

## CURRICULUM VITAE

Rochelle S. Newman

### **Affiliation**

Department of Hearing and Speech Sciences, University of Maryland at College Park  
Program in Neuroscience and Cognitive Science, University of Maryland at College Park  
Maryland Language Science Center

### **Education**

- 1997 Ph.D. State University of New York at Buffalo, Buffalo, NY, Department of Psychology  
Dissertation: "Individual differences and the link between speech perception and speech production" (Advisor: James R. Sawusch)
- 1995 M.A. State University of New York at Buffalo, Buffalo, NY, Department of Psychology  
Capstone Project: "The role of resemblance and remoteness on rate normalization in speech perception" (Advisor: James R. Sawusch)
- 1991 B.S.S. (Bachelor of Science in Speech) Northwestern University, Evanston, IL

### **Positions and Employment**

- 1991-1997 Graduate Research Asst., Dept. of Psychology, State University of New York at Buffalo
- 1997-2001 Assistant Professor, Department of Psychology, University of Iowa
- 2001-2007 Assistant Professor, Department of Hearing & Speech Sciences, University of Maryland
- 2005-present Research Affiliate, Center for the Advanced Study of Language
- 2007-2013 Associate Professor, Department of Hearing & Speech Sciences, University of Maryland
- 2008-2014 Director of Graduate Studies, Dept. of Hearing & Speech Sciences, University of Maryland
- 2012-2014 Director of Graduate Studies, Program in Neuroscience and Cognitive Science, Univ. MD
- 2013-2014 Professor, Department of Hearing & Speech Sciences, University of Maryland
- 2013-present Associate Director, Language Science Center, University of Maryland
- 2014-present Chair, Department of Hearing & Speech Sciences, University of Maryland

### **Peer-Reviewed Publications**

\* = mentored as graduate student

\*\* = mentored as undergraduate student

\*\*\* = mentored as high school intern

1. Newman, R. S. & Jusczyk, P. W. (1996). The cocktail party effect in infants. *Perception & Psychophysics*, 58 (8), 1145-1156.
2. Newman, R. S. & Sawusch, J. R. (1996). Perceptual normalization for speaking rate: Effects of temporal distance. *Perception & Psychophysics*, 58(4), 540-560.
3. Newman, R. S., Sawusch, J. R. & Luce, P. A. (1997). Lexical neighborhood effects in phonetic

