

April 2007

## Biographical Sketch: Nan Bernstein Ratner

**Nan Bernstein Ratner, Ed.D., C.C.C.** is Professor and Chairman, Department of Hearing and Speech Sciences, University of Maryland at College Park. She holds degrees in Child Study (Tufts University), Speech-Language Pathology (Temple University) and Applied Psycholinguistics (Boston University). Dr. Ratner is the editor of numerous volumes, and author of numerous chapters and articles addressing language acquisition and fluency in children. Many of her writings can be found in the *Journal of Speech and Hearing Research* and other ASHA journals, *The Journal of Fluency Disorders*, and major texts on stuttering and language development. Her current research focuses on the origins of stuttering in young children, the interactions between fluency and language development in typical and language-impaired children (with Leslie Rescorla of Bryn Mawr College), and predictors of language acquisition in infants (with the late Peter Jusczyk of Johns Hopkins University and HESP colleague Rochelle Newman). With Jean Berko Gleason, Dr. Ratner is the author of the text *Psycholinguistics*. Dr. Ratner currently serves as Co-editor of *Seminars in Speech and Language*. For a number of years, she served as division coordinator of ASHA's Special Interest Division #4 (Fluency and Fluency Disorders). She is a frequently-invited presenter at state, national and international speech, language and hearing association meetings. In 1996, Dr. Ratner was made a fellow of the American Speech Language and Hearing Association. In 2006, she was presented with the Distinguished Researcher Award by the International Fluency Association.

### *CURRICULUM VITAE*

**NAME:** *Nan E. Bernstein Ratner*

**DEPARTMENT:** Hearing and Speech Sciences  
The University of Maryland at College Park

**CURRENT APPOINTMENT:** Professor and Chairman  
Appointed June, 1999 (Professor); 1993 (Chairman)

#### **EDUCATION**

1976-1982	Ed.D. Boston University	Applied Psycholinguistics
1974-1976	M.A. Temple University	Speech Pathology/Audiology
1971-1974	B.A. Jackson College, Tufts University	Child Studies/Linguistics

## **CERTIFICATION**

*Certificate of Clinical Competence*, American Speech, Language and Hearing Association  
*Fellow*, American Speech, Language and Hearing Association  
*Certificate of Specialty Recognition in Fluency Disorders*, American Speech, Language and Hearing Association  
*Board-recognized Specialist in Child Language*, American Speech, Language and Hearing Association  
*License*, Speech-Language Pathology (#01338), State of Maryland

## **RESEARCH AND SCHOLARLY ACTIVITIES**

### **Books and volumes edited**

1. Berko Gleason, Jean and Nan Bernstein Ratner (Eds.) (1993). *Psycholinguistics*. NY: Harcourt, Brace Jovanovich.
  - 1.1. Berko Gleason, Jean and Nan Bernstein Ratner (Eds.) (1998) *Psycholinguistics (2nd edition)*. Austin: HBJ.
  - 1.2. Berko Gleason, Jean and Nan Bernstein Ratner (Eds.) (1999) *Psycholinguistics, 2<sup>nd</sup> edition* (Spanish edition). McGraw-Hill-Espana.
  - 1.3. Berko Gleason, Jean and Nan Bernstein Ratner (Eds.) (2000) *Psycholingwistyka*. Gdansk: Gdanskie Wydawnictwo Psychologiczne - Gdansk Psychological Publishers
2. Bernstein Ratner, Nan (Guest issue editor) (1993). Stuttering and parent-child interaction. *Seminars in Speech and Language, 14* (3). NY: Thieme.
3. Bernstein Ratner, Nan (Guest issue editor) (1993). Communicative disorders and parent-child interaction. *Seminars in Speech and Language, 14* (4). NY: Thieme.
4. Bernstein Ratner, Nan & E. Charles Healey (Eds.) (1999). *Stuttering research and treatment: bridging the gap*. Mahwah, NJ: Lawrence Erlbaum.
5. Lise Menn & Nan Bernstein Ratner (Eds.) (2000). *Methods for studying language production*. Mahwah, NJ: Lawrence Erlbaum.
6. Bernstein Ratner, Nan & John Tetnowksi (Eds.) (2006). *Current issues in stuttering research and practice*. Mahwah, NJ: Lawrence Erlbaum.
7. Bloodstein, Oliver & Nan Bernstein Ratner (2007, in preparation). *A handbook on stuttering (6<sup>th</sup> edition)*. Clifton Park, NY: Thomson Delmar.

