

CURRICULUM VITAE

Lynne C. Nygaard

Department of Psychology
36 Eagle Row
Emory University
Atlanta, Georgia 30322

Phone: (404) 727-0766
Fax: (404) 727-0372
email: lnygaar@emory.edu

Education

1990-1993	NIH Postdoctoral Trainee, Indiana University, Bloomington, Indiana
1991	Ph.D. Cognitive Science, Brown University, Providence, Rhode Island
1985	B.A. Psychology, Barnard College, New York, New York

Academic Positions

2011-present	Full Professor, Department of Psychology, Emory University, Atlanta, GA
2002-present	Core Faculty, Linguistics Program, Emory University, Atlanta, GA
1997-present	Associated Faculty, Neuroscience and Behavioral Biology Program, Emory University, Atlanta, GA
2001-2011	Associate Professor, Department of Psychology, Emory University, Atlanta, GA
1996-2002	Associated Faculty, Linguistics Program, Emory University, Atlanta, GA
1995-2001	Assistant Professor, Department of Psychology, Emory University, Atlanta, GA
1994-1995	Research Scientist, Speech Research Laboratory, Department of Psychology, Indiana University, Bloomington, IN
1993-1994	Research Associate, Speech Research Laboratory, Department of Psychology, Indiana University, Bloomington, IN
1993-1994	Visiting Assistant Professor, Department of Psychology, Indiana University, Bloomington, IN
1985-1986	Laboratory Manager, Laboratory of Dr. Robert E. Remez, Barnard College, New York, New York

Research Interests

- Speech perception and spoken language processing
- Perceptual learning and functional plasticity
- Emotional and social processing during spoken communication
- Relationship between form and meaning in language
- Auditory imagery

Awards, Honors, and Fellowships

2012	Fellow, Association for Psychological Science
2010	Visiting scholar, Max Planck Institute (MPI) for Psycholinguistics, Nijmegen, The Netherlands, funded by a collaborative grant to Alexandra Jesse and Eva Reinisch (MPI)
2009	Faculty mentor recognition, Phi Beta Kappa
2008	Faculty mentor recognition, Phi Beta Kappa
2000	Curriculum Development Award for “Perception and Action,” Emory University Faculty Science Council, Center for Teaching and Curriculum, and Hughes Initiative
1999	Nominated for the Crystal Apple Award for Excellence in Undergraduate Teaching

- 1999 Arthur M. Blank/NEH Video Teaching Observation Award
- 1990 NIH Individual Postdoctoral Fellowship, awarded but declined
- 1990 Mellon Foundation Fellowship, Brown University, Providence, RI
- 1990 Selected Participant in the James S. McDonnell Summer Institute in Cognitive Neuroscience, Dartmouth College, July 2-13,
- 1985 Graduated cum laude with Honors in Psychology, Barnard College, New York, NY

Grant Support – Current Awards

National Institutes of Health (NEI, R01), 2015-2018, *Crossmodal correspondences between visual and auditory features*. Role: Multiple PI (with Krish Sathian, MD/PhD)
 Emory College Program to Enhance Research and Scholarship (PERS), 2016, *Reorganization of auditory cortex in human adults*. Role: PI

Grant Support – Pending Awards

National Institutes of Health (T32), 2017-2022, *Mechanisms of Learning Across Development and Species*
 PIs: Patricia Bauer and Robert Hampton. Role: Preceptor

Grant Support - Past Awards

Emory University Research Committee (URC) Grant, *Neural Bases of Cross-Modal Mappings*, 2015-2016, Role: co-PI, (with Krish Sathian, MD/PhD)
 Emory FERN Education Grant, *The Neural Bases of Cross-Modal Mappings*, 2014-2015.
 National Institutes of Health (NIDCD RO1), 2006-2011, *Perceptual learning in spoken language comprehension*. Role: PI
 Emory University Conference subvention funds, 2010, for a Cognition Project Workshop entitled, *Sound symbolism: Challenging the Arbitrariness of Language*, co-PI with Laura Namy.
 Emory College Instrumentation, Bridge, Instruction, and Seed (IBIS) Grant, 2008-2009, *The Embodiment of Language*, co-PI with Laura Namy.
 Undergraduate Research Matching Grant, 2008, *Perceptual learning in spoken language comprehension*.
 Emory University Research Council Grant, *Auditory Imagery for Spoken Language*, 2005-2006.
 Emory University Research Council Grant, 2000-2001, *Learning Dialect and Accent during the Perception of Speech*.
 National Institutes of Health (B/START - RO3), 1997-1999, *The Role of Emotional Tone of Voice in Spoken Language*.

Editorial Activities

Associate Editor, *Attention, Perception and Psychophysics*, 2007-2014

Editorial Board

Journal of Experimental Psychology: General, 2011-present

Journal of Experimental Psychology: Human Perception and Performance, 1998-2002

Ad Hoc Reviewer - Journals

Attention, Perception & Psychophysics, Cerebral Cortex, Child Development, Cognition, Cognition and Emotion, Cognitive Science, Ear and Hearing, Journal of the Acoustical Society of America, Journal of Experimental Psychology: Human Perception and Performance, Journal of Cognitive Neuroscience, Journal of Memory and Language, Journal of Phonetics, Journal of Speech and Hearing Research, Language and Cognitive Processes, Perception, Proceedings of the National Academy of Sciences, Psychological Review, Psychological Science, Psychonomic Bulletin & Review, Psychophysiology, Quarterly Journal of Experimental Psychology

Ad Hoc Reviewer - Abstracts/Conference Presentations

Conference of the Cognitive Science Society, 2004, 2005
16th International Congress on Acoustics and 135th Meeting of the Acoustical Society of America, Seattle, Washington
International Conference for Spoken Language Processing, Sydney, Australia
Fourth Conference on Conceptual Structure, Discourse, and Language, Emory University

