

CURRICULUM VITAE

JOANNE L. MILLER

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EDUCATION

- University of Minnesota B.S. 1969 (Speech Pathology)
- University of Minnesota M.A. 1970 (Speech Pathology)
- University of Minnesota Ph.D. 1974 (Speech Science)
- Brown University Postdoctoral Fellow 1974-1976 (Psychology)

PROFESSIONAL EXPERIENCE

- Northeastern University
Matthews Distinguished University Professor Emeritus 2020-
Chair, Department of Psychology 2010-2020
Matthews Distinguished University Professor (Psychology) 1997-2020
College of Arts & Sciences Distinguished Professor (Psychology) 1994-2020
Professor of Psychology 1984-2020
Associate Professor of Psychology 1979-1984
Assistant Professor of Psychology 1976-1979
- Visiting Scholar, Department of Cognitive and Linguistic Sciences,
Brown University 1989-1990
- Visiting Scientist, Department of Cognitive and Linguistic Sciences,
Brown University 1986-1987
- Visiting Scientist, MIT Center for Cognitive Science 1983-1984
- NIH Postdoctoral Fellow (Research Associate),
Department of Psychology, Brown University 1974-1976
- Predoctoral Trainee, University of Minnesota 1971-1974
- Instructor of Speech Science and Pathology, University of Minnesota 1970-1971
- Predoctoral Fellow, University of Minnesota 1969-1970

HONORS AND AWARDS

- Silver Medal in Speech Communication, Acoustical Society of America (2021)
- Special Session. *Determinants of Speech Perception: A Session in Honor of Joanne L. Miller*, Meeting of the Acoustical Society of America (May 2014)
- NIH Javits Neuroscience Investigator Award/Claude Pepper Award (1987-1994)
- Northeastern University Excellence in Teaching Award (1988)
- NIH Research Career Development Award (1981-1986)
- NIH Postdoctoral Fellowship (Brown University, 1974-1976)
- NDEA Predoctoral Fellowship (University of Minnesota, 1969-1970)
- Phi Beta Kappa
- Phi Kappa Phi
- Sigma Xi
- Fellow, Psychonomic Society
- Fellow, Acoustical Society of America
- Fellow, American Association for the Advancement of Science
- Fellow, Association for Psychological Science

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Acoustical Society of America (Fellow)
- American Association for the Advancement of Science (Fellow)
- American Association of University Professors
- American Speech-Language-Hearing Association
- Association for Psychological Science (Fellow)
- Association for Women in Science
- Psychonomic Society (Fellow)

PROFESSIONAL ACTIVITIES

- Committee of Visitors, Behavioral and Cognitive Sciences, National Science Foundation, 2015
- Board of Directors, Haskins Laboratories, 2001-2013
Board Chair, 2006-2013
- Editorial Board, *Modern Acoustics and Signal Processing Series*, Springer-Verlag (formerly AIP Press), 1992-2012
- Advisory Committee, Haskins Laboratories, NIH Program Project Grant "The nature and acquisition of the speech code and reading," 1996-2012
- Acoustical Society of America representative to AAAS Linguistics and Language Science Section, 1998-2010

- Fachbeirat (Scientific Council), Max Planck Institute for Psycholinguistics, Nijmegen, 1994-2005
- AAAS Annual Meeting Scientific Program Committee, 2001-2004
- AAAS Psychology Section Member-at-Large, 2000-2004
- AAAS John P. McGovern Award Selection Committee (Chair), 2001-2004
- Associate Editor, *Journal of the Association for Research in Otolaryngology*, 2000-2003
- Acoustical Society of America Committee on Public Relations, 1993-2002
- Chair and Organizer (with Patti J. Price), "Humans, Computers, and Speech." Symposium presented at the AAAS Meeting, Washington, D.C., February 2000
- Consultant, NIH Research Center Grant, Learning Disabilities Research Center at Children's Hospital, Boston, MA, 1996-2000
- AAAS Psychology Section Electorate Nominating Committee, 1995-1998 (Chair 1997-1998)
- NIH/NIDCD Advisory Council, 1993-1997
- Associate Editor, *Perception & Psychophysics*, 1993-1996
- Editorial Board, *Cognition*, 1984-1996
- NIH/NIDCD Integrated Planning and Policy Committee, 1995-1996
- Acoustical Society of America Books Committee, 1988-1994
- Advisory Committee, Center on Hearing Loss in Children, Boys Town National Research Hospital, 1990-1994
- NIH/NIDCD Communication Disorders Review Committee, 1987-1991
- Acoustical Society of America Technical Committee on Speech Communication, 1984-1990
- Associate Editor, *Journal of the Acoustical Society of America*, 1985-1988
- Co-Organizer (with Robert Epstein), "Critical Issues in Categorization." Conference sponsored by the Neurosciences Institute of the Neurosciences Research Program, February 1984.

- Reviewer for Journals and Books: *Cognition*, *Cognitive Psychology*, *Developmental Psychology*, *Infant Behavior and Development*, *The Journal of the Acoustical Society of America*, *Journal of Experimental Psychology: Human Perception and Performance*, *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *Journal of Memory and Language*, *Journal of Phonetics*, *Journal of Speech and Hearing Disorders*, *Journal of Speech and Hearing Research*, *Language and Cognitive Processes*, *Language and Speech*, *Perception & Psychophysics*, *Phonetica*, *Psychological Science*, *Science*, *Speech Communication*, *The Quarterly Journal of Experimental Psychology*, MIT Press.

- Reviewer for Granting Agencies: National Science Foundation, National Institutes of Health, Social Sciences and Humanities Research Council of Canada.

EXTERNAL FUNDING

- Principal Investigator, NIH/NIDCD (formerly NIH/NINCDS) R01, *Some determinants of speech perception* (originally titled *Tuning properties of feature detectors for speech*), April 1, 1978 - June 30, 2009.

In conjunction with this grant: NIH Javits Neuroscience Investigator Award/Claude Pepper Award, July 1, 1987 - June 30, 1994.

- Investigator (L. Kamin PI, 1992 - 1997; S. Harkins PI, 1998 - 2007), NIMH T32, *Training basic researchers, with emphasis on minorities*, September 15, 1992 – June 30, 2007.
- NIH Research Career Development Award K04, *Some determinants of speech perception*. July 1, 1981 - June 30, 1986.
- Investigator (B. Scharf PI), NSF, *Speech perception in noise by the hearing impaired*, June 15, 1980 - November 30, 1982.
- Investigator (H. Lane PI), NSF, *Multi-user equipment grant for studies in experimental psychology*, July 1, 1980 - June 30, 1981.
- Postdoctoral Fellowship, NIH/NINCDS F32, *Infant speech perception: Linguistic processing*, September 1, 1974 - August 31, 1976.

PUBLICATIONS

Books

Miller, J.L., and Eimas, P.D. (Eds.). *Handbook of Perception and Cognition: Speech, Language, and Communication*, Vol. 11. San Diego: Academic Press, 1995.