- processing. *Journal of Experimental Psychology: Human Perception and Performance*, 23(3), 873-889.
4. Newman, R. S., Sawusch, J. R. & Luce, P. A. (1999). Underspecification and phoneme frequency in speech perception. In M. Broe & J. Pierrehumbert (Eds.), *Papers in Laboratory Phonology V: Language Acquisition and the Lexicon*, pp. 298-311. Cambridge, UK: Cambridge University Press.
  5. Barker\*, B. A. & Newman, R. S. (2000). The cocktail party effect in infants: Following one's mother's voice. *Proceedings of the 24th annual Boston University Conference on Language Development*, p. 92-103.
  6. Newman, R. S. (2000). The use of rate normalization to investigate the basic units of speech. In S. J. Billings, J. P. Boyle, and A. M. Griffith (Eds.) *Chicago Linguistics Society, Volume 35: The panels*. Chicago: Chicago Linguistic Society.
  7. Newman, R. S. (2000) Not all neighborhood effects are created equal. *Behavioral and Brain Sciences*, 23 (3), 343. (commentary).
  8. Sawusch, J. R. & Newman, R. S. (2000). Perceptual normalization for speaking rate II: Effects of signal discontinuities. *Perception & Psychophysics*, 62(2), 285-300.
  9. Newman, R. S., Clouse\*\*, S. A. & Burnham\*\*, J. (2001). The perceptual consequences of acoustic variability in fricative production within and across talkers. *Journal of the Acoustical Society of America*, 109(3), 1181-1196.
  10. Newman, R. S. & German, D. J. (2002). Effects of lexical factors on word naming among normal-learning children and children with word-finding disorders. *Language and Speech*, 43(3), 285-317.
  11. Newman, R. S. (2003). Prosodic differences in mothers' speech to toddlers in quiet and noisy environments. *Applied Psycholinguistics*, 24, 539-560.
  12. Newman, R. S. (2003). Using links between speech perception and speech production to evaluate different acoustic metrics: A preliminary report. *Journal of the Acoustical Society of America*, 113(5), 2850-2860.
  13. Weppelman\*\*, T. L., Bostow\*\*, A., Schiffer\*\*, R., Elbert-Perez\*\*, E. & Newman, R. S. (2003). Children's use of the prosodic characteristics of infant-directed speech. *Language and Communication*, 23(1), 63-80.
  14. German, D. J. & Newman, R. S. (2004). The impact of lexical factors on children's word finding errors. *Journal of Speech, Language and Hearing Research*, 47 (3), 624-636.
  15. Newman, R. S. (2004). Perceptual restoration in children versus adults. *Applied Psycholinguistics*, 25, 481-493.
  16. Barker\*, B. A. & Newman, R. S. (2004). Listen to your mother! The role of talker familiarity in infant streaming. *Cognition*, 94(2), B45-53.
  17. Gupta, P., Lipinski, J., Abbs, B., Lin, P.-H., Aktunc, M. E., Ludden, D., Martin, N. & Newman, R. (2004). Space aliens and nonwords: Stimuli for investigating the learning of novel word-meaning pairs. *Behavior Research Methods, Instruments, and Computers*, 36(4), 599-603.
  18. Newman, R. S. (2005). The cocktail party effect in infants revisited: Listening to one's name in noise. *Developmental Psychology*, 41(2), 352-362.
  19. Hollich, G., Newman, R. S. & Jusczyk, P. W. (2005). Infants' use of synchronized visual information to separate streams of speech. *Child Development*, 76(3), 598-613.
  20. Newman, R. S., Sawusch, J. R. & Luce, P. A. (2005). Do post-onset segments define a lexical neighborhood? *Memory & Cognition*, 33(6), 941-960.

21. Newman, R. S. & German, D. J. (2005). Lifespan effects of lexical factors on oral naming. *Language and Speech*, 48(2), 123-156.
22. Newman, R. S. & Hussain\*\*, I. (2006). Changes in preference for infant-directed speech in low and moderate noise by 4.5- to 13-month-olds. *Infancy*, 10(1), 61-76.
23. Newman, R. S., Bernstein Ratner, N., Jusczyk, A. M., Jusczyk, P. W. & Dow, K. A. (2006). Infants' early ability to segment the conversational speech signal predicts later language development: A retrospective analysis. *Developmental Psychology*, 42(4), 643-655.
24. Newman, R.S. (2006). Perceptual restoration in toddlers. *Perception & Psychophysics*, 68, 625-642.
25. Newman, R. S. & Evers\*\*, S. E. (2007). The role of talker familiarity on stream segregation. *Journal of Phonetics*, 35, 85-103.
26. Newman, R. S. & Bernstein Ratner, N. (2007). The role of selected lexical factors on confrontation naming accuracy, speed and fluency in adults who do and do not stutter. *Journal of Speech, Language, and Hearing Research*, 50, 196-213.
27. German, D. J. & Newman, R. S. (2007). Oral reading skills of children with oral language (word finding) difficulties. *Reading Psychology*, 28(5).
28. Newman, R. & Bernstein Ratner, N. (2007). Factors that affect naming in adults and children who stutter. In J. Au-Yeung (ed.) *Proceedings of the 5<sup>th</sup> World Congress on Fluency Disorders* (pp. 136-140).
29. Newman, R.S. (2008). The level of detail in infants' word learning. *Current Directions in Psychological Science*, 17(3), 229-232.
30. Newman, R. S. & Sawusch, J. R. (2009). Perceptual normalization for speaking rate III: Effects of the rate of one voice on perception of another. *J. Phonetics*, 37(1), 46-65.
31. Newman, R., Samuelson, L. & Gupta, P. (2009). Learning novel neighbors: distributed mappings help children and connectionist models. In *Proceedings of CogSci2008*.
32. Newman, R. S. (2009). Infant's listening in multitalker environments: Effect of the number of background talkers. *Attention, Perception & Psychophysics*, 71, 822-836.
33. Bernstein Ratner, N., Newman, R., & Streckas\*, A. (2009). Effects of word frequency and phonological neighborhood characteristics on confrontation naming in children who stutter and normally fluent peers. *J. of Fluency Disorders*, 34, 225-241.
34. Newman, R. (2011). 2-year-olds' speech understanding in multi-talker environments. *Infancy*, 16(5), 447-470.
35. Newman, R., Sawusch, J. R. & Wunnenberg\*\*, T. (2011). Cues and cue interactions in segmenting words in fluent speech. *Journal of Memory and Language*, 64(4), 460-476.
36. Panneton, R. & Newman, R. S. (2012). Development of speech perception. In R. Fay, A. Popper & L. Werner (Eds.), *Human Auditory Development*, Springer Handbook of Auditory Research.
37. Newman, R. & Sachs, J. (2012). Communication Development in Infancy. In *The Development of Language*, J. Berko Gleason & N. Bernstein Ratner, 8<sup>th</sup> edition.