Grant Review Activities

Review panel, National Science Foundation, NRT Social Science Panel, 2014.
Review panel, National Institute of Deafness and Communication Disorders (NIDCD), Special Emphasis Panel ZDC1 SRB R 40 Review of Fellowship Applications, February, 2013.
Review panel, National Institute of Deafness and Communication Disorders (NIDCD), Special Emphasis Panel ZDC1 SRB R 36 Review of Fellowship Applications, June, 2012.
Review panel, National Science Foundation, Perception, Action, and Cognition, 2009.
Review panel, National Institutes of Health, Language and Communication Study Section (LCOM), October 6-7, 2008.
Review panel, National Institute of Deafness and Communication Disorders (NIDCD), Special Emphasis Panel/Scientific Review Group on Hearing and Balance, February, 2008.
Review panel, National Institute of Deafness and Communication Disorders (NIDCD), Special Emphasis Panel/Scientific Review Group on Hearing and Balance, June, 2007.
Review panel, National Institutes of Health, Special Emphasis Panel, Summer, 2000.
Ad Hoc Reviewer - Granting Agencies
National Science Foundation
US-Israel Binational Science Foundation
NSERC

Professional Affiliations

Association for Psychological Science
Acoustical Society of America
Psychonomic Society
Cognitive Science Society
Cognitive Neuroscience Society
Society of the Neurobiology of Language

Other Professional Activities

Beckman Scholars Program Faculty, 2016-present
Invited participant, ABLE workshop *From Tools and Gestures to the Language Ready Brain*, Spring 2016
Psychonomics Society mentoring program participant, Fall 2015
Organized CMBC *Neuroscience Workshop on Dimensionality Reduction Methods* (with Dieter Jaeger, Dept. of Biology), sponsored by Center for Mind, Brain, and Culture and the Institute for Quantitative Methods, Emory College, October 30-31, 2015.
Academic Leadership Program selected participant, 2012
Organized (with Laura Namy) the *Workshop on Sound Symbolism: Challenging the Arbitrariness of Language* sponsored by the Emory Cognition Project, Department of Psychology, and by the University Subvention Fund, Emory University, March 26-27, 2010
Organized *Workshop on Acoustic Analysis with Praat and GSUTools*, conducted by Michael Owren (Georgia State University). Department of Psychology, Emory University, May, 2008.

Speech Communication Technical Committee Representative at the organizational meeting of the 139th meeting of the Acoustical Society of America, Atlanta, GA, May, 2000.

Organized (with Philippe Rochat) the *Symposium on Emotion in Communication* sponsored by the Emory Cognition Project, Department of Psychology, Emory University, March 26-27, 1999.

Publications

Lewandowski, E.M., Schroerlucke, S.K., & Nygaard, L.C. (submitted). Vocal alignment as a function of expected age of the speaker. *Cognition*.

McCormick, K.R., Lacey, S., Stilla, R., Nygaard, L.C., & Sathian, K. (submitted). Neural basis of the crossmodal correspondence between auditory pitch and visuospatial elevation. *Neuropsychologia*.

Lewandowski, E.M., & Nygaard, L.C. (in revision). Vocal alignment to Spanish-accented speech. *Journal of the Acoustical Society of America*.

Tzeng, C.Y., Duan, J., Namy, L.L., & Nygaard, L.C. (2017). Prosody in speech as a source of referential information. *Language, Cognition and Neuroscience*, DOI: 10.1080/23273798.2017.1391400.

Revill, K.P., Namy, L.L., & Nygaard, L.C. (2017). Eye movements reveal persistent sensitivity to sound symbolism in online lexical processing. *Journal of Experimental Psychology: Learning, Memory, & Cognition*. Advance online publication, <http://dx.doi.org/10.1037/xlm0000476>.

Tzeng, C.Y., Nygaard, L.C., & Namy, L.L. (2017). Developmental change in children's sensitivity to sound symbolism. *Journal of Experimental Child Psychology*, 160, 107-118.

Jamal, Y., Lacey, S., Nygaard, L.C., Sathian, K. (2017). Interactions between auditory elevation, auditory pitch and visual elevation during multisensory perception. *Multisensory Research*, 30(3-5), 287-306. DOI:10.1163/22134808-00002553

Nygaard, L.C., & Tzeng, C.Y. (2018). Linguistic and nonlinguistic factors in speech perception. In Nygaard, L. C., Pardo, J. S., Pisoni, D. B., & Remez, R. E. (Eds.) *The Handbook of Speech Perception*, Second Edition. Wiley. Under contract.

Nygaard, L.C., Pardo, J. S., Pisoni, D. B., & Remez, R. E. (Eds.) (2018). *The Handbook of Speech Perception*, Second Edition. Wiley. Under contract.

Tzeng, C.Y., Nygaard, L.C., & Namy, L.L. (2016). The specificity of sound symbolic correspondences in spoken language. *Cognitive Science*, 33(1), 1-30. DOI: 10.1111/cogs.12474

Tzeng, C.Y., Alexander, J.E.D., Sidaras, S.K., & Nygaard, L.C. (2016). The role of training structure in perceptual learning of accented speech. *Journal of Experimental Psychology: Human Perception and Performance*, 42(11), 1793-1805. PMID: PMC5083239. doi: [10.1037/xhp0000260](https://doi.org/10.1037/xhp0000260)

Revill, K.P., Namy, L.L., DeFife, L.C., & Nygaard, L.C. (2014). Cross-linguistic sound symbolism and crossmodal correspondence: Evidence from fMRI and DTI. *Brain and Language*, 128, 18-24. doi: 10.1016/j.bandl.2013.11.002.