Miller, J.L. Editor-in-chief of three-volume series:

Kent, R.D., Atal, B.S., and Miller, J.L. (Eds.). *Papers in Speech Communication: Speech Production*, New York: Acoustical Society of America, 1991.

Miller, J.L., Kent, R.D., and Atal, B.S. (Eds.). *Papers in Speech Communication: Speech Perception*, New York: Acoustical Society of America, 1991.

Atal, B.S., Miller, J.L., and Kent, R.D. (Eds.). *Papers in Speech Communication: Speech Processing*, New York: Acoustical Society of America, 1991.

Eimas, P.D., and Miller, J.L. (Eds.). *Perspectives on the Study of Speech*, Hillsdale: Erlbaum Assoc., 1981.

Articles and Chapters

Miller, J.L., Mondini, M., Grosjean, F., and Dommergues, J.-Y. Dialect effects in speech perception: The role of vowel duration in Parisian French and Swiss French. *Language and Speech*, 2011, *54*, 467-485.

Theodore, R.M., and Miller, J.L. Characteristics of listener sensitivity to talker-specific phonetic detail. *Journal of the Acoustical Society of America*, 2010, *128*, 2090-2099.

Theodore, R.M., Miller, J.L., and DeSteno, D. Individual talker differences in voice-onset-time: Contextual influences. *Journal of the Acoustical Society of America*, 2009, *125*, 3974-3982.

Schwab, S., Miller, J.L., Grosjean, F., and Mondini, M. Effect of speaking rate on the identification of word boundaries. *Phonetica*, 2008, *65*, 173-186.

Brancazio, L., and Miller, J.L. Use of visual information in speech perception: Evidence for a visual rate effect both with and without a McGurk effect. *Perception & Psychophysics*, 2005, *67*, 759-769.

Allen, J.S., and Miller, J.L. Listener sensitivity to individual talker differences in voice-onset-time. *Journal of the Acoustical Society of America*, 2004, *115*, 3171- 3183.

Allen, J.S., Miller, J.L., and DeSteno, D. Individual talker differences in voice-onset-time. *Journal of the Acoustical Society of America*, 2003, *113*, 544-552.

Brancazio, L., Miller, J.L., and Paré, M.A. Visual influences on the internal structure of phonetic categories. *Perception & Psychophysics*, 2003, *65*, 591-601.

Bürki-Cohen, J., Miller, J.L., and Eimas, P.D. Perceiving nonnative speech. *Language and Speech*, 2001, *44*, 149-169.

Allen, J.S., and Miller, J.L. Contextual influences on the internal structure of phonetic categories: A distinction between lexical status and speaking rate. *Perception & Psychophysics*, 2001, *63*, 798-810.

Miller, J.L. Mapping from acoustic signal to phonetic category: Internal category structure, context effects and speeded categorization. *Language and Cognitive Processes*, 2001, *16*, 683-690.

Reprinted as: Miller, J.L. Mapping from acoustic signal to phonetic category: Internal category structure, context effects and speeded categorization. In J.M. McQueen and A. Cutler (Eds.). *Spoken Word Access Processes*. Psychology Press Ltd., 2001.

Miller, J.L. Speech perception. In R.A. Wilson and F. Keil (Eds.). *The MIT Encyclopedia of the Cognitive Sciences*, MIT Press, 1999.

Allen, J.S., and Miller, J.L. Effects of syllable-initial voicing and speaking rate on the temporal characteristics of monosyllabic words. *Journal of the Acoustical Society of America*, 1999, *106*, 2031-2039.

Miller, J.L. Speech perception. In M.J. Crocker (Ed.). *Encyclopedia of Acoustics*, Vol. 4. John Wiley & Sons, 1997.

Miller, J.L., O'Rourke, T.B., and Volaitis, L.E. Internal structure of phonetic categories: Effects of speaking rate. *Phonetica*, 1997, *54*, 121-137.

Miller, J.L., and Grosjean, F. Dialect effects in vowel perception: The role of temporal information in French. *Language and Speech*, 1997, *40*, 277-288.

Miller, J.L. Internal structure of phonetic categories. *Language and Cognitive Processes*, 1997, *12*, 865-869.

Hodgson, P., and Miller, J.L. Internal structure of phonetic categories: Evidence for within-category trading relations. *Journal of the Acoustical Society of America*, 1996, *100*, 565-576.

Miller, J.L., and Eimas, P.D. Internal structure of voicing categories in early infancy. *Perception & Psychophysics*, 1996, *58*, 1157-1167.

Miller, J.L., and Eimas, P.D. Speech perception: From signal to word. *Annual Review of Psychology*, 1995, *46*, 467-492.

Miller, J.L., and Eimas, P.D. Observations on speech perception, its development, and the search for mechanism. In J.C. Goodman and H.C. Nusbaum (Eds.). *The Development of Speech Perception: The Transition from Speech Sounds to Spoken Words*. MIT Press, 1994.

Miller, J.L. On the internal structure of phonetic categories: A progress report. *Cognition*, 1994, *50*, 271-285.

Wayland, S.C., Miller, J.L., and Volaitis, L.E. The influence of sentential speaking rate on the internal structure of phonetic categories. *Journal of the Acoustical Society of America*, 1994, *95*, 2694-2701.

Grosjean, F., and Miller, J.L. Going in and out of languages: An example of bilingual flexibility. *Psychological Science*, 1994, *5*, 201-206.

Miller, J.L., and Wayland, S.C. Limits on the limitations of context-conditioned effects in the perception of [b] and [w]. *Perception & Psychophysics*, 1993, *54*, 205-210.

Volaitis, L.E., and Miller, J.L. Phonetic prototypes: Influence of place of articulation and speaking rate on the internal structure of voicing categories. *Journal of the Acoustical Society of America*, 1992, 92, 723-735.

Eimas, P.D., and Miller, J.L. Organization in the perception of speech by young infants. *Psychological Science*, 1992, 3, 340-345.

Miller, J.L. Comment: Bimodal speech perception and the motor theory. In I.G. Mattingly and M. Studdert-Kennedy (Eds.). *Modularity and the Motor Theory of Speech Perception*. Erlbaum Associates, 1991.

Eimas, P.D., and Miller, J.L. A constraint on the discrimination of speech by young infants. *Language and Speech*, 1991, 34, 251-263.

Miller, J.L. Speech perception. In D.N. Osherson and H. Lasnik (Eds.). *An Invitation to Cognitive Science: Language*, Vol. 1. MIT Press, 1990.

Eimas, P.D., and Miller, J.L. Infant categories and categorization. In G.M. Edelman, W.E. Gall, and W.M. Cowan (Eds.). *Signal and Sense: Local and Global Order in Perceptual Maps*. Wiley-Liss, 1990.

Gottfried, T.L., Miller, J.L., and Payton, P.E. Effect of speaking rate on the perception of vowels. *Phonetica*, 1990, 47, 155-172.