38. Michael\*, S., Bernstein Ratner, N., & Newman, R. S. (2012). Verb comprehension and use in children and adults with Down syndrome. *Journal of Speech, Language, and Hearing Research, 55*(6), 1736-1749.
39. Newman, R. S. & Chatterjee, M. (2013). Toddlers' recognition of noise-vocoded speech. *Journal of the Acoustical Society of America, 133*(1), 483-494.
40. Newman, R. S., Chatterjee, M., Morini\*, G. & Nasuta\*\*, M. (2013). Toddlers' comprehension of noise-vocoded speech and sine-wave analogs to speech. *T Proceedings of Meetings on Acoustics, 19*, pp. 060077.
41. Heffner\*, C. & Newman, R. S. (2013). Canadian oaks and Canadian goats: Comparing distal cues to segmentation and segments. *Proceedings of Meetings on Acoustics, 19*, pp. 060295.
42. Newman, R. S., Morini\*, G. & Chatterjee, M. (2013). Infants' name recognition in on- and off-channel noise. *Journal of the Acoustical Society of America, 133*(5), EL377-EL383.
43. Janse, E. & Newman, R. S. (2013). Identifying nonwords: Effects of lexical neighborhoods, phonotactic probability, and listener characteristics. *Language & Speech, 56*(4), 421-441.
44. Dombroski\*\*, J. & Newman, R. S. (2014). Toddlers' ability to map the meaning of new words in multi-talker environments. *Journal of the Acoustical Society of America, 136*(5), 2087-2815.
45. Bail\*, A., Morini\*, G. & Newman, R. S. (in press). Look at the gato! Code-switching in speech to toddlers. To appear in the *Journal of Child Language*.
46. Ross-Sheehy, S. & Newman, R. S. (2015). Infant auditory short-term memory for nonlinguistic sounds. *Journal of Experimental Child Psychology, 132*, 51-64.
47. Segal\*, J. & Newman, R. S. (in press). Infant preferences for structure and prosodic properties of infant-directed speech in the second year of life. To appear in *Infancy*.
48. Torrington Eaton\*, C., Newman, R. S., Ratner, N., & Rowe, M. (in press). Non-word repetition in two-year-olds: replication of an adapted paradigm and a useful methodological extension. To appear in *Clinical Linguistics & Phonetics*.