- Reinisch, E., Jesse, A., & Nygaard, L.C. (2013). Tone of voice guides word learning in informative referential contexts. *The Quarterly Journal of Experimental Psychology*, 66, 1227-1240. doi:10.1080/17470218.2012.736525, PMCID: PMC3568458.
- Herold, D.S., Nygaard, L.C., & Namy, L.L. (2012). Say it like you mean it: Mothers' use of prosody to convey word meaning. *Language and Speech*, 55(3), 423-436. DOI: 10.1177/0023830911422212
- Heaton, H., & Nygaard, L.C. (2011). Charm or harm: Effect of passage content on listener attitudes toward American English accents. *Journal of Language and Social Psychology* 30(2), 202-211. DOI: 10.1177/0261927X10397288. PMCID: PMC3124097.
- Herold, D.S., Nygaard, L.C., Chicos, K., & Namy, L.L. (2011). The developing role of prosody in novel word interpretation. *Journal of Experimental Child Psychology*, 108(2), 229-241. DOI:10.1016/j.jecp.2010.09.005
- Nygaard, L.C., Cook, A.E., & Namy, L.L. (2009). Sound to meaning correspondences facilitate word learning. *Cognition*, 112, 181-186. doi:10.1016/j.cognition.2009.04.001
- Sidaras, S.K., Alexander, J.D., & Nygaard, L.C. (2009). Perceptual learning of an accent category in speech. *Journal of the Acoustical Society of America*, 125, 3306-3316. DOI: 10.1121/1.3101452. PMCID: PMC2736743.
- Nygaard, L.C., Herold, D.S., & Namy, L.L. (2009). The semantics of prosody: Acoustic and perceptual evidence of prosodic correlates to word meaning. *Cognitive Science*, 33, 127-146. DOI: 10.1111/j.1551-6709.2008.01007.x
- Namy, L.L., & Nygaard, L.C. (2008). Perceptual-motor constraints on sound to meaning correspondence in language. *Behavioral and Brain Sciences*, 31, 528-529.
- Fugate, J.M.B., Gouzoules, H., & Nygaard, L.C. (2008). Recognition of rhesus macaque (*Macaca mulatta*) noisy screams: Evidence from conspecifics and human listeners. *American Journal of Primatology*, 70, 594-604.
- Nygaard, L.C., & Queen, J.S. (2008). Communicating emotion: Linking affective prosody and word meaning. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 1017-1030.
- Alexander, J.E.D., & Nygaard, L.C. (2008). Reading voices and hearing text: Talker-specific auditory imagery in reading. *Journal of Experimental Psychology: Human Perception and Performance*, 34, 446-459.
- Nygaard, L.C. (2005). Linguistic and nonlinguistic factors in speech perception. In D.B. Pisoni & R.E. Remez (Eds.), *Handbook of speech perception*. Oxford, England: Blackwell Publishers.
- Nygaard, L.C. (2003). Perceptual stability and informative variation: A commentary on Remez, Goldinger & Azuma, and Local. *Journal of Phonetics*, 30, 345-349.
- Namy, L. L., Nygaard, L.C., & Sauerteig, D. (2002). Gender differences in vocal accommodation: The role of perception. *Journal of Language and Social Psychology*, 21, 422-432.

- Nygaard, L. C., & Lunders, E.R. (2002). Resolution of lexical ambiguity by emotional tone of voice. *Memory & Cognition*, 30, 583-593.
- Nygaard, L. C., Burt, S.A., & Queen, J.S. (2000). Surface form typicality and asymmetric transfer in episodic memory for spoken words. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 26, 1228-1244.
- Bradlow, A. R., Nygaard, L. C., & Pisoni, D. B. (1999). Effects of talker, rate, and amplitude variation on recognition memory for spoken words. *Perception & Psychophysics*, 61, 206-219.
- Forrest, K., Nygaard, L.C., Pisoni, D.B., & Siemers, E. (1998). Effects of speaking rate on word recognition in Parkinson's Disease and normal aging. *Journal of Medical Speech-Language Pathology*, 6, 1-12.
- Nygaard, L. C., & Pisoni, D. B. (1998). Talker-specific learning in speech perception. *Perception & Psychophysics*, 60, 355-376.
- Saldaña, H.M., Nygaard, L.C., & Pisoni, D.B. (1996). Episodic encoding of visual speaker attributes and recognition memory for spoken words. In D. Stork & M. E. Hennecke (Eds.), *Speechreading by man and machine: Models, systems, and applications*. New York: Springer.
- Eimas, P.D., Tajchman, G., Nygaard, L.C., & Marcus, D.J. (1996). Phonemic restoration and integration during dichotic listening. *Journal of the Acoustical Society of America*, 99, 1141-1147.
- Bradlow, A. R., Nygaard, L. C., & Pisoni, D. B. (1995). On the contribution of instance-specific characteristics to speech perception. In C. Sorin, J. Mariani, H. Meloni, & J. Schoentgen (Eds.), *Levels in speech communication: Reactions and interactions*. The Netherlands: Elsevier.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1995). Effects of stimulus variability on perception and representation of spoken words in memory. *Perception & Psychophysics*, 57, 989-1001.
- Nygaard, L. C., & Pisoni, D. B. (1995). Speech perception: New directions in research and theory. In J. L. Miller & P. D. Eimas (Eds.), *Handbook of perception and cognition, volume II: Speech, language, and communication*. New York: Academic Press.
- Sommers, M. S., Nygaard, L. C., & Pisoni, D. B. (1994). Stimulus variability and spoken word recognition: I. Effects of variability in speaking rate and overall amplitude. *Journal of the Acoustical Society of America*, 96, 1314-1324.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1994). Speech perception as a talker-contingent process. *Psychological Science*, 5, 42-46. PMID: PMC3081685.
- Nygaard, L. C. (1993). Phonetic coherence in duplex perception: Effects of acoustic differences and lexical status. *Journal of Experimental Psychology: Human Perception and Performance*, 19, 268-286.
- Nygaard, L. C. (1992). Is speech special? [Review of I.G. Mattingly & M. Studdert-Kennedy (Eds.), *Modularity and the motor theory of speech perception*]. *Contemporary Psychology*, 37, 52-53.
- Eimas, P. D., & Nygaard, L. C. (1992). Contextual coherence and attention in phoneme monitoring. *Journal of Memory and Language*, 31, 375-395.

