae Akaba (Linguistics)
- 2007** Kit Ying Chan (Psychology); Jacqueline Canard (Linguistics); Wendy Herd (Linguistics)
- 2006** Mohammad Al-Masri (Linguistics); Junko Maekawa (Speech-Language-Hearing)
- 2005** Olga Dmitrieva (Linguistics); Hui Yao (Curriculum & Instruction)
- 2004** YuWen Lai (Linguistics)
- 2003** Natalia Lin (Linguistics)

Bonn University M.A. Examiner

- 2017** Ivonne Weyers

University of Western Sydney Ph.D. Examiner

- 2010** Damien Smith

University of Nijmegen, The Netherlands Ph.D. committee member

- 2002** Kerstin Mauth
- 2001** Andrea Weber

Cornell University Ph.D. committee member

- 2002** Maria Blume (Linguistics); Nuria Ortega (Linguistics); Bill Dunn (Romance Studies); James Mitchell (Romance Studies)
- 2001** Yue Wang (Linguistics); Traci Suiter (Linguistics); Susanne Tsivkin (Psychology)
- 2000** Kazumi Yamamoto (Psychology); Viorica Marian (Psychology)
- 1999** Tobey Doeleman (Linguistics)
- 1998** David DeWitt (Romance Studies)

1997 Aneta Pavlenko (Linguistics); Catalin Kaser (Romance Studies); Howard Grabois (Romance Studies)

1995 Corinne Moore (Linguistics)

Cornell University M.A. committee member

1999 David Brandt (Linguistics)

1997 Gary Gruberth (Psychology)

COURSES TAUGHT (University of Kansas)

Language and Mind (Ling 110), University of Kansas

An introductory course fulfilling CLAS General Education Degree Requirements. The field of linguistic science is examined, specifically studying the relation between language and the mind.

Language and Mind, Honors (Ling 111), University of Kansas

An Honors course examining the field of linguistic science, specifically studying the relation between language and the mind.

Psycholinguistics (Ling 435, Psych 735, Ling 735), University of Kansas

A detailed examination of issues in the processing of language, reflecting the influence of linguistic theory and experimental psychology. Language comprehension, language production, and language acquisition issues are discussed. The course is cross-listed in Linguistics and Psychology.

Topics in Psycholinguistics (Ling 737, Psych 737), University of Kansas

This course explores the psycholinguistic and neurolinguistic study of language in lexical processing. We consider key concepts such as representations, kinds of architecture, computation, and timing in language processing. A major focus is on how linguistic structures are perceived and produced in real-time, what those processes tell us about the basic nature of the representations under study, and how we use timing-based methods. The course highlights psycholinguistic and neurolinguistic research methods (specifically eye movement data) to think critically about what the method can show and how it is relevant to addressing basic psycholinguistic processing issues. The course is cross-listed in Linguistics and Psychology.

Methods of Experimental Research (Ling 420, Ling 720), University of Kansas

A detailed study of experimental design, research methods, and statistical analyses. The class focuses on concepts in research design, descriptive statistics, and inferential statistics. SPSS software is used.

Linguistics and Second Language Acquisition (Ling 415/Ling 715), University of Kansas

An introduction to the study of second language acquisition. Most second language learners acquire a second language slowly, with some effort, and usually incompletely. The main aim of the course is to begin to understand the explanations for such a pattern.

Proseminar (Ling 794), University of Kansas

This course is targeted toward incoming graduate students in Linguistics. Students are introduced to the field of Linguistics and to research areas represented by the faculty in the department.

Language Variability and Language Learning (Ling 910), University of Kansas

This seminar focuses on the highly variable nature of the speech signal. While variability was traditionally seen as a nuisance, recent research has shown that this variability can be helpful in the process of speech comprehension. This seminar will investigate variability, examining a number of sources of variability, including talker, rate, and dialect. We will examine learning in both L1 and L2 perception.

Acquisition of Spoken Language (Ling 910), University of Kansas

This seminar focuses on the early stages of language (L1 and L2) development, focusing on spoken language acquisition and including a discussion of the role of innate knowledge versus linguistic experience.

Empirical Research Seminar (Ling 850), University of Kansas

A seminar for upper level graduate students pursuing individual experimental research projects.

COURSES TAUGHT (Cornell University)

Psychology of Language (Psych 215) - Fall 1992, Fall 1993, Fall 1994, Fall 1995, Spring 1998

Advanced Psychology of Language (Psych 715) - Fall 1993, Fall 1994, Fall 1995, Spring 1998

Experimental Research in Language Sciences (Ling 637) - Fall 1995, Fall 1997

Language Learning and Language Use (Ling 110) - Fall 1996, Fall 1997

Cognitive Studies Proseminar (Psychology/Linguistics/Comp. Sci/Philosophy 773/774) - Fall 1995 & Spring 1996, Fall 1996 & Spring 1997, Fall 1997 & Spring 1998

Introduction to Bilingualism (Ling 200) - Spring 1997

Seminar on Spoken Language (Psych 518/Ling 700) - Spring 1995

Living With Two Languages (Ling 700) - Spring 1996

Theory and Practice of Linguistics (Ling 101) - Spring 1993

COURSES TAUGHT (Washington University in St. Louis)

Introduction to Syntactic Theory - Fall 1987

SERVICE ACTIVITIES

Departmental Service

- Chair, Linguistics Department (**2016-present**)

- Associate Chair, Linguistics Department (**2004-2005, 2006-2016**)
- Director of Undergraduate Studies, Linguistics Department (**2006-2011, Fall 2012**)
- Honors Program Coordinator, Linguistics Department (**2006-2011**)