**Research support**

**EXTERNAL**

- |   |                            |
|---|----------------------------|
| 1. NIH Grant 1 R03 HD37822-01 \$146,910 total direct costs<br>Project title: "The development of language and attention in infancy" | 8/1/99-7/31/03<br>PI       |
| 2. NSF Grant BCS 99-07849 \$34,873 total direct costs<br>Project title: "The development of language and attention in infancy"      | 10/1/99-9/30/03<br>PI      |
| 3. Bamford-Lahey Foundation \$20,000 total direct costs<br>Project title: "Perceptual precursors of early language development"     | 1/15/03 – 1/15/04<br>Co-PI |
| 4. NSF Grant, BCS 0642294 \$168,135 total direct costs  | 5/1/07 – 4/30/11           |

- Project title: "Development of infant stream segregation: the interplay between perception and cognition" PI
5. NSF Grant, BCS 0745412 \$262,277 total direct costs 8/15/08 – 6/01/13  
Project title: "Speech and nonspeech predictors of later language development" PI
  6. NSF Grant, DGE 0801465 IGERT 2008 – 2014  
Project title: "Biological and computational foundations of language diversity" Co-PI
  7. NSF Grant, BCS 0922985 Major Research Instrumentation Program 2009 – 2010  
Project title: "MRI: Acquisition of a 3-Tesla Magnetic Resonance Imaging (MRI)" Faculty
  8. NIDCD NRSA T32 2009 – 2014  
Project title: "Comparative and evolutionary biology of hearing" Faculty
  9. NIH SC2 HD072494-01A2 (Gouvea) \$300,000 total direct costs 7/1/2011 – 6/30/2014  
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish Consultant
  10. DoD CDMRP Grant, AR110086 \$100,000 total direct costs 2012 – 2014  
Project title: "How Autism affects understanding in multitalker environments" PI
  11. NSF Grant, BCS1152109 \$464,287 total direct costs 7/1/2012 – 6/30/2016  
Project title: "New tools for new questions: A multi-site approach to studying the development of selective attention in crib bilinguals" PI
  12. NSF, BCS1252109 Doctoral Dissertation Research Grant, Candise Lin 2/1/2013-1/31/2015  
Project title: "The use of segmentation cues in second language learners of English" Co-PI
  13. NSF, BCS1281901 Doctoral Dissertation Research Grant, Giovanna Morini 9/1/2013-8/31/2015  
Project title: "Interactions between language experience and cognitive abilities in word learning" PI
  14. Grammy Foundation Proposal, L. R. Slevc awarded, June 2014  
Project title: "Why does musical training affect second language learning?" Co-Investigator

#### INTERNAL

1. University of Iowa Central Investment Fund for Research Enhancement (C.I.F.R.E.) 1/98-6/98  
Project title: "Streaming in infants: The effect of similarity between voices"
2. University of Iowa Central Investment Fund for Research Enhancement (C.I.F.R.E.) 1/01-6/02  
Project title: "Mechanisms of speech processing"
3. University of Maryland GRB Award 6/30/03-6/30/04  
Project title: "Understanding speech in multi-talker environments: Lifespan changes"
4. University of Maryland GRB Summer Award Summer, 2004  
Project title: "Determining the number of semantic neighbors for spoken words"
5. University of Maryland Women's Forum Research Award October, 2005  
Project title: "The effect of menopause on women's lexical access"
6. Dean's Research Initiative Funding July, 2010-June 2012  
Project title: "Early perceptual, cognitive and linguistic skills in infants at-risk for autism"
7. Support Program for Advancing Research and Collaboration (SPARC) 2012-2013  
Project title: "Relationship between stress sensitivity, phonemic processing and reading skill in children with and without dyslexia" Consultant
8. ADVANCE Program for Inclusive Excellence May, 2012 – April, 2013  
Project title: "Children's real time processing of words and sounds" Co-PI.