Miller, J.L., and Jusczyk, P.W. Seeking the neurobiological bases of speech perception. *Cognition*, 1989, 33, 111-137.

Reprinted as: Miller, J.L., and Jusczyk, P.W. Seeking the neurobiological bases of speech perception. In P.D. Eimas and A.M. Galaburda (Eds.). *Neurobiology of Cognition*. MIT Press/Bradford Books, 1990.

Miller, J.L., and Volaitis, L.E. Effect of speaking rate on the perceptual structure of a phonetic category. *Perception & Psychophysics*, 1989, 46, 505-512.

Bürki-Cohen, J., Grosjean, F., and Miller, J.L. Base-language effects on word identification in bilingual speech: Evidence from categorical perception experiments. *Language and Speech*, 1989, 32, 355-371.

Miller, J.L., and Dexter, E.R. Effects of speaking rate and lexical status on phonetic perception. *Journal of Experimental Psychology: Human Perception and Performance*, 1988, 14, 369-378.

Miller, J.L. Rate-dependent processing in speech perception. In A. Ellis (Ed.). *Progress in the Psychology of Language*, Vol. III. Erlbaum Associates, 1987.

Eimas, P.D., Miller, J.L., and Jusczyk, P. On infant speech perception and the acquisition of language. In S. Harnad (Ed.). *Categorical Perception*. Cambridge University Press, 1987.

Miller, J.L. Mandatory processing in speech perception: A case study. In J. Garfield (Ed.). *Modularity in Knowledge Representation and Natural-Language Understanding*. MIT Press/Bradford Books, 1987.

Miller, J.L., Green, K.P., and Reeves, A. Speaking rate and segments: A look at the relation between speech production and speech perception for the voicing contrast. *Phonetica*, 1986, 43, 106-115.

Miller, J.L. Limits on later-occurring rate information for phonetic perception. *Language and Speech*, 1986, 29, 13-24.

Green, K.P., and Miller, J.L. On the role of visual rate information in phonetic perception. *Perception & Psychophysics*, 1985, 38, 269-276.

Miller, J.L., Grosjean, F., and Lomanto, C. Articulation rate and its variability in spontaneous speech: A reanalysis and some implications. *Phonetica*, 1984, 41, 215-225.

Miller, J.L., Green, K.P., and Schermer, T.M. A distinction between the effects of sentential speaking rate and semantic congruity on word identification. *Perception & Psychophysics*, 1984, 36, 329-337.

Bomba, P.C., Eimas, P.D., Siqueland, E.R., and Miller, J.L. Contextual effects in infant visual perception. *Perception*, 1984, 13, 369-376.

Miller, J.L., Aibel, I.L., and Green, K. On the nature of rate-dependent processing during phonetic perception. *Perception & Psychophysics*, 1984, 35, 5-15.

Miller, J.L., Connine, C.M., Schermer, T.M., and Kluender, K.R. A possible auditory basis for internal structure of phonetic categories. *Journal of the Acoustical Society of America*, 1983, 73, 2124-2133.

Miller, J.L., and Baer, T. Some effects of speaking rate on the production of /b/ and /w/. *Journal of the Acoustical Society of America*, 1983, 73, 1751-1755.

Miller, J.L., and Eimas, P.D. Studies on the categorization of speech by infants. *Cognition*, 1983, 13, 135-165.

Miller, J.L., and Eimas, P.D. Feature detectors and speech perception: A critical evaluation. *Lecture Notes in Biomathematics*, 1982, 44, 111-145.

Eimas, P.D., and Miller, J.L. Organization in the perception of segmental and suprasegmental information by infants. *Infant Behavior & Development*, 1981, 4, 395-399.

Miller, J.L. Some effects of speaking rate on phonetic perception. *Phonetica*, 1981, 38, 159-180.

Miller, J.L. Effects of speaking rate on segmental distinctions. In P.D. Eimas and J.L. Miller (Eds.). *Perspectives on the Study of Speech*. Erlbaum Associates, 1981.

Eimas, P.D., Tartter, V.C., and Miller, J.L. Dependency relations during the processing of speech. In P.D. Eimas and J.L. Miller (Eds.). *Perspectives on the Study of Speech*. Erlbaum Associates, 1981.

Miller, J.L. Phonetic perception: Evidence for context-dependent and context-independent processing. *Journal of the Acoustical Society of America*, 1981, 69, 822-831.

Miller, J.L., and Grosjean, F. How the components of speaking rate influence perception of phonetic segments. *Journal of Experimental Psychology: Human Perception and Performance*, 1981, 7, 208-215.

Eimas, P.D., and Miller, J.L. Discrimination of information for manner of articulation. *Infant Behavior & Development*, 1980, 3, 367-375.

Eimas, P.D., and Miller, J.L. Contextual effects in infant speech perception. *Science*, 1980, 209, 1140-1141.

Miller, J.L. Contextual effects in the discrimination of stop consonant and semivowel. *Perception & Psychophysics*, 1980, 28, 93-95.

Miller, J.L., and Eimas, P.D. Organization in infant speech perception. *Canadian Journal of Psychology*, 1979, 33, 353-367.

Miller, J.L., Eimas, P.D., and Zatorre, R.J. Studies of place and manner of articulation in syllable-final position. *Journal of the Acoustical Society of America*, 1979, 66, 1207-1210.

Miller, J.L., and Liberman, A.M. Some effects of later-occurring information on the perception of stop consonant and semivowel. *Perception & Psychophysics*, 1979, 25, 457-465.

White, K.D., Petry, H.M., Riggs, L.A., and Miller, J.L. Binocular interactions during establishment of McCollough effects. *Vision Research*, 1978, 18, 1201-1215.

Miller, J.L. Interactions in processing segmental and suprasegmental features of speech. *Perception & Psychophysics*, 1978, 24, 175-180.

Eimas, P.D., and Miller, J.L. Effects of selective adaptation on the perception of speech and visual patterns: Evidence for feature detectors. In R. Walk and H. Pick (Eds.). *Perception and Experience*, Plenum Press, 1978.

Eimas, P.D., Tartter, V.C., Miller, J.L., and Keuthen, N.J. Asymmetric dependencies in processing phonetic features. *Perception & Psychophysics*, 1978, 23, 12-20.

Miller, J.L. Properties of feature detectors for VOT: The voiceless channel of analysis. *Journal of the Acoustical Society of America*, 1977, 62, 641-648.

Miller, J.L. Nonindependence of feature processing in initial consonants. *Journal of Speech and Hearing Research*, 1977, 20, 519-528.

Miller, J.L., and Eimas, P.D. Studies on the perception of place and manner of articulation: A comparison of the labial-alveolar and nasal-stop distinctions. *Journal of the Acoustical Society of America*, 1977, 61, 835-845.

Miller, J.L., and Eimas, P.D. Studies on the selective tuning of feature detectors for speech. *Journal of Phonetics*, 1976, 4, 119-127.

