

HEIKE LEHNERT-LEHOULLIER

CURRICULUM VITAE

Heike Lehnert-LeHouillier
Department of Special Education / Communication Disorders
P. O. Box 30001, MSC 3SPE
New Mexico State University
Las Cruces, NM 88003
USA

e-mail: hlehnert@nmsu.edu
phone: 575-646-5560

AREAS OF SPECIALIZATION:

Speech Science
Phonetics
Voice Disorders

CERTIFICATIONS:

Lee Silverman Voice Treatment (LSVT) certified clinician since 2014
Teacher of Students with Speech and Language Disabilities (TSSLD), NY

EDUCATION:

2007-2010 NIH Postdoctoral Researcher in the Center for Language Sciences,
University of Rochester
2007 Ph.D. in Linguistics, University at Buffalo
Dissertation: The perception of vowel quantity: A cross-linguistic
investigation
2014 M.A. Speech Language Pathology, University at Buffalo
2003 LSA Summer Institute, Michigan State University
2002 Summer School on Spoken Language, Ohio State University
1998 M.A. in Applied Linguistics, SIU Carbondale
1996 Zwischenprüfung (roughly equivalent to B.A.) in Romance Languages
(French&Italian), English, and History, Technical University Chemnitz

EMPLOYMENT:

2014-present Visiting Assistant Professor, Department of Special
Education/Communication Disorders, New Mexico State University, Las
Cruces
2010-2014 Visiting Research Assistant Professor, Department of Communicative
Disorders and Sciences, University at Buffalo
2010 Visiting Assistant Professor, Department of Linguistics, University of
Rochester
2008 -2009 Visiting Assistant Professor, Department of Linguistics, University of
Rochester
2004-2006 Teaching Assistant/Instructor, University at Buffalo (Linguistics)
2003-2004 Research Assistant, Haskins Laboratories, New Haven, CT (Project: Links
between production and perception of speech, PI: D.H. Whalen)

- 1999-2003 Instructor, University at Buffalo (German Program)
 1999 Research Fellow (wissenschaftliche Mitarbeiterin) in the German Department at the Technical University Chemnitz

TEACHING EXPERIENCE:

- 2014 Anatomy & Physiology of Speech Mechanisms, Voice Disorders (NMSU)
 2011 Phonology I (University at Buffalo; Instructor)
 2010 Phonetics (University of Rochester; Instructor)
 2010 Seminar on Prosody (University of Rochester; Instructor)
 2009 Topics in Phonetics and Phonology (University of Rochester; Instructor)
 2008 Introduction to Linguistic Analysis (University of Rochester; Instructor)
 2006 Phonetics (University at Buffalo; TA)
 2004-2005 The Sound Structure of English (University at Buffalo; Instructor)
 2005 Language in a Pluralistic America (University at Buffalo; TA)
 1999-2003 German 101, 201, 202 (University at Buffalo; Instructor)

PUBLICATIONS:

- 2013 **Lehnert-LeHouillier, H.** From long to short and from short to long: Perceptual motivations for changes in vocalic length. In Yu, Alan (ed.) *Origins of Sound Change: Approaches to Phonologization*, pp. 98-111. Oxford University Press.
- 2011 Yan, Q., **Lehnert-LeHouillier, H.**, & McDonough, J. Articulatory-acoustic interactions in the prosodic strengthening of domain-initial vowels in Mandarin Chinese. *Proceedings of the 9th International Seminar on Speech Production*. Montreal, Canada.
- 2010 **Lehnert-LeHouillier, H.** A cross-linguistic investigation of cues to vowel length perception. *Journal of Phonetics*, 38, 472-482.
- 2010 **Lehnert-LeHouillier, H.** McDonough, J., & Stephen McAleavey. Prosodic strengthening in American English domain-initial vowels. In: *Proceedings of Speech Prosody 2010*, online publication.
- 2009 **Lehnert-LeHouillier, H.** Phonetic and phonological aspects of liquid devoicing in Thai, Hungarian, and American English stop-sequences. In: Lehnert-LeHouillier, H. & A. B. Fine (Eds.), *University of Rochester Working Papers in the Language Sciences*, 5(1), 49-68.
- 2008 Jacob, M., **Lehnert-LeHouillier, H.**, Bora, S., McAleavey, S. Dalecki, D., & McDonough, J. Speckle tracking for the recovery of displacement and velocity information from sequences of ultrasound images of the tongue. *Proceedings of 8th International Seminar on Speech Production*, Strasbourg, France.
- 2007 **Lehnert-LeHouillier, H.** The influence of dynamic F0 on the perception of vowel duration: Cross-linguistic evidence. *Proceedings of the XVI International Congress of the Phonetic Sciences*, Saarbrücken, Germany, 757-760.

- 2006 **Lehnert-LeHouillier, H.** An acoustic analysis of the separation of pitch and stressing Onondaga. In: Cover, R. & Y. Kim (Eds.), *Proceedings of the 31st Meeting of the Berkeley Linguistics Society*. Berkeley: BLS, 431-442.
- 2005 Whalen, D.H., Iskarous, K., Tiede, M.K., Ostry, D.J., **Lehnert-LeHouillier, H.**, Vatikiotis-Bateson, E., & Hailey, D.S. The Haskins Optically Corrected Ultrasound (HOCUS). *Journal of Speech, Language, and Hearing Research*, 48, 543-553.
- 2000 Fuller, J. M. & **Lehnert, H.** Noun phrase structure in German-English codeswitching: Variation in gender assignment and article use. *The International Journal of Bilingualism*, 4, 3999-420.