Nygaard, L. C., & Eimas, P. D. (1990). A new version of duplex perception: Evidence for phonetic and nonphonetic fusion. *Journal of the Acoustical Society of America*, 88, 75-86.

Remez, R. E., Rubin, P. E., Nygaard, L. C., & Howell, W. A. (1987). Perceptual normalization of vowels produced by sinusoidal voices. *Journal of Experimental Psychology: Human Perception and Performance*, 13, 40-61.

Published Conference Proceedings

McCormick, K., Kim, J.Y., List, S., & Nygaard, L.C. (2015). Sound to meaning mappings in the Bouba-Kiki effect. *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*. Pasadena, CA: Cognitive Science Society.

Revill, K.P., Namy, L.L., & Nygaard, L.C. (2015). Eye movements reveal sensitivity to sound symbolism early and late in word learning. *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*. Pasadena, CA: Cognitive Science Society.

Nygaard, L.C., Cook, A.E., & Namy, L.L. (2008). Sound symbolism in word learning. In B.C. Love, K. McRay, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Meeting of the Cognitive Science Society* (pp. 1912-1917). Austin, TX: Cognitive Science Society.

Nygaard, L.C., Queen, J.S., & Burt, S.A. (1998). Effects of affective tone on spoken word recognition. *Proceedings of the 16th International Congress on Acoustics and 135th Meeting of the Acoustical Society of America*, vol. 3 (pp. 2061-2062).

Nygaard, L.C., & Pisoni, D.B. (1995). Talker- and task-specific perceptual learning in speech perception. *Proceedings of the XIIIth International Congress of Phonetic Sciences*, vol 1 (pp. 194-197). Stockholm, Sweden.

Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1992). Effects of speaking rate and talker variability on the representation of spoken words in memory. In J. J. Ohala, T. M. Nearey, B. L. Derwing, M. M. Hodge, & G. E. Wiebe (Eds.), *ICSLP 92 Proceedings: 1992 International Conference on Spoken Language Processing, volume 1* (pp. 209-212). Edmonton, Canada: Priority Printing.

Sommers, M. S., Nygaard, L. C., & Pisoni, D. B. (1992). Stimulus variability and the perception of spoken words: Effects of variations in speaking rate and overall amplitude. In J. J. Ohala, T. M. Nearey, B. L. Derwing, M. M. Hodge, & G. E. Wiebe (Eds.), *ICSLP 92 Proceedings: 1992 International Conference on Spoken Language Processing, volume 1* (pp. 217-220). Edmonton, Canada: Priority Printing.

Technical Reports

Bradlow, A.R., Nygaard, L.C., & Pisoni, D.B. (1997). *Effects of talker, rate, and amplitude variation on recognition memory for spoken words*. (Research on Spoken Language Processing Progress Report No. 21). Bloomington, IN: Indiana University.

Nygaard, L.C., & Pisoni, D. B. (1996). *Talker-specific perceptual learning in spoken word recognition*. (Research on Spoken Language Processing Progress Report No. 20). Bloomington, IN: Indiana University.

- Bradlow, A. R., Nygaard, L. C., & Pisoni, D. B. (1995). Indexical and linguistic attributes in speech perception: A review of some recent findings. In B. Kanki & R. Prinz (Eds.), *Joint FAA/NASA Technical Report*.
- Kalish, M.L., & Nygaard, L.C. (1994). *Modeling the effect of learning voices on the perception of speech*. (Research on Spoken Language Processing Progress Report No. 19). Bloomington, IN: Indiana University.
- Bradlow, A.R., Nygaard, L.C., & Pisoni, D.B. (1994). *On the contribution of instance- specific characteristics to speech perception*. (Research on Spoken Language Processing Progress Report No. 19). Bloomington, IN: Indiana University.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1993). *Speech perception as a talker-contingent process*. (Research on Speech Perception Progress Report No. 18). Bloomington, IN: Indiana University.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1993). *Effects of stimulus variability on the representation of spoken words in memory*. (Research on Speech Perception Progress Report No. 18). Bloomington, IN: Indiana University.
- Nygaard, L. C., & Pisoni, D. B. (1993). *Speech perception: New directions in research and theory*. (Research on Speech Perception Progress Report No. 18) Bloomington, IN: Indiana University.
- Sommers, M. S., Nygaard, L. C., & Pisoni, D. B. (1993). *Stimulus variability and spoken word recognition: Effects of variability in speaking rate and overall amplitude*. (Research on Speech Perception Progress Report No. 18). Bloomington, IN: Indiana University.
- Duffy, S. A., & Nygaard, L. C. (1991). *Construction of mental models in the comprehension of natural and synthetic speech*. (Research on Speech Perception Progress Report No. 17). Bloomington, IN: Indiana University.
- Behne, D., & Nygaard, L. C. (1991). *Concurrent effects on duration II: Prevocalic and postvocalic consonants*. (Research on Speech Perception Progress Report No. 17). Bloomington, IN: Indiana University.
- Behne, D., & Nygaard, L. C. (1991). *Concurrent effects on duration I: Vowels*. (Research on Speech Perception Progress Report No. 17). Bloomington, IN: Indiana University.

Invited Presentations

- Nygaard, L.C. (2017, March). *The voice of experience: Listener-talker attunement in spoken language*. Invited keynote talk. The 109th Annual Meeting of the Southern Society for Philosophy and Psychology, Savannah, GA.
- Nygaard, L.C. (2016, October). *Sound symbolism: The relationship between sound and meaning in spoken language*. Invited colloquium talk. Florida International University, Miami, FL, Linguistics Department.
- Nygaard, L.C. (2015, October). *Functional plasticity in the perception of speech*. Invited talk. Frontiers in Neuroscience Seminar Series. Emory University. Atlanta, GA.