Miller, J.L. Properties of feature detectors for speech: Evidence from the effects of selective adaptation on dichotic listening. *Perception & Psychophysics*, 1975, 18, 389-397.

Speaks, C., Gray, T., Miller, J.L., and Rubens, A.B. Central auditory deficits and temporal-lobe lesions. *Journal of Speech and Hearing Disorders*, 1975, 40, 192-205.

Siegel, G.M., Lenske (Miller), J.L., and Broen, P. Suppression of normal speech disfluencies through response cost. *Journal of Applied Behavior Analysis*, 1969, 2, 265-276.

PRESENTATIONS, INVITED TALKS, PUBLISHED ABSTRACTS

Miller, J.L. Studies of speech perception: A mentor's influence. Invited talk presented at the meeting of the Acoustical Society of America, Miami, 2008. [Published Abstract, *Journal of the Acoustical Society of America*, 2008.]

Miller, J.L. Listener sensitivity to fine phonetic detail in speech perception. Colloquium presented at the Department of Cognitive and Linguistic Sciences, Brown University, 2008.

Theodore, R.M., and Miller, J.L. Listeners' sensitivity to talker differences in voice-onset-time: Segments versus features. Talk (by R. Theodore) presented at the meeting of the Acoustical Society of America, Paris, 2008. [Published Abstract, *Journal of the Acoustical Society of America*, 2008.]

Theodore, R.M., and Miller, J.L. Characteristics of listener sensitivity to talker-specific phonetic detail. Poster presented at the meeting of the Acoustical Society of America, Miami, 2008. [Published Abstract, *Journal of the Acoustical Society of America*, 2008.]

Theodore, R.M., Miller, J.L., and DeSteno, D. Talker-specific contextual influences on voice-onset-time. Poster presented at the meeting of the Acoustical Society of America, Salt Lake City, 2007. [Published Abstract, *Journal of the Acoustical Society of America*, 2007.]

Theodore, R.M., Miller, J.L., and DeSteno, D. The effect of speaking rate on voice-onset-time is talker-specific. Talk (by R. Theodore) at the 16th International Congress of Phonetic Sciences, Saarbrücken, Germany, 2007. Also published in the Proceedings of the 16th International Congress of Phonetic Sciences as:

Theodore, R. M., Miller, J. L., & DeSteno, D. (2007). The effect of speaking rate on voice-onset-time is talker-specific. In J. Trouvain & W. J. Barry (Eds.), *Proceedings of the XVIth International Congress of Phonetic Sciences*, pp. 473-476.

Miller, J.L. Listener sensitivity to fine phonetic detail in speech perception. Invited talk presented at the Research Lab of Electronics, MIT, 2006.

Theodore, R.M., Miller, J.L., and DeSteno, D. Effect of speaking rate on individual talker differences in voice-onset-time. Poster presented at the meeting of the Acoustical Society of America, Hawaii, 2006. [Published Abstract, *Journal of the Acoustical Society of America*, 2006.]

Miller, J.L. Listener sensitivity to fine phonetic detail in speech perception. Invited talk presented at the University Seminar on Language and Cognition, Columbia University, New York, NY, 2005.

Mondini, M., and Miller, J.L. Perceiving non-native speech: Word segmentation. Poster presented at the meeting of the Acoustical Society of America, New York NY, 2004. [Published Abstract, *Journal of the Acoustical Society of America*, 2004.]

Miller, J.L., Mondini, M., Grosjean, F., and Dommergues, J.-Y. Dialect effects in speech perception: Standard (Parisian) French and Swiss French. Poster presented at the meeting of the Psychonomic Society, Vancouver, BC, Canada, 2003.

Brancazio, L., Miller, J.L., and Mondini, M. Audiovisual integration in the absence of a McGurk effect. Poster presented at the meeting of the Acoustical Society of America, Pittsburgh, PA, 2002. [Published Abstract, *Journal of the Acoustical Society of America*, 2002.]

Miller, J.L. Internal structure of phonetic categories: Some characteristics and constraints. Invited talk presented at the meeting of the Acoustical Society of America, Pittsburgh, PA, 2002. [Published Abstract, *Journal of the Acoustical Society of America*, 2002.]

Miller, J.L. Speech perception in infancy: The beginnings of language acquisition. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 2002.

Mondini, M., van Alphen, P.M., and Miller, J.L. Native-language influence on phonetic perception in Dutch-English bilinguals. Poster presented at the meeting of the Acoustical Society of America, Cancun, Mexico, 2002. [Published Abstract, *Journal of the Acoustical Society of America*, 2002.]

Miller, J.L. Speech perception in adults and infants: On the mapping from acoustic signal to phonetic category. Invited talk presented at the Eunice Kennedy Shriver Center, Waltham, MA, 2001.

Miller, J.L. Some characteristics of the internal structure of phonetic categories. Invited talk presented at the Haskins Laboratories, New Haven, CT, 2001.

Miller, J.L. Speech perception in infancy: The beginnings of language acquisition. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 2001.

Miller, J.L. Speech Perception: Mapping from acoustic signal to phonetic category. Invited talk presented at the Psychology Department, University of Arizona, Tucson, 2000.

Miller, J.L. Mapping from acoustic signal to phonetic category: Nature and role of internal category structure. Invited talk presented at the Workshop on Spoken Word Access Processes, Nijmegen, The Netherlands, 2000.

Eimas, P.D. and Miller, J.L. Alvin Liberman, infant research, and the speech module. Invited talk (presented by J.L. Miller) at a special session of the meeting of the Acoustical Society of America, Newport Beach, CA, 2000. [Published Abstract, *Journal of the Acoustical Society of America*, 2000.]

Brancazio, L., Miller, J.L., and Pare, M.A. Visual influences on internal structure of phonetic categories. Poster presented at the meeting of the Acoustical Society of America, Newport Beach, CA, 2000. [Published Abstract, *Journal of the Acoustical Society of America*, 2000.]

Allen, J.S., and Miller, J.L. Individual differences in speech production: Voice-onset-time. Poster presented at the meeting of the Acoustical Society of America, Newport Beach, CA, 2000. [Published Abstract, *Journal of the Acoustical Society of America*, 2000.]

Miller, J.L., Grosjean, F., Dommergues, J.-Y., and Mondini, M. Dialect differences in the temporal characteristics of vowels: A comparison of standard (Parisian) and Swiss French. Poster presented at the meeting of the Acoustical Society of America, Newport Beach, CA, 2000. [Published Abstract, *Journal of the Acoustical Society of America*, 2000.]

Miller, J.L. On the nature of acoustic-phonetic mapping in speech perception. Invited talk presented at the Centre de Recherche en Neurosciences Cognitives, CNRS, Marseille, 1999.

Miller, J.L. Some characteristics of the internal structure of phonetic categories. Invited talk presented at the Research Laboratory of Electronics Speech Group, MIT, Boston, 1999.

Miller, J.L. Speech perception in infancy. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 1999.