EDITED VOLUMES:

Lehnert-LeHouillier, H. & A.B. Fine (2009). *University of Rochester Working Papers in the Language Sciences*, 5(1).

PRESENTATIONS:

- 2011 “The articulatory realization of vowel gestures at the beginning of prosodic domains” Invited talk, Department of Linguistics, University of Canterbury, New Zealand.
- 2011 “Articulatory-acoustic interactions in the prosodic strengthening of domain-initial vowels in Mandarin Chinese” (with Qingyang Yan & Joyce McDonough) Poster presented at the 9th International Seminar on Speech Production. Montreal, Canada.
- 2010 The dynamics of lexical neighborhood effects on phonetic processing. (with Jordana Heller & Matt Goldrick) Poster presented at the 6th International Workshop on Language Production. Edinburgh, UK.
- 2010 “Is longer also stronger? The relationship between temporal and spatial expansion in domain-initial prosodic strengthening of vowels” (with Joyce McDonough) Poster presented at LabPhon 12, Albuquerque, NM.
- 2010 “Prosodic strengthening of American English domain-initial vowels” (with Joyce McDonough & Steve McAleavey) Poster presented at Speech Prosody, Chicago, IL.
- 2010 “Investigating lexically conditioned variation using ultrasound.” (with Jordana Heller & Matt Goldrick) Talk presented at Ultrafest V. New Haven, CT.
- 2010 “The importance of the acoustic realization of pronunciation variants in lexical activation.” (with Neil Bardhan & Joyce McDonough) Poster presented at the 84th Annual Meeting of the Linguistic Society of America, Baltimore, MD.
- 2009 “The perception of nasalized vowels in American English: An investigation of on-line use of vowel nasalization in lexical access.” (with Joyce McDonough, and Neil Bardhan) Poster presented at NASAL 2009, Montpellier, France.

- 2009 “What is the domain of domain-initial strengthening in American English?” (with Joyce McDonough) Talk presented at the 83rd Annual Meeting of the Linguistic Society of America, San Francisco, CA.
- 2008 “Speckle tracking for the recovery of displacement and velocity information from sequences of ultrasound images of the tongue.” Talk presented at the 8th International Seminar on Speech Production, Strasbourg, France.
- 2008 “The role of language specificity of perceptual cues in the phonologization process”. Talk presented at the Symposium on Phonologization, University of Chicago, IL.
- 2007 “The perception of vowel quantity: A cross-linguistic investigation.” Invited talk, BCS colloquium series, University of Rochester.
- 2007 “Perceptual cues to vowel quantity.” Invited talk, Linguistics Department, San José State University.
- 2007 “My cue is not your cue: A cross-linguistic study of perceptual cues to vowel quantity.” Talk presented at the 81st Annual Meeting of the Linguistics Society of America, Anaheim, CA.
- 2006 “Enhancement of the vowel quantity contrast in German and Japanese by F0 and vowel quality.” (with D.H. Whalen) Poster presented at the 151st Meeting of the Acoustical Society of America, Providence, RI.
- 2005 “An acoustic analysis of the separation of stress and pitch in Onondaga.” Talk presented at 31st Meeting of the Berkeley Linguistics Society, Berkeley, CA.
- 2004 “Modeling the acoustics of American English /r/ using configurable articulatory synthesis (CASYS).” (with K. Iskarous & D.H. Whalen) Poster presented at the 147th Meeting of the Acoustical Society of America, New York, NY.
- 2003 “Pennsylvania German Intonation: A case of contact induced language change?” Talk presented at the 9th Germanic Linguistics Annual Conference (GLAC), Buffalo, NY.
- 2003 “Phonetic and phonological aspects of liquid devoicing in Thai, Hungarian, and American English.” Invited talk, Haskins Laboratories, New Haven, CT.
- 2003 “Discrete and gradient aspects of devoicing in Hungarian, Thai, and English stop-liquid sequences.” Talk presented at the 77th Annual Meeting of the Linguistics Society of America, Atlanta, GA.
- 2001 “A prosodic account of the French language game ‘Verlan’.” Talk presented at the Montréal – Ottawa – Toronto Phonology Workshop, Ottawa.
- 1999 “Constructing a grammatical frame: Noun phrase structure in German-English codeswitching.” (with J.M. Fuller) Talk presented at the 2nd International Symposium on Bilingualism, Newcastle upon Tyne.

AWARDS & HONORS:

- 2007-2010 NIH Postdoctoral Fellowship
- 2005-2006 Dissertation Fellowship, University at Buffalo
- 2003-2004 Grant from the Phillips Fund for Native American Research (Onondaga)
- 2003 Linguistics Society of America, Summer Institute Student Tuition Fellowship (Michigan State University)
- 2002 Summer School on Spoken Language, Tuition Fellowship (Ohio State University)
- 1998 Best M.A. Thesis of the year in the Linguistics Department at SIU Carbondale
- 1997-1998 Fulbright Fellowship for study at graduate level in the US (SIU Carbondale)
- 1996-1997 DAAD (German Academic Exchange Service) Fellowship for students of Romance languages for study at the University Rennes II, France