- Nygaard, L.C. (2015, April). *The nature of sound to meaning correspondences in spoken language*. Invited talk. Invited Symposium: Language Acquisition and Processing, 107th Annual Meeting of the Southern Society for Philosophy and Psychology. New Orleans, LA.
- Namy, L.L., Tzeng, C.T., & Nygaard, L.C. (2015, March). *Developmental change in children's sensitivity to sound symbolism*. Invited talk. Invited Symposium: Sound Symbolism: New Insights into its Role in Language Development. Society for Research in Child Development (SRCD) Biennial Meeting. Philadelphia, PA.
- Nygaard, L.C. (2014, October). *The shifting face of salience: Experience, attention, and context in the perception of systematic variation in speech*. Invited talk. Workshop on Perceptual linguistic salience: Modeling causes and consequences. The Freiburg Institute of Advanced Studies (FRIAS), University of Freiburg, Freiburg, Germany.
- Nygaard, L.C. (2014, October). *Words and voices: Listener-talker attunement in spoken language*. Invited colloquium talk. Zentrum für Allgemeine Sprachwissenschaft (ZAS: Center for Linguistics). Berlin, Germany.
- Nygaard, L.C. (2014, May). *The role of systematic variation in speech perception*. Invited talk. Determinants of Speech Perception: Session in Honor of Joanne L. Miller, 167th Meeting of the Acoustical Society of America, Providence, RI.
- Nygaard, L.C. (2013, April). *The voice of experience: The impact of individual and group attributes on talker-specific adaptation in speech*. Invited talk. Current Issues and Methods in Speaker Adaptation (CIMSAs), The Ohio State University, Columbus, OH.
- Nygaard, L.C. (2010, November). *Words and voices: Listener-talker attunement in spoken language*. Invited colloquium talk. Department of Psychology, Emory University, Atlanta, GA.
- Nygaard, L.C. (2010, September). *The voice of experience: Perceiving individual and group attributes from spoken language*. Invited talk. Department of Psychology 2nd Annual Research Festival, Emory University, Atlanta, GA.
- Nygaard, L.C. (2010, June). *Words and voices: Listener-talker attunement in spoken language*. Invited talk. Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.
- Nygaard, L.C. (2010, April). *The talker-specific nature of spoken language processing*. Invited paper presented at the 159th meeting of the Acoustical Society of America, Baltimore, Maryland.
- Nygaard, L.C. (2009, December). *Words and voices: Listener-talker attunement in spoken language*. Invited talk. University of South Florida, Tampa, Department of Communication Sciences & Disorders.
- Nygaard, L.C. (2009, November). *Words and voices: Listener-talker attunement in spoken language*. Distinguished colloquium speaker series. University of California, San Diego, Cognitive Science Department.
- Nygaard, L.C. (2009, November). *The relationship between sound and meaning in spoken language*. Invited talk. University of California, San Diego, Center for Research in Language.

- Nygaard, L.C. (2009, May). *Hearing the Forest Despite the Trees: Perceptual learning of systematic variation in speech*. Invited paper presented at the 157th meeting of the Acoustical Society of America, Portland, Oregon.
- Nygaard, L.C. (2009, April). *Words, Talkers, Accents: Perceptual Learning of Lawful Variation in Speech*. Invited talk. University of Kansas, Department of Linguistics.
- Nygaard, L.C. (2009, February). *Language in Context*. Invited discussion. Center for Mind, Brain, and Culture, Emory University.
- Nygaard, L.C. (2008, October). *Words, Talkers, Accents: Perceptual Learning of Systematic Variation in Speech*. Invited talk. Columbia University, Language and Cognition University Seminar.
- Nygaard, L.C. (2008, October). *Words, Talkers, Accents: Perceptual Learning of Systematic Variation in Speech*. Invited talk. New York University, Department of Psychology, Infant Learning and Development Laboratory.
- Nygaard, L.C. (2008, September). *Words, Talkers, Accents: Listener-Talker Attunement in Speech*. Invited talk. Georgia State University, Department of Psychology, Atlanta, GA.
- Nygaard, L.C. (2006, October). *Perceptual stability, perceptual change*. Invited talk presented at Language, Cognition, and Categorization: A symposium honoring the influence of Professor Peter D. Eimas. Brown University, Providence, RI.
- Nygaard, L.C. (2005, November). *Words, voices, accents: Listener-talker attunement in speech*. Invited Talk. Rollins College, Department of Psychology, Winter Park, FL.
- Nygaard, L. C. (2004, April). *Representation of emotional prosody in spoken language*. Invited Talk. Northwestern University, Department of Psychology, Chicago, IL.
- Nygaard, L.C. (2003, April). *Words and voices: Talker-specific learning in speech perception*. Invited Talk, Georgia Tech University, Department of Psychology.
- Nygaard, L.C. (2002, April). *Words and emotion: Perceiving emotion in spoken language*. Invited Talk, Georgia State University, Department of Psychology.
- Nygaard, L.C. (2002, April). *Commentary on Remez, Goldinger & Azuma, and Local*. Invited commentary presented at the ISCA International Tutorial and Research Workshop on Temporal Integration in the Perception of Speech, Aix-en-Provence, France.
- Nygaard, L.C. (1999, November). *Perceptual adaptation to talker-specific characteristics of speech*. Invited paper presented at the 138th meeting of the Acoustical Society of America, Columbus, Ohio.
- Nygaard, L.C. (1998, November). *Emotional communication: Linking affective prosody and word meaning*. Invited Colloquium, Indiana University, Department of Psychology.