Allen, J.S., and Miller, J.L. Contextual influences on the internal structure of phonetic categories: A distinction between lexical status and speaking rate. Poster presented at the meeting of the Acoustical Society of America, Columbus, OH, 1999. [Published Abstract, *Journal of the Acoustical Society of America*, 1999.]

Brancazio, L., Miller, J.L., and Pare, M.A. Perceptual effects of place of articulation on voicing for audiovisually discrepant stimuli. Poster presented at the meeting of the Acoustical Society of America, Columbus, OH, 1999. [Published Abstract, *Journal of the Acoustical Society of America*, 1999.]

Miller, J.L. Speech perception: Internal structure of phonetic categories. Invited talk presented at the Aphasia Research Center, Boston VA Medical Center, Boston, 1998.

Miller, J.L. Speech perception: Internal structure of phonetic categories. Invited talk presented at the University of Neuchatel, Switzerland, 1998.

Miller, J.L. Speech perception in infancy. Invited lecture presented at the University of Neuchatel, Switzerland, 1998.

Miller, J.L., Eimas, P.D., and Cox, E. Phonetic categories: Internal category structure and processing speed. Poster presented at the meeting of the Acoustical Society of America, Seattle, 1998. [Published Abstract, *Journal of the Acoustical Society of America*, 1998.]

Allen, J.S., and Miller, J.L. Effects of syllable-initial voicing on the temporal characteristics of words. Poster presented at the meeting of the Acoustical Society of America, Norfolk, VA, 1998. [Published Abstract, *Journal of the Acoustical Society of America*, 1998.]

Miller, J.L. Speech perception in infancy. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 1998.

Miller, J.L. Speech perception in early infancy. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 1997.

Miller, J.L. Language and development: Speech perception. Invited talk presented at the Neurology of Behavior Course, sponsored by Harvard Medical School, Boston, 1996.

Miller, J.L. On the internal structure of phonetic categories. Invited talk presented at the Psychology Department, SUNY/Binghamton, 1995.

Miller, J.L. On the internal structure of phonetic categories. Invited talk presented to the Applied Linguistics Colloquium Series, Boston University, 1995.

Miller, J.L. The internal structure of phonetic categories: Evidence from adults and infants. Invited talk presented at the workshop on "Cognitive Models of Speech Processing," Sperlonga, Italy, 1995.

Miller, J.L. On the internal structure of phonetic categories. Invited talk presented at the Speech Group Seminar, Research Laboratory of Electronics, MIT, 1994.

Miller, J.L. The internal structure of phonetic categories. Invited talk presented to the Cognitive Science Program, SUNY/Buffalo, 1994.

Hodgson, P., and Miller, J.L. The internal structure of phonetic categories is robust. Poster presented at the meeting of the Acoustical Society of America, Cambridge, 1994. [Published Abstract, *Journal of the Acoustical Society of America*, 1994.]

Miller, J.L. Spoken language processing: The "problem" of speaking rate. Invited talk presented to the NIH/NIDCD Advisory Council, Washington D.C., 1993.

Miller, J.L. Phonetic categories: Internal structure and context. Invited talk presented to the UMASS Cognitive Science Program, Amherst, 1992.

Miller, J.L. Internal structure of phonetic categories. Invited talk presented to the Department of Cognitive and Linguistic Sciences, Brown University, 1992.

Miller, J.L. Sophisticated speech processing by young infants. Invited talk presented to the Language Acquisition Workshop, University of Chicago, 1992.

Miller, J.L. Phonetic categories: Internal structure and context. Invited talk presented as part of the Symposium on Speech Perception and Spoken Language Processing, Conference of the Cognitive Science Society, Bloomington, Indiana, 1992.

Wayland, S.C., Miller, J.L., and Volaitis, L.E. The influence of sentence articulation rate on the internal structure of phonetic categories. Paper presented at the meeting of the Acoustical Society of America, New Orleans, 1992. [Published Abstract, *Journal of the Acoustical Society of America*, 1992.]

Hodgson, P., and Miller, J.L. Internal phonetic category structure depends on multiple acoustic properties: Evidence for within-category trading relations. Paper presented at the meeting of the Acoustical Society of America, New Orleans, 1992. [Published Abstract, *Journal of the Acoustical Society of America*, 1992.]

Wayland, S.C., and Miller, J.L. The influence of internal phonetic category structure in on-line speech processing. Poster presented at the meetings of the Psychonomic Society, St. Louis, 1992.

Miller, J.L. Context-dependency in speech perception: Effects of context on internal category structure. Invited talk presented to the Speech Group, Research Laboratory of Electronics, MIT, 1991.

Miller, J.L. Speech perception: Prototypes and context. Invited talk presented at the Neurolinguistics Colloquium Series, Massachusetts General Hospital, Boston, 1991.

Miller, J.L. Invited commentator on talk by Janet Werker, MIT Center for Cognitive Science Seminar, 1991.

Hodgson, P., and Miller, J.L. The role of multiple acoustic properties in specifying the internal structure of phonetic categories. Paper presented at the meeting of the Acoustical Society of America, Baltimore, 1991. [Published Abstract, *Journal of the Acoustical Society of America*, 1991.]

Volaitis, L.E., and Miller, J.L. Influence of a syllable's form on the perceived internal structure of voicing categories. Paper presented at the meeting of the Acoustical Society of America, Baltimore, 1991. [Published Abstract, *Journal of the Acoustical Society of America*, 1991.]

Miller, J.L. Speech perception: Internal structure of phonetic categories. Invited talk presented at the SISSA Workshop, "On the psycholinguistic consequences of contrasting language phonologies," Trieste, Italy, 1991.

Miller, J.L. Sophisticated speech processing in a small package: How infants hear speech. Invited talk presented at the Greater Boston Chapter of the Acoustical Society of America, Boston, 1991.

Miller, J.L. Speech perception: Structure of phonetic categories. Invited talk presented at the Center for Adaptive Systems, Boston University, 1990.

Miller, J.L. Context effects in speech perception: Internal structure of phonetic categories. Invited talk presented at the Speech Research Laboratory, Department of Psychology, Indiana University, Bloomington, 1990.

Miller, J.L. Context-dependency in speech perception. Invited talk presented to the Cognition Group, Psychology Department, Rice University, Houston, 1990.

Miller, J.L. Effects of context on the internal structure of phonetic categories in English. Invited talk presented at the Speech Communication Seminar, MIT, 1989.

Miller, J.L. Bimodal speech perception and the motor theory. Invited discussion paper presented at the Conference on Modularity and the Motor Theory, Yale University, 1988.

Scharf, B., Dai, H., and Miller, J.L. The role of attention in speech perception. Poster presented at the meeting of the Acoustical Society of America, Hawaii, 1988. [Published Abstract, *Journal of the Acoustical Society of America*, 1988.]

Miller, J.L. Speech perception: Rate-dependent processing. Invited talk presented at the Cognitive Series, Harvard University, 1988.

Miller, J.L. Speech perception in early infancy. Invited paper presented at the Boston University Conference on Language Development, 1987.