9. VPR Tier 1 request

June, 2013 – May, 2014

Project title: “The development of language comprehension in simulated cochlear implant speech”

Co-PI

### **Awards and student awards**

2013, BSOS Mentorship Award

My student mentees have received:

#### **Graduates**

NSF Graduate Research Fellowship

NSF East Asia & Pacific Summer Institutes Fellowship

UMD Distinguished Service Award

NSF Doctoral Dissertation Improvement Grant

UMD Flagship Fellowship

#### **Undergraduates**

J. R. Dorfman Prize for Outstanding Undergraduate Research

HHMI Fellow

MCUR 2011-2012 Student Researcher of the Year Award

Maryland Center for Undergraduate Research Summer Fellow (x3)

Merrill Scholar

Honors in Biology

Honors in Hearing and Speech Sciences

VU-Edge (Vanderbilt) Fellow

SPARC (Students Preparing for Academic and Research Careers) Award

#### **High School Interns**

ERHS: First place in Behavioral and Social Sciences, Regional Science Fair

Best Presentation, Regional Science Fair

Honorable Mention from the Washington Statistical Society

Naval Science - Senior award from the Office of Naval Research

### **Invited talks since 2008**

1. Newman, R. S. & German, D. J. The oral reading skills of children with oral language (word-finding) difficulties. Invited talk in the School of Education, University of Delaware, September, 2008.
2. Newman, R. S. The cocktail party effect in infants: Infants’ ability to hear in noise and use top-down information. Invited talk in the Department of Linguistics, University of Delaware, September, 2008.
3. Newman, R. S. The cocktail party effect in infants: Infants’ ability to hear in noise and use top-down information. Invited talk at the Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands, October, 2008.
4. Newman, R. S. The level of detail in infants’ lexical representations and its implications for computational models. Invited talk at the ACORNS Workshop on Computational Models of Language Evolution, Acquisition and Processing, Brighton, UK, September 2009.
5. Newman, R. S. Early infant perceptual abilities and later outcomes. Invited talk at Children’s Hospital

Center for Autism Spectrum Disorders, June, 2010.

6. Newman, R. S. Infants' early perceptual abilities and how these relate to later language outcomes. Invited talk, George Washington University, October, 2011.
7. Newman, R. S. Infants' comprehension of speech in the presence of noise. Invited talk at the Department of Speech, Language, & Hearing Sciences, Boston University, March, 2012.
8. Newman, R. S. How babies make sense of sound. Invited talk as part of AAAS Meet the Scientists stage show at the 2<sup>nd</sup> USA Science & Engineering Festival, April 2012.
9. Newman, R. S. How babies make sense of sound. Invited talk at the University of Tübingen, July 2014.

### **Presentations since 2010**

1. Merickel\*\*, J. & Newman, R. Top-down lexical knowledge integration in toddlers. Paper presented at Psycholinguistic Approaches to Speech Recognition in Adverse Conditions Workshop, Bristol, UK, March, 2010.
2. Jesse, A. & Newman, R. S. Perceptual learning of talker-idiosyncratic phonetic cues. Poster presented at the 159th meeting of the Acoustical Society of America, April, 2010.
3. Newman, R.S. & Morini\*, G. Infants' ability to recognize speech in the presence of amplitude-modulated background noise. Poster presented at the 159th meeting of the Acoustical Society of America, April, 2010.
4. McColgan\*, K.E., Bernstein Ratner, N., & Newman, R. Longitudinal analysis of vowels in infant-directed speech. Poster presented at the 159th meeting of the Acoustical Society of America, April, 2010.
5. Synnesvedt\*, A., Bernstein Ratner, N., & Newman, R. Voice onset time in infant-directed speech at 7.5 and 11 months. Poster presented at the 159th meeting of the Acoustical Society of America, April, 2010.
6. McCammon, J. M., Bernstein Ratner, N., & Newman, R. Palatalization in infant-directed speech. Poster presented at the 159th meeting of the Acoustical Society of America, April, 2010.
7. Lindenger\*, D., Bernstein Ratner, N., & Newman, R. Question use in infant-directed speech. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
8. Woodyatt\*\*, J., Bernstein Ratner, N., & Newman, R. Fluency of infant-directed speech: Characteristics and Determinants. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
9. Bernstein Ratner, N., McCammon\*, J., & Newman, R. Palatalization in infant-directed speech. Poster

presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.