Abstracts and Presentations

- List, S.M., McCormick, K.R., Sathian, K., & Nygaard, L.C. (May, 2017) *Which sounds mean pointed? Examining auditory-visual cross-modal correspondences using representational similarity analysis*. International Multisensory Research Forum. Nashville, TN
- Tzeng, C.Y., Alexander, J.E.D., & Nygaard, L.C. (November, 2016). *The effects of acoustic and lexical factors on perception of accented speech*. Poster presented at the 5th Joint Meeting of the Acoustical Society of America and The Acoustical Society of Japan, Honolulu, HI.
- Lewandowski, E.M., & Nygaard, L.C. (November, 2016). *Acoustic correlates of vocal alignment to accented speech*. Poster presented at the 5th Joint Meeting of the Acoustical Society of America and The Acoustical Society of Japan, Honolulu, HI.
- McCormick, K., Lacey, S., Stilla, R., Nygaard, L.C., & Sathian, K. (November, 2016). *Neural basis of the crossmodal correspondence between auditory pseudowords and visual shapes*. Poster presented at the Society for Neuroscience (SfN) 2016 Annual Meeting. San Diego, CA.
- Lacey, S., McCormick, K., Stilla, R., Nygaard, L.C., & Sathian, K. (November, 2016). *Neural basis of the crossmodal correspondence between auditory pitch and visual shapes*. Poster presented at the Society for Neuroscience (SfN) 2016 Annual Meeting. San Diego, CA.
- Lewandowski, E.M., & Nygaard, L.C. (November, 2015). *The effects of cognitive load on vocal alignment*. Poster presented at the 56th Annual Meeting of the Psychonomic Society. Chicago, IL.
- McCormick, K., Stilla, R., Lacey, S., List, S., Nygaard, L.C., & Sathian, K. (March, 2015). *Neural basis of associations between visual stimuli and auditory pitch*. Poster presented at the Cognitive Neuroscience Society (CNS) 2015 Annual Meeting. San Francisco, CA.
- Lewandowski, E.M., & Nygaard, L.C. (November, 2014). *Vocal alignment toward accented speech*. Poster presented at the 55th Annual Meeting of the Psychonomic Society. Long Beach, CA.
- Tzeng, C.Y., Nygaard, L.C., & Namy, L.L. (July, 2014). *Developmental change in children's sensitivity to sound symbolism*. Poster presented at the 2014 International Conference on Infant Studies, Berlin, Germany.
- Lewandowski, E.M., Liburd, T., & Nygaard, L.C. (May, 2014). *Can adjustment to accented speech affect native language perception?* Poster presented at the 167th Meeting of the Acoustical Society of America, Providence, RI.
- DeFife, L. C., Laures-Gore, J.S., & Nygaard, L. C. (February, 2014). *Generalizability for perceptual learning for dysarthric speech: Evidence for type specificity*. Poster presented at the Motor Speech Conference, Sarasota, FL.
- Tzeng, C.Y., Duan, J., Namy, L.L., & Nygaard, L.C. (November, 2013). *Do prosodic cues reflect perceived color brightness?* Poster presented at the 54rd annual meeting of the Psychonomic Society, Toronto, Ontario, Canada.

- DeFife, L. C., Mathur, N., Namy, L. L., & Nygaard, L. C. (November, 2013). *Cross-linguistic sound symbolism: Listener sensitivity & phonemic correlates*. Poster presented at the American Speech-Language-Hearing Association Conference, Chicago, IL. (designated as a Meritorious Poster Submission).
- McCormick, K., & Nygaard, L.C. (July 2013). *Cross-linguistic sound to meaning mappings in spatial relational terms*. Poster presented at the 35th annual meeting of the Cognitive Science Society, Berlin, Germany.
- Revill, K.P., Nygaard, L.C., Namy, L.L., & Clepper, L. (April 2013). *The neural correlates of cross-linguistic sound symbolism: Evidence from fMRI and DTI*. Poster presented at the 20th annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Tzeng, C.Y., & Nygaard, L.C. (November 2012). *The role of training structure on perceptual learning of accented speech*. Poster presented at the 53rd meeting of the Psychonomic Society, Minneapolis, MN.
- Tzeng, C.Y., & Nygaard, L.C. (May 2012). *The effect of training structure on perceptual learning of accented speech*. Poster presented at the 163rd meeting of the Acoustical Society of America, Hong Kong, China.
- Sidasas, S.K., & Nygaard, L.C. (November, 2011). *Vocal alignment as a function of social expectations*. Paper presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Namy, L.L., Tzeng, C.Y., Biscoe, B.K., & Nygaard, L.C. (July, 2011). *Cross-linguistic sound symbolism in language learning*. Paper presented at the 12th International Congress of the Study of Child Language, Montreal, Canada.
- Namy, L.L., Tzeng, C.Y., Biscoe, B.K., & Nygaard, L.C. (April, 2011). *Cross-linguistic sound symbolism in language learning*. Paper presented at the Society for Research in Child Development Biennial Meeting, Montreal, Canada.
- Alexander, J.D., Sidasas, S.K., & Nygaard, L.C. (November, 2010). *Not just mere exposure: Task-specific effects on the perceptual learning of accented speech*. Paper presented at the 51th Annual Meeting of the Psychonomic Society, St. Louis, Missouri.
- Jesse, A., Reinisch, E., & Nygaard, L.C. (November, 2010). *Learning of adjectival word meaning through tone of voice*. Poster presented at the 2nd Pan-American/Iberian Meeting on Acoustics, Cancun, Mexico.
- Reinisch, E., Jesse, A., & Nygaard, L.C. (September, 2010). *Tone of voice helps learning the meaning of novel adjectives*. Poster presented at AMLaP 2010, Architectures and Mechanisms for Language Processing, York, UK.
- Tzeng, C.Y., Nygaard, L.C., & Namy, L.L. (August, 2010). *The specificity of non-arbitrary sound-to-meaning correspondences in spoken language*. Poster presented at the Annual Meeting of the Cognitive Science Society, Portland, Oregon.
- Alexander, J.E.D., & Nygaard, L.C. (November, 2009). *Is one accent as good as another?: Specificity and generalization in perceptual learning of accented speech*. Paper presented at the 50th Annual Meeting of the Psychonomic Society, Boston, Massachusetts.