Miller, J.L. Speech perception: Some aspects of rate-dependent processing. Colloquium presented at the Department of Psychology, Brandeis University, 1986.

Miller, J.L. Speech perception: Rate-dependent processing. Colloquium presented at the Department of Psychology, Brown University, 1986.

Miller, J.L. Speech perception: Aspects of rate-dependent processing. Colloquium presented at the Center for Adaptive Systems, Boston University, 1986.

Miller, J.L., and Volaitis, L.E. Effects of speaking rate on the perceived internal structure of phonetic categories. Paper presented at the meeting of the Acoustical Society of America, Anaheim, 1986. [Published Abstract, *Journal of the Acoustical Society of America*, 1986.]

Miller, J.L. Rate-dependent processing in speech perception. Invited talk presented to Laboratoire de Psychologie, Centre National de la Recherche Scientifique, Paris, France, 1985.

Miller, J.L. Effects of speaking rate on segmental perception. Invited talk presented to Speech Group at Centre National d'Etudes des Telecommunications, Lannion, France, 1985.

Miller, J.L. Mandatory processing in speech perception. Invited talk presented at the Workshop on Modularity in Knowledge Representation and Natural Language Understanding, Amherst, 1985.

Miller, J.L. Infant speech perception and the acquisition of language. Invited talk presented to the Developmental Research Group, Psychology Department, Harvard University, 1984.

Green, K.P., and Miller, J.L. Effects of speaking rate on phonetic perception: Contribution of visual information. Paper presented at the meeting of the Acoustical Society of America, Minneapolis, 1984. [Published Abstract, *Journal of the Acoustical Society of America*, 1984.]

Miller, J.L., Dexter, E.R., and Pickard, K.A. Influence of speaking rate and lexical status on word identification. Paper presented at the meeting of the Acoustical Society of America, Minneapolis, 1984. [Published Abstract, *Journal of the Acoustical Society of America*, 1984.]

Miller, J.L., and Eimas, P.D. Studies on the categorization of speech by infants. Invited focus paper for M.I.T. Cognitive Science Seminar Series, 1983.

Miller, J.L., Aibel, I.L., and Green, K. On the nature of the listener's adjustment for speaking rate during phonetic perception. Invited paper presented at the meeting of the Acoustical Society of America, Cincinnati, 1983. [Published Abstract, *Journal of the Acoustical Society of America*, 1983.]

Miller, J.L. Evidence for rate-dependent processing in speech perception. Colloquium presented at the Aphasia Research Center, VA Hospital, Boston, 1983.

Buus, S., Miller, J.L., and Scharf, B. Masking of the /da/-/ga/ distinction in cochlear impairment. Paper presented at the meeting of the Acoustical Society of America, San Diego, 1983. [Published Abstract, *Journal of the Acoustical Society of America*, 1983.]

Miller, J.L. The role of speaking rate in a theory of speech perception. Invited talk presented at the Language and Communication Seminar, Dept. of Psychology and Social Relations, Harvard University, 1982.

Miller, J.L. Contextual effects in speech perception: Development and disorder. Invited talk presented at the spring conference of the New Hampshire Speech-Language-Hearing Association, 1982.

Miller, J.L. Speech perception: Evidence for rate-dependent processing. Colloquium presented at the Psychology Department, Northeastern University, 1982.

Miller, J.L., Green, K., and Schermer, T. On the distinction between prosodic and semantic factors in word identification. Paper presented at the meeting of the Acoustical Society of America, Chicago, 1982. [Published Abstract, *Journal of the Acoustical Society of America*, 1982.]

Miller, J.L. On the nature of rate effects in speech perception. Invited talk presented at the Speech Communication Group, Research Laboratory of Electronics, M.I.T., 1982.

Miller, J.L. Speech perception: Evidence for rate-dependent processing. Colloquium presented at the Psycholinguistic Lecture Series, Boston University, 1981.

Miller, J.L. Categorization processes in speech perception: Context and development. Invited talk presented at the Research Laboratory of Electronics, Speech Communication Group, M.I.T., 1981.

Miller, J.L., and Eimas, P.D. Contextual perception of voicing by infants. Paper presented at the meeting of the Society for Research in Child Development, Boston, 1981.

Miller, J.L., and Schermer, T.M. Speaking rate affects perception of good exemplars of a phonetic category. Paper presented at the meeting of the Acoustical Society of America, Ottawa, 1981. [Published Abstract, *Journal of the Acoustical Society of America*, 1981.]

Miller, J.L. Prosodic factors in speech perception. Colloquium presented at the Laboratory for Language and Cognitive Studies, The Salk Institute, San Diego, CA, 1981.

Miller, J.L., and Connine, C.M. Psychophysical tuning curves for phonetically-relevant acoustic information. Paper presented at the meeting of the Acoustical Society of America, Atlanta, 1980. [Published Abstract, *Journal of the Acoustical Society of America*, 1980.]

Miller, J.L. Psychophysical tuning curves for phonetically-relevant acoustic information: Discussion of ASA paper. Invited talk presented at the Communication Biophysics Group, Research Laboratory of Electronics, M.I.T., Cambridge, 1980.

Miller, J.L. Effects of speaking rate on phonetic perception. Invited talk presented at the Experimental Psychology Group, Sussex University, England, 1980.

Miller, J.L. Speech perception: Evidence for rate-dependent processing. Colloquium presented at the Department of Psychology, M.I.T., 1980.

Miller, J.L., and Grosjean, F. Further studies of the influence of sentence rate on the closure duration cue for voicing. Paper presented at the meeting of the Acoustical Society of America, Cambridge, 1979. [Published Abstract, *Journal of the Acoustical Society of America*, 1979.]

Miller, J.L., and Eimas, P.D. The role of feature detectors in speech perception: A critical review. Invited paper presented at the Symposium on Feature Detection and Pattern Recognition, Austin, 1979.

Miller, J.L. Speech perception: On hearing /ba/ and /wa/. Colloquium presented at the Department of Psychology, Northeastern University, Boston, 1978.

Miller, J.L. Speech perception: Some considerations for the clinician. Invited short course given at the convention of the Massachusetts Speech and Hearing Association, Hyannis, 1978.

Miller, J.L. Evidence for featural organization in infant speech perception. Invited talk presented at the Speech Communication Group, Research Laboratory of Electronics, M.I.T., Cambridge, 1978.

Miller, J.L. Current issues in speech perception. Colloquium presented at the Language Sciences Colloquium Series, Northeastern University, Boston, 1978.

Miller, J.L., and Liberman, A.M. Some observations on how the perception of syllable-initial /b/ vs. /w/ is affected by the remainder of the syllable. Paper presented at the meeting of the Acoustical Society of America, Providence, 1978. [Published Abstract, *Journal of the Acoustical Society of America*, 1978.]

Miller, J.L., Eimas, P.D., Tartter, V.C., and Keuthen, N.M. Asymmetric dependencies in the processing of speech. Paper presented at the meeting of the Eastern Psychological Association, Boston, 1977.