10. Morini\*, G. & Newman, R. Children's ability to generalize across speakers during early word learning. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
11. McColgan\*, K., Synnestvedt\*, A., Bernstein Ratner, N., & Newman, R. Does variability in maternal speech clarity impact expressive language outcomes? Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
12. Synnesvedt\*, A., Newman, R. & Bernstein Ratner, N. Voice onset time in infant-directed and adult-directed speech. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
13. Bernstein Ratner, N. & Newman, R. Early predictors of later language development. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
14. Michael\*, S., Bernstein Ratner, N., & Newman, R. Verb comprehension and use in Down Syndrome. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2010.
15. Newman, R. S., Bernstein Ratner, N., Morini\*, G. & Tuit\*, L. Early Segmentation and Statistical Learning, and their Relation to Later Language Skills. Talk presented at the Society for Research in Child Development Biennial Meeting, March, 2011.
16. Morini\*, G. & Newman, R. Exploring the Effect of Language Context During Word Recognition. Poster presented at the Society for Research in Child Development Biennial Meeting, March, 2011.
17. Newman, R., Bernstein Ratner, N., McColgan\*, K., & Tuit\*, L. Maternal speech to children, and its relation to later language skills. Poster presented at the International Association for Child Language Conference, July, 2011.
18. Chatterjee, M., Newman, R., Morini\*, G. & Eisenberg\*\*, D. Toddler's recognition of noise-vocoded speech. Poster presented at the International Association for Child Language Conference, July, 2011.
19. Woodyatt\*, J., Ratner, N., Newman, R. & Brundage, S. Disfluencies in child- and adult-directed speech: Lexical and syntactic correlates. Poster presented at the 9<sup>th</sup> Oxford Dysfluency Conference, Oxford, England, September 2011.
20. Royster\*, C., Ratner, N., Newman, R., McColgan\*, K., & Tuit\*, L. "Meow" or "Kitty"? Mothers' onomatopoeia, naming and child language growth. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2011.
21. Miller\*, A., Dougherty, L., Newman, R., Ratner, N. & Blankenship\*, S. Does maternal depression affect how children benefit from child-directed speech? Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2011.