- Co-Director, KU Phonetics and Psycholinguistics Laboratory (**1999-present**)
- Promotion Review, Chair (Zhang: **2015-2016**)
- Promotion and Tenure Review (Tremblay: **2014-2015**; Fiorentino: **2011-12**; Gabriele: **2010-11**; Torrence: **2010-11**; Zhang: **2008-2009**)
- Chair, Sabbatical Leaves Committee (Fiorentino, **2012-13**)
- Chair, Third Year Progress toward Tenure Review (Gabriele: **2007-2008**)
- Third Year Progress toward Tenure Review (Zhang **2005-2006**; Torrence **2007-2008**; Minai: **2011-2012**)

- Graduate Admission Committee (**2013-2014; 2014-2015, 2015-2016**)
- Evaluation of Teaching Committee (**2012-present**)
- Budget Advisory Committee (**2000-2004, 2007-present**)
- Peer Evaluation Committee (**Chair 2000-2004, 2006-present**)
- Teaching Assistantships Committee (**1999-2000, Chair 2000-2001, 2004-2005, 2009-present**)
- Non-Indo-European Language Committee (**2002-03, Chair 2003-2004, 2005-2007**)
- Fellowships and Awards Committee (**2003-2005, 2012-2013**)
- Reader M.A. Comprehensive Papers (**2000-2002**)
- Faculty Mentor (**2005-present**)
- Majors Fair (**2005-present**)

- Chair, Bilingualism Faculty Search Committee (**2008-2009**)
- Chair, Bilingualism Faculty Search Committee (**2007-2008**)
- Chair, Second Language Acquisition Faculty Search Committee (**2004-2005**)
- Cognitive Neuroscience Faculty Search Committee (**2005-2006**)
- Cognitive Neuroscience Faculty Search Committee (**2004-2005**)
- Phonology Faculty Search Committee (**2002-2003**)
- Chair, Visiting Assistant Professor in Phonology Search Committee (**2001-2002**)

School Service, College of Liberal Arts and Sciences (CLAS)

- Promotion Review, Dept. of Germanic Languages & Literatures (Vyatkina: **2017-2018**)
- Philosophy Chair Faculty Search Committee (Fall **2011-2012**)
- CLAS Space Committee (**2012**)
- CLAS Committee on Undergraduate Studies and Advising (CUSA) (Fall **2010-2012**)
- Curricular Changes - CUSA (Fall **2010-2012**)

- CLAS Committee on Sabbatical Leaves (2001-2002, 2004-06)
- General Research Fund Committee, Behavioral Sciences (2007-2009)
- Member Kansas Intellectual and Developmental Disabilities Center (2012- present)
- Member Institute for Neurological Disorders, KU Medical Center (2012- present)
- Member of Mentoring team for Sarah Ferguson, faculty member in SPLH (2004-2010)
- Slavic Linguistics Search Committee (2002-2003)
- Member of Doctoral Program in Child Language (1999-present)
- Member of Experimental Psychology faculty, Department of Psychology (1999-present)

University Service

- Senior Administrative Fellow, Provost's Office (2013-2014)
- KU Summer Orientation Program, *In the Classroom with a KU Professor* (Summer 2012, 2013, 2014, 2015)
Lectured to 700 incoming students accompanied by their guests and parents.
- KU Transfer Orientation Sessions – *In the Classroom* – Spring 2014, Spring 2015, Spring 2016
Lectured to 400 incoming students accompanied by their guests and parents.
- Faculty Fellow for Faculty Development (Vice Provost Mary Lee Hummert) (2013-2014)
- Higher Learning Commission (HLC) Reaccreditation Self Study Committee (2013-2014)

Teaching and Learning: Quality, Resources and Support Subcommittee

- Office of Admissions, Faculty Lecturer, In the Classroom, KU Junior Days (2011, 2012, 2016)
- Rock Chalk Roadshow, Office of Admissions (2013)
- Committee on Evaluation of Chairpersons and Directors (CECD) (2008-2010)
- Faculty Compensation Committee (2007-2012)
- University Committee on Sabbatical Leaves (UCSL) (2006-2009)
- Academic Misconduct Hearing Panel (2005-2009)
- Faculty Executive (FacEx) Committee: Task Force on Sabbatical Leaves (2010-2011)
- Faculty Senate Faculty Compensation Committee (2007-2010)
- University Senate (2005-2008)
- Faculty Senate (2005-2008)
- Faculty Executive (FacEx) Committee: Task Force on Research Computing (2007-2008)
- Faculty Executive (FacEx) Committee: Academic Policies & Procedures Committee (2006-2007)
- University Honors Council (2006-2012)
- University Honors Council Undergraduate Research Committee (2006-2012)
- University Honors Council Subcommittee on Undergraduate Research Awards (2006-2012)
- Award Judge (oral presentations), Annual Undergraduate Research Symposium (2007-present)

Professional Service

- Chair, **American Association for the Advancement of Science (AAAS)**, Section on Linguistics & Language Science (Section Z), 2016-2019
- Co-Editor, **Language and Speech**, 2013 – 2018
- Editorial Board, **Applied Psycholinguistics**, 2011- present
- Steering Group Member-at-Large, **American Association for the Advancement of Science (AAAS)**, Linguistics and Language Science (Section Z), 2011-2015
- Associate Editor, **Language and Speech**, 2008 – 2012
- Student Outreach Mentoring Lunch, **Acoustical Society of America (ASA)** Education Committee
- Professional affiliations:
 - Psychonomic Society
 - Association of Psychological Science (APS)
 - Acoustical Society of America (ASA)
 - American Association for the Advancement of Science (AAAS)
- Reviewer for New Sounds 2019
- Reviewer for International Congress of Phonetic Sciences (ICPhS) 2019