Miller, J.L., Eimas, P.D., and Root, J. Properties of feature detectors for place of articulation. Paper presented at the meeting of the Acoustical Society of America, University Park, 1977. [Published Abstract, *Journal of the Acoustical Society of America*, 1977.]

Miller, J.L. Studies of infant speech perception. Invited address presented at the meeting of the New England Child Language Association, Boston, 1977.

Miller, J.L. Properties of feature detectors for VOT. Paper presented at the meeting of the Acoustical Society of America, Washington, D.C., 1976. [Published Abstract, *Journal of the Acoustical Society of America*, 1976.]

Miller, J.L. Dependencies in speech processing. Invited talk presented at the Speech Communication Group, Research Laboratory of Electronics, M.I.T., Cambridge, 1976.

Miller, J.L. Recent studies of speech perception: Evidence for feature detectors. Colloquium presented at the Department of Psychology, Northeastern University, Boston, 1976.

Miller, J.L. The role of feature detectors in phonetic perception. Colloquium presented at the Department of Psychology, University of Connecticut, Storrs, 1976.

Miller, J.L. Studies of infant speech perception. Colloquium presented at the Child Development and Mental Retardation Center, University of Washington, Seattle, 1976.

Miller, J.L. Recent studies of speech perception. Colloquium presented at the Center for Research in Human Learning, University of Minnesota, Minneapolis, 1975.

Miller, J.L. Studies of speech perception: Evidence for feature detectors. Invited talk presented at the Seminar on Speech Perception, Department of Psychology, University of Maryland, College Park, 1975.

Miller, J.L. Linguistic ability at an early age: The young infant's perception of speech. Invited paper presented at A Symposium: Studies of infant behavior at Brown University, New England Psychological Association, Worcester, 1975.

Miller, J.L. Recent studies of infant speech perception. Colloquium presented at the Collier Hearing and Speech Center, University of Texas at Dallas, 1974.

PHD STUDENTS (Psychology Department, Northeastern University)

Rachel M. Theodore, PhD 2009, *Some characteristics of talker-specific phonetic detail.*

Michèle Mondini, PhD 2004, *Perceiving non-native speech: Word segmentation.*

J. Sean Allen, PhD 2002, *Tracking individual talker differences in phonetic properties of speech.*

Philip Hodgson, PhD 1993, *Internal structure of phonetic categories: The role of multiple acoustic properties.*

Judith Bürki-Cohen, PhD 1991, *Phoneme identification in English spoken with a foreign accent: The role of lexical context and attention.*

Lydia E. Volaitis, PhD 1990, *Some context effects in the production and perception of stop consonants.*

Kerry P. Green, PhD 1984, *The availability and use of visual prosodic information during spoken language processing.*

ADDITIONAL PhD COMMITTEES

Darrell Penta (PhD 2017)

Timothy Shepard (PhD 2016)

Xu Zhao (PhD 2015)

Jeffrey Nador (PhD 2015)

Amy DiBattista (PhD 2014)

Danielle Blanch-Hartigan (PhD 2011)

Maureen Gillespie (PhD 2011)

Tracy Lennertz (PhD 2010)

Sasha Makarova (PhD 2010, Harvard University)

Robert Griffo (PhD 2009)
Susan Andrzejewski (PhD 2009)
Janelle Rosip (PhD 2006)
Monica Bartlett (PhD 2006)
Farzad Mortazavi (PhD 2006)
Allison Baker (PhD 2005)
Eric Solomon (PhD 2004)
Olga Stepanova (PhD 2004)
Elizabeth Johnson (PhD 2003, Johns Hopkins University)
Aurora Mendelsohn (PhD 2002)
Beverly Jaeger (PhD 2001)
Hannes Musch (PhD 2000)
Franco Giulianini (PhD 1998)
Timothy O'Rourke (PhD 1999, Tufts University)
James McLellan (PhD 1997)
Kathryn Dobroth (PhD 1996)
Christopher Utman (PhD 1996)
Elizabeth Fine (PhD 1995)
Margaret Lanca (PhD 1995)
Margaret Kjelgaard (PhD 1995)
Daniel Quinn (PhD 1989)
Huanping Dai (PhD 1989)
Stephen Heinen (PhD 1988)
Michael Lowry (PhD 1984)
Soren Buus (PhD 1980)
Anthony Sestokas (PhD 1980)
Mary Florentine (PhD 1978)
Francis Ganong (PhD 1977, Harvard University)

VISITING PhD STUDENTS CONDUCTING DOCTORAL RESEARCH IN LAB

Sandra Schwab, University of Neuchatel, Switzerland, 2004-2005
Petra van Alphen, Max Planck Institute for Psycholinguistics, The Netherlands, 2001

POSTDOCTORAL RESEARCH ASSOCIATES/FELLOWS IN LAB

Rachel Hayes-Harb, Research Associate, 2003-2004
Larry Brancazio, NIH NRSA Fellow, 1998-2001
Sarah Wayland, NIH NRSA Fellow, 1990-1993

COURSES TAUGHT

Graduate

Ethics and Professional Issues
Proseminar in Language and Cognition
Proseminar in Psycholinguistics
Seminar in Psycholinguistics
Seminar in Lexical Access
Seminar in Cognition: Prosody

Undergraduate

Human Learning and Cognition
Language Acquisition
Cognition
Language and Cognition
Laboratory in Psycholinguistics
Statistics in Behavioral Science I
Statistics in Psychological Research

UNDERGRADUATE RESEARCH SUPERVISION

Supervised undergraduate students working in lab over many years under a variety of mechanisms including honors, directed-study, work-study, co-op, research fellowship, and volunteer.

DEPARTMENT SERVICE (Northeastern University)

Department Chair, 2010-2020
Faculty Mentor for N. Kim, 2005-2011
Graduate Coordinator (Chair, Graduate Committee), 2004-2009
Department Liaison/Advisor for Dual Major in Psychology/Linguistics, 1998-2009
Department Liaison/Advisor for Dual Major in Cognitive Psychology/Computer Science, 1998-2009
Department Liaison/Advisor for Dual Major in Cognitive Psychology/Information Science, 2004-2009
Psychology Department Chair Search Committee (Chair), 2006-2007
Faculty Search Committee, Cognition (Chair), 2006-2007
Third-Year Review Committee for J. McLaughlin, 2006-2007
Faculty Merit Raise Committee, 2005-2006
Faculty Development Committee, 2003-2006
Faculty Search Committee, Language & Cognition (Chair), 2004-2005
Tenure Review Committee for D. DeSteno, 2004-2005