- Sidasas, S.K., Alexander, J.D., & Nygaard, L.C. (November, 2009). *The effects of talker familiarity on the processing dynamics of spoken word recognition*. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, Massachusetts.
- Nygaard, L.C., Sidasas, S.K., & Alexander, J.E.D. (2008, November). *Time course of talker-specific learning in spoken word recognition*. Poster presented at the 156th meeting of the Acoustical Society of America, Miami, Florida.
- Nygaard, L.C., Cook, A.E., & Namy, L.L. (2008, July). *Sound symbolism in word learning*. Poster presented at the 30th Annual Meeting of the Cognitive Science Society. Washington, DC.
- Sidasas, S.K., Alexander, J.D., & Nygaard, L.C. (June, 2008). Talker-specific and accent-general perceptual adaptation to Korean-accented English. *Journal of the Acoustical Society of America*.
- Alexander, J.D., Sidasas, S.K., & Nygaard, L.C. (June, 2008). The contribution of vowel production to the intelligibility and accentedness of nonnative speech. *Journal of the Acoustical Society of America*.
- Alexander, J.D., Nygaard, L.C., & Queen, J.S. (November, 2007). *Perceptual adaptation to systematic variation in speech*. Paper presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Sidasas, S.K., & Nygaard, L.C. (November, 2007). *The nature of memory representations for surface form of spoken language*. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Herold, D.S., Namy, L.L., & Nygaard, L.C. (2006). Prosodic correlates to meaning in infant-directed speech. *Journal of the Acoustical Society of America*, 120, 3092.
- Nygaard, L.C., Duke, J.E., Sidasas, S.K., & Rasmussen, S.T. (2006). Acoustic correlates of accentedness and intelligibility of Spanish-accented English vowels. *Journal of the Acoustical Society of America*, 120, 3170.
- Queen, J.S., Nygaard, L.C., Tumlin, M.A., & Thompson, A.W. (November, 2006). *Investigating the effects of perceptual similarity of talkers' voices on recognition memory*. Poster presented at the 47th Annual Meeting of the Psychonomic Society, Houston, Texas.
- Duke, J.E., Nygaard, L.C., & Sidasas, S.K. (November, 2005). *Auditory imagery for talker-specific characteristics during reading*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- Sidasas, S.K., Queen, J.S., Duke, J.E., & Nygaard, L.C. (November, 2005). *Perceptual adaptation to Spanish-accented speech*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- Nygaard, L.C., Sidasas, S., & Duke, J.E. (June, 2005). *Perceptual learning of accented speech*. Poster presented at the ISCA Workshop on Plasticity in Speech Perception, London, UK.
- Sasso, D., Namy, L.L., & Nygaard, L.C. (April, 2005). *Prosodic cues to word meaning*. Presented at the 71th Anniversary Meeting of the Society for Research in Child Development, Atlanta, GA.

- Queen, J.S. & Nygaard, L. C. (2004). Perceptual learning of talker-specific vowel space [Summary]. *Journal of the Acoustical Society of America*, 115, 2608.
- Nygaard, L.C., Duke, J., Kavar, K., & Queen, J.S. (2004). Talker-specific auditory imagery during reading [summary]. *Journal of the Acoustical Society of America*, 115, 2608.
- Sasso, D., Namy, L.L., & Nygaard, L. C. (April, 2003). *The developing role of prosody in novel word comprehension*. Presented at the 70th Anniversary Meeting of the Society for Research in Child Development, Tampa, FL.
- Queen, J.S., Nygaard, L.C., & Barsalou, L. (2002). The effects of talker characteristics on implicit memory for spoken sentences [Summary]. *Journal of the Acoustical Society of America*, 112, 2444.
- Nygaard, L.C., Patel, N., & Queen, J.S. (2002). The link between prosody and meaning in the production of emotional homophones [Summary]. *Journal of the Acoustical Society of America*, 112, 2444.
- Nygaard, L.C., & Queen, J.S. (2002, November). *Factors influencing the effects of accentedness on spoken word recognition*. Paper presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Nygaard, L.C., & Queen, J. S. (2000, June). *The role of sentential prosody in learning voices*. Paper presented at the 139th meeting of the Acoustical Society of America, Atlanta, GA.
- Queen, J. S., & Nygaard, L. C. (1999, November). *Integration of emotional tone of voice and semantic content in spoken word recognition*. Paper presented at the 40th Annual Meeting of the Psychonomic Society, Los Angeles, CA.
- Nygaard, L. C. (1999, March). *Words and emotions: Perceiving emotion in spoken language*. Paper presented at Emory Cognition Project Symposium on Emotion in Communication, Emory University.
- Nygaard, L.C., & Queen, J.S. (1998, November). *Emotional tone of voice influences spoken word recognition*. Paper presented at the 39th Annual Meeting of the Psychonomic Society, Dallas, Texas.
- Nygaard, L.C., Queen, J.S., & Burt, S.A. (1998). Effects of affective tone on spoken word recognition [Summary]. *Journal of the Acoustical Society of America*, 103, 2985.
- Nygaard, L.C. (1997). Resolution of lexical ambiguity by emotional tone of voice [Summary]. *Journal of the Acoustical Society of America*, 102, 3137.
- Nygaard, L. C., & Burt, S. A. (1996). Sources of variability as linguistically relevant aspects of speech [Summary]. *Journal of the Acoustical Society of America*, 100, 2572.
- Bradlow, A. R., & Nygaard, L. C. (1996). The effect of talker, rate, and amplitude variation on memory representation of spoken words [Summary]. *Journal of the Acoustical Society of America*, 99, 2588.
- Nygaard, L. C., & Pisoni, D. B. (1996). Learning voices [Summary]. *Journal of the Acoustical Society of America*, 99, 2589.