22. Eaton\*, C. T., Ratner, N., & Newman, R. Speech sound discrimination in infants at-risk for phonological disorder: Preliminary data. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2011.
23. Eaton\*, C. T. & Newman, R. Up and \_\_\_\_: The science behind phrase completion exercises. Poster presented at the American Speech, Language Hearing Association Annual Convention, November, 2011.
24. Newman, R. S., Ratner, N., Morini\*, G. & Tuit\*, L. Infant statistical learning and segmentation skills, and their relation to later language skills. Paper presented at the International Conference on Infant Studies, June, 2012.
25. Newman, R. S. & Morini\*, G. Infants' and toddlers' ability to use gender as a cue to stream segregation. Poster presented at the International Conference on Infant Studies, June, 2012.
26. Morini\*, G., Newman, R. S. & Singh, L. Processing the rhythm: Word identification in American & Singapore English. Poster presented at the International Conference on Infant Studies, June, 2012.
27. Moussavi\*\*, V. & Newman, R. S. The development of short-term memory in human infants. Poster presented at the International Conference on Infant Studies, June, 2012.
28. Woodyatt\*, J., Bernstein Ratner, N., Brundage, S. & Newman, R. Relationships among disfluency, vocabulary diversity and utterance length. World Congress on Fluency Disorders, Tours, France, July, 2012.
29. Morini\*, G., Johnson, E.K., Singh, L., Newman R.S.. Identifying talkers in other languages and dialects: The role of language rhythm. Poster presented at the annual meeting of the Psychonomic Society, November, 2012.
30. Newman, R. S. , Morini\*, G., Chatterjee, M., Ablorh\*\*\*, K. & Bender\*\*, C. Children's restoration of temporally reversed speech. Poster presented at the annual meeting of the Psychonomic Society, November, 2012.
31. Newman, R. S., Bipat\*\*\*, T. S., & Morini\*, G. The use of top-down linguistic knowledge by preschool children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA, April, 2013.
32. Morini\*, G. & Newman, R. S. The effect of talker variability during word learning. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, WA, April, 2013.
33. Newman, R. S., Chatterjee, M., Morini\*, G. & Nasuta\*\*, M. Toddlers' comprehension of noise-vocoded speech and sine-wave analogs to speech. Poster presented at the International Congress on Acoustics 2013, Montréal, Québec, June, 2013.
34. Heffner\*, C. & Newman, R. S. Canadian oats and Canadian goats: Comparing distal cues to segmentation and segments. Poster presented at the International Congress on Acoustics 2013, Montréal, Québec, June, 2013.

35. Heffner\*, C. & Newman, R. S. Differences in timing perception may not entail differences in timing use. Poster presented at the Fifth International Aging and Speech Communication Conference, Bloomington, IL, October, 2013.
36. Newman, R., Bernstein Ratner, N., Rowe, M., Eaton\*, C. & Morini\*, G. The effect of infant perceptual skills and maternal input on 2-year-old vocabulary outcomes. Poster presented at the 2013 Cognitive Development Society Meeting, Memphis, October, 2013.
37. Morini\*, G. & Newman, R. S. Monolinguals' and bilinguals' ability to process speech and learn words in noise. Poster presented at the 54<sup>th</sup> Annual Psychonomic Society Meeting, Toronto, Canada, November, 2013.
38. Jesse, A. & Newman, R. S. Seeing a speaker provides speaking rate information for phoneme recognition. Poster presented at the 54<sup>th</sup> Annual Psychonomic Society Meeting, Toronto, Canada, November, 2013.
39. Newman, R., Kidd, G. Jr., Ahsan\*\*\*, F., & Morini\*, G. The development of informational masking. Poster presented at the 54<sup>th</sup> Annual Psychonomic Society Meeting, Toronto, Canada, November, 2013.
40. Rice, K., Wood, E., Newman, R., Bernstein Ratner, N., Lidz, J. & Redcay, E. Differences in overt but not covert gaze-following in young infants at risk for Autism Spectrum Disorders. Poster presented at the International Meeting for Autism Research, Atlanta, May, 2014.
41. Morini\*, G. & Newman, R. S. One language vs. two: Interactions between language experience and cognitive abilities in word learning and word recognition. Poster to be presented at the International Conference on Infant Studies, Berlin, July 2014.
42. Newman, R. S., Morini\*, G., & Chatterjee, M. Development in the ability to comprehend degraded speech signals. Poster to be presented at the International Conference on Infant Studies, Berlin, July 2014.
43. Brundage, S., Woodyatt, J., Bernstein Ratner, N. & Newman, R. Disfluencies in the input: Correlations with child language outcomes. Poster to be presented at the conference of the International Association on Child Language Development, Amsterdam, July 2014.
44. Morini\*, G. & Newman, R. S. The effect of language context on monolingual and bilingual word recognition. Poster to be presented at the conference of the International Association on Child Language Development, Amsterdam, July 2014.
45. Hartman\*, K., Sampson\*, J., Bernstein Ratner, N. & Newman, R. Vowel articulation in infant-directed speech and associated child language outcomes. Poster to be presented at the conference of the International Association on Child Language Development, Amsterdam, July 2014.
46. Sampson\*, J., Hartman\*, K., Bernstein Ratner, N. & Newman, R. Patterns of VOT in infant-directed speech that are associated with language outcomes at 24 months. Poster to be presented at the conference of the International Association on Child Language Development, Amsterdam, July 2014.
47. Newman, R. S., Morini\*, G., Bail\*, A., & Dellinger, S. Look at the gato! Maternal language-mixing