Faculty Search Committee, Language & Cognition (Chair), 2003-2004
Tenure Review Committee (Chair) for J. Coley, 2003-2004
Faculty Mentor for J. Coley, 2000-2004
Faculty Search Committee, Behavioral Neuroscience, 2002-2003
Faculty Merit Raise Committee, 2002-2003
Tenure Review Committee (Chair) for F. Xu, 2002-2003
Faculty Mentor for F. Xu, 2000-2003
Graduate Committee, 2001-2003
Full Professor Promotion Committee for R. Eskew, 2001-2002
Third-year Review Committee (Chair) for J. Coley, 2000-2001
Tenure Review Committee (Chair) for N. Pearlmutter, 2000-2001
Faculty Mentor for N. Pearlmutter, 2000-2001
Faculty Merit Raise Committee, 2000-2001
Interim Graduate Coordinator, 2000-2001
Third-year Review Committee (Chair) for F. Xu, 1999-2000
Tenure Review Committee for D. Jackson, 1999-2000
Neurosciences Working Group, 1998-2000
Third-year Review Committee for N. Pearlmutter (Chair), 1997-1998
Faculty Search Committee, Cognitive (Chair), 1997-1998
Third-year Review Committee for D. Jackson, 1996-1997
Tenure Review Committee (Chair) for D. Bryant, 1996-1997
Faculty Search Committee, Cognitive (Chair), 1995-1996
Third-year Review Committee for L. Cole, 1995-1996
Graduate Committee, 1994-1996
Graduate Coordinator (Chair, Graduate Committee), 1994-1995
Psychology Department Chair Search Committee (Chair), 1994-1995
Faculty Search Committee, Cognitive (Chair), 1994-1995
Tenure Review Committee (Chair) for N. Soja, 1993-1994
Faculty Search Committee, Behavioral Neuroscience, 1993-1994
Third-year Review Committee (Chair) for D. Bryant, 1993-1994
Full Professor Promotion Committee for A. Reeves, 1991-1992
Undergraduate Committee, 1991-1992
Faculty Merit Raise Committee, 1991-1992
Faculty Search Committee, Cognitive (Chair), 1990-1991
Faculty Search Committee, Cognitive (Chair), 1989-1990
Third-year Review Committee for N. Soja, 1989-1990
Tenure Review Committee for J. Hall, 1988-1989
Full Professor Promotion Committee for S. Harkins, 1988-1989
Graduate Coordinator (Chair, Graduate Committee), 1987-1989
Director, Multi-user Computer System, 1981-1988
Faculty Search Committee, Cognitive, 1987-1988
Tenure Review Committee for J. Stellar, 1986-1987
Tenure Review Committee for A. Reeves, 1986-1987
Faculty Search Committee, Developmental, 1986-1987

Faculty Search Committee, Language & Cognition, 1986-1987
Graduate Committee, 1985-1986
Faculty Merit Raise Committee, 1985-1986
Graduate Committee, 1980-1983
Third-Year Review committee for J. Kegl, 1982-1983
Faculty Search Committee, Cognitive, 1981-1982
Psychology Department Chair Search Committee, 1981-1982
Colloquium Committee, 1980-1981
Committee on Social/Developmental Position, 1980-1981
Committee on Salaries, 1980-1981
Undergraduate/Curriculum Committee, 1978-1981
Coordinator of Undergraduate Affairs, 1978-1980
Department Executive Committee, 1979-1980
Department Computer Committee, 1979-1980
Faculty Search Committee, Cognition, 1979-1980
Faculty Search Committee, Social Psychology, 1976-1977
Graduate Admissions Committee, 1976-1977

COLLEGE/UNIVERSITY SERVICE (Northeastern University)

Linguistics Program Affiliated Faculty, 1978-2020
Faculty Senate Research Policy Oversight Committee, 2016-2018
Goldwater Scholarship Review Committee, 2011-2016
ADVANCE Panel on Mid-Career Promotion, 2016
Northeastern University Strategic Planning Essence Writing Group, 2015-2016
Faculty Senate Enrollment and Admissions Policy Committee, 2015-2016
Steering Committee, Conversations for Chairs Forums Program, 2013-2015
Search Committee for College of Science Director, Grad. Admissions, Stud. Services, 2014-2015
Search Committee for College of Science Director, Personnel and Faculty Affairs, 2014-2015
Provost's Cluster Hire Search Committee, 2013-2014
Northeastern University Honors Program Faculty Advisory Board, 2012-2014
Internal Advisory Board, NSF ADVANCE Grant, 2008-2014
College of Science Committee to evaluate Online Service Providers, 2012-2013
Search Committee for Chair, Department of Biology, 2012-2013
Search Committee for College of Science Co-op Director, 2012
Search Committee for Chair, Dept. of Speech-Language Pathology and Audiology, 2010-2012
Search Committee for Dean, College of Science, 2009-2010
Committee to Review Tenure Appeals Procedure, 2008-2009
Faculty Senate Research Policy Oversight Committee, 2006-2009
Search Committee for Provost (Vice Chair), 2007-2008
Matthews/Gladys Brooks Undergraduate Scholar Selection Committee, 2003-2008
Academic Planning Initiative: Fundamental and Translational Research Committee, 2006-2007
Graduate School of Arts & Sciences Academic Standing Committee, 2004-2006

Committee to evaluate Dean, College of Computer and Information Science, 2004-2005
Search Committee for Chair, Dept. of Speech-Language Pathology and Audiology, 2004-2005
Faculty Review Com. for R. Patel, Dept. of Speech-Language Pathology and Audiology, 2004-2005
Graduate Council, 2004-2005
Klein Lecture Selection Committee, 2002-2003
Matthews Distinguished University Professor Selection Committee, 2002-2003
Semester Calendar Committee, 1999-2000
Committee to evaluate Chair, Department of Philosophy, 1998-1999
Advisory Committee to establish Information Science degree program, CCS, 1998-1999
Matthews Distinguished University Professor Selection Committee, 1998-1999
College of Arts and Sciences Distinguished Professor Selection Committee, 1998-1999
College of Arts & Sciences Honors Committee, 1993-1999
Full Professor Promotion Committee, College of Nursing, 1997-1998
Director, Program for Undergrad. Research Fellows in Cognitive/Neural Sciences, 1996-1998
Matthews Distinguished University Professor Selection Committee, 1997-1998
Council on Research and Scholarship 1991-1995
Biomedical Grant Review Committee, 1993-1994
Committee to Evaluate Provost, 1993-1994
Northeastern University Press Editorial Board, 1989-1992
Committee to Evaluate Dean, College of Business Administration, 1991-1992
Committee on College of Computer Science, 1990-1991
Provost Research Faculty Advisory Board, 1989-1990
Search Committee for Chair, Dept. of Speech-Language Pathology and Audiology, 1989-1990
Woman's Studies Advisory Committee, 1988-1989
Sullivan Memorial Scholarship Committee, 1980-1989
Graduate Council, 1997-1998
Coordinator, Cognitive Science Working Group, 1986-1987
Council on Research and Scholarship, 1984-1987
Human Subjects Committee, 1982-1986
Committee on Artificial Intelligence and Cognitive Science (Chair), 1984-1985
College Curriculum Committee, 1978-1980 (Vice Chair, 1979-1980)