- Burt, S. A., & Nygaard, L. C. (1996, March). *Sources of variability as linguistically relevant aspects of speech*. Poster session presented at the annual meeting of the Southeastern Psychological Association, Norfolk, Virginia.
- Nygaard, L. C., & Kalish, M. (1994). Modeling the effect of learning voices on the perception of speech [Summary]. *Journal of the Acoustical Society of America*, 95, 2873.
- Behne, D. M., & Nygaard, L. C. (1993). The effects of speaking rate, focal stress, and sentence position on spectral characteristics and vowel duration [Summary]. *Journal of the Acoustical Society*, 94, 1880.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1993). Speech perception as a talker-contingent process [Summary]. *Journal of the Acoustical Society of America*, 93, 2370.
- Behne, D. M., & Nygaard, L. C. (1993). Syllable internal timing: Effects on vowel and consonant duration [Summary]. *Journal of the Acoustical Society of America*, 93, 2296.
- Nygaard, L. C., Sommers, M. S., & Pisoni, D. B. (1992). Effect of rate and talker variability on the recall of spoken words [Summary]. *Journal of the Acoustical Society of America*, 91, 2340.
- Sommers, M. S., Nygaard, L. C., & Pisoni, D. B. (1992). The effects of speaking rate and amplitude variability on perceptual identification [Summary]. *Journal of the Acoustical Society of America*, 91, 2340.
- Behne, D., & Nygaard, L. C. (1992). Syllable internal timing: Effects of speaking rate, sentence position, and focal stress [Summary]. *Journal of the Acoustical Society of America*, 91, 2340.
- Behne, D., & Nygaard, L. C. (1991). Combined effects on vowel duration [Summary]. *Journal of the Acoustical Society of America*, 90, 2254.
- Nygaard, L. C. (1990). Effects of lexical status on perceptual organization in duplex perception [Summary]. *Journal of the Acoustical Society of America*, 89, 1998.
- Nygaard, L. C. (1990). Phonetic integration and nonphonetic fusion with spectral discontinuities in duplex perception [Summary]. *Journal of the Acoustical Society of America*, 87, S71.
- Nygaard, L. C., & Eimas, P. D. (1989). Phonetic and nonphonetic fusion in duplex perception [Summary]. *Journal of the Acoustical Society of America*, 85, S52.
- Remez, R. E., Rubin, P. E., & Nygaard, L. C. (1986). On spontaneous speech and fluently spoken text: Production differences and perceptual distinctions [Summary]. *Journal of the Acoustical Society of America*, 79, S26.
- Remez, R. E., Nygaard, L. C., & Rubin, P. E. (1986). *On vowel-like sounds produced by Newton's flacons*. Paper presented at the Twenty-sixth annual meeting of the Psychonomic Society.

Teaching

Student Honors Theses (Emory University):

- Sara List (2013-2014) – Honors Thesis (NBB): *The sound of shape: Functional and neural correlates of sound to shape mapping in natural language.*
- Josephine Duan (2012-2013) – Honors Thesis: *The sound of color: Do prosodic cues reflect perceived color and brightness?*
- Michelle Linch (2012-2013) – Honors Thesis (Linguistics): *The role of sound symbolism in product-label pairings.*
- Kaitlyn Bankieris (2009-2010) – Honors Thesis (NBB): *Sound symbolism and the perception of shape and implied motion*
- Nihar Mathur (2009-2010) – Honors Thesis (Linguistics): *Phonetic correlates of sound symbolism.*
- Hayley Heaton (2008-2009) -- Honors Thesis: *Charm or harm: The effect of an American Southern Accent on attitude and comprehension.*
- Allison Cook (2006-2007) – Honors Thesis: *Exploring the potential role of sound symbolism in second language learning.*
- John Ratcliff (2003-2004) – Honors Thesis: *The effects of analogy on motor skill learning.*
- SueAnn Patten (2002-2003) – Honors Thesis: *Accent-specific learning in speech perception.*
- Andrew Butler (2001-2002) – Honors Thesis: *The role of emotional tone of voice in episodic memory.*
- Audrey Katz (2000-2001) – Honors Thesis: *The effects of tone of voice and story content on emotional mental model formation.*
- Denise Sauerteig (1999-2000) – Honors Thesis: *The influence of individual and sex differences on communicative behavior* (co-advisor with Laura Namy).
- Erin Lunders (1996-1997) - Honors Thesis: *Speech perception and the role of tone of voice in resolving lexical ambiguity.*
- S. Alexandra Burt (1995-1996) - Honors Thesis: *Sources of variability as linguistically relevant aspects of speech.*

Master's Theses:

- Eva Lewandowski – Master's Thesis: *On vocal alignment to American- and Spanish-accented talkers.* April, 2014.
- Kelly McCormick – Master's Thesis: *Cross-Linguistic Sound to Meaning Mappings in Relational Terms: The Role of Acoustic Form in Judgments of Word Meaning.* May, 2012.
- Christina Y. Tzeng – Master's Thesis: *The Specificity of Sound Symbolic Correspondences in Spoken Language.* April, 2011.
- Sabrina K. Sidaras – Master's Thesis: *The Nature of Memory Representations for Surface Form of Spoken Language.* October, 2006.
- Jessica E.D. Alexander – Master's Thesis: *Talker-Specific Auditory Imagery during Reading.* November, 2005.
- Jennifer S. Queen – Master's Thesis: *Investigating the Influence of Emotional Tone of Voice during Lexical Selection.* May, 2000.

Doctoral Theses:

- Christina Y. Tzeng – Doctoral Dissertation: *Prosody in Speech as a Source of Referential Information: The Case of Pitch Conveying Color Brightness.* March, 2016.
- Sabrina K. Sidaras – Doctoral Dissertation: *Hearing What You Expect to Hear: The Interaction of Social and Cognitive Mechanisms in Vocal Accommodation.* April, 2011.
- Jessica E.D. Alexander – Doctoral Dissertation: *Perceptual Learning of Surface Characteristics of Accented Speech.* July, 2009.

Debora Sasso Herold – Doctoral Dissertation: *Acoustic Correlates to Meaning in Infant-Directed Speech*. August, 2006; co-directed with Laura Namy.

Jennifer S. Queen – Doctoral Dissertation: *Perceptual Learning of Talker-Specific Vowel Space*. December, 2003.