in speech to toddlers. Poster to be presented at the conference of the International Association on Child Language Development, Amsterdam, July 2014.

48. Heffner\*, C. C. & Newman, R. S. A more slowly ticking clock isn't less useful. Poster to be presented at the Universitas21 Annual Graduate Student Research Conference, Auckland, New Zealand, July 2014.

### **Professional Service**

Associate Editor, *Journal of the Acoustical Society of America*, 2007-2011

Editorial board, *Perception & Psychophysics* 2003-2005

Ad-hoc grant reviewer, National Institutes of Health, Communication Disorders Review Committee and National Science Foundation, Division of Behavioral and Cognitive Sciences.

Grant panel reviewer, National Science Foundation, Developmental and Learning Sciences, 2009

Ad-hoc reviewer, since 2010: *Bilingualism, Language & Cognition; Child Development; Developmental Science; Folia Phoniatrica et Logopaedica; Infancy; Infant Behavior and Development; Infant & Child Development; Journal of Experimental Child Psychology; Journal of Memory and Language; Journal of Speech, Language, and Hearing Research; Journal of the Acoustical Society of America; Language Learning & Development; Perception & Psychophysics/Attention, Perception & Psychophysics. Psychological Science; Psychonomic Bulletin & Review*

Regular mentor for Eleanor Roosevelt High School Science Internship Program

### **University Service**

Associate Director, Maryland Language Science Center, 2013-present

Admissions committee, Program in Neuroscience and Cognitive Science, 2001-2004; 2006-2014

Chair, Admissions committee, Program in Neuroscience and Cognitive Science, 2012-2014

Director of Graduate Studies, Program in Neuroscience and Cognitive Science, 2012-2014

Curriculum Committee, Program in Neuroscience and Cognitive Science, 2012-2014

Self-study committee, Program in Neuroscience and Cognitive Science, 2012-2013

Executive Board, Program in Neuroscience and Cognitive Science, 2007-2009, 2012-2014

Executive Board, Maryland IGERT/Language Science Center, 2008-present

University Graduate Council, 2009-2013

University Graduate Council PCC Committee, 2009-2013; Chair 2010-2013

University Senate, 2010-2011

Research mentor for nearly 150 undergraduate students (currently 15-20 per semester) through a variety of research programs.

Regular mentor for three different campus programs designed specifically to broaden the participation of groups underrepresented in science.

### **Major Departmental Service**

Director of Graduate studies, 2008-2014

Chair, Admissions and Financial Aid Committee, 2008-2014

Diversity Committee, 2008-present (Chair, 2007-2008)

Search Committee Member, Audiology Search, 2010-2011

Search Committee Member, Hearing Science Search, 2010-2011

Search Committee Co-Chair, Speech Science Search, 2010-2011

Departmental APT Review Committee, 2010-2011; 2013-2014

Ph.D. Student Professional Development Series, Organizer, 2010-2014

Chair, Administrative Affairs Committee, 2011-2014

Executive Committee, 2011-2014  
Information Technology Committee, 2011-2014  
Search Committee Chair, Open-Rank Search, 2011-2012, 2012-2013  
Department Chair Search Committee Member, 2013-2014  
Faculty Mentor (for Yi Ting Huang), 2011-2014

**Professional Organizations**

- Acoustical Society of America
- Psychonomic Society
- International Society for Infant Studies
- Society for Language Development
- Society for Cognitive Development
- American Psychological Society