8. Berko Gleason, Jean and Nan Bernstein Ratner (Eds.) (2008, in preparation). *The development of language (7<sup>th</sup> edition)*. Boston: Allyn & Bacon.

### **Book Chapters and Encyclopedia Contributions**

1. Bernstein Ratner, Nan (1987). The phonology of parent-child speech. In K. Nelson & A. van Kleeck (Eds.) *Children's language: Volume 6*. Hillsdale, NJ: Erlbaum (159-174).
2. Bernstein Ratner, Nan (1988). Atypical language development. In J. Berko Gleason (ed.) *The development of language (second edition)*. Columbus: C.C. Merrill (369-406).
  - 2.1 Bernstein Ratner, Nan (1993). Atypical speech and language development. In J. Berko Gleason (Ed.) *The development of language*. (Third edition). Columbus: Charles Merrill Co.(37-45)
  - 2.2 Bernstein Ratner, Nan (1997). Atypical language development. In J. Berko Gleason (ed.) *The development of language*. (Fourth edition). Boston: Allyn & Bacon (348-397).
  - 2.3 Bernstein Ratner, Nan (2001). Atypical speech and language development. In J. Berko Gleason (Ed.) *The development of language (fifth edition)*. Boston: Allyn & Bacon.
  - 2.4 Bernstein Ratner, Nan (2005). Atypical speech and language development. In J. Berko Gleason (Ed.) *The development of language (sixth edition)*. Boston: Allyn & Bacon.
3. Bernstein Ratner, Nan (1993). Phonological analysis of child speech. In J. Sokolov & C. Snow (Eds.) *Handbook of research in language development using CHILDES*. Hillsdale, NJ: Erlbaum (324-372)
4. Bernstein Ratner, Nan & Jean Berko Gleason (1993). An orientation to psycholinguistic research. In Berko Gleason & Bernstein Ratner (Eds.) *Psycholinguistics*. NY: Harcourt, Brace Jovanovich (1-41).
  - 4.1. Bernstein Ratner, Nan and Berko Gleason, J. (1998). An orientation psycholinguistics: what do language users know? In Gleason & Ratner, 2<sup>nd</sup> edition, op.cit.(1-41).
5. Berko Gleason, Jean & Nan Bernstein Ratner (1993). Language acquisition. In Berko Gleason & Bernstein Ratner, (Eds.) *Psycholinguistics*. NY: Harcourt, Brace.(301-345)
  - 5.1. Gleason, Jean Berko and Bernstein Ratner, Nan (1998). Language acquisition. In Gleason & Ratner, 2<sup>nd</sup> edition, op.cit.(347-408).

6. Bernstein Ratner, Nan (1996). From Signal to Syntax - But what is the nature of the signal? In J. Morgan & K. Demuth (Eds). *From signal to syntax: bootstrapping from speech to grammar in early acquisition*. Hillsdale, NJ: Erlbaum (35-150).
7. Bernstein Ratner, Nan (1995). Stuttering and language. In H.F. M. Peters, C.W. Starkweather & H-G. Bosshardt (Eds). *Proceedings of the First World Congress on Fluency Disorders*, Nijmegen: University Press (87-92).
8. Bernstein Ratner, Nan (1997). Stuttering: a psycholinguistic perspective. In R. Curlee & G. Siegel (Eds.) *Nature and treatment of stuttering: new directions (2nd edition)*. Needham, MA: Allyn & Bacon (99-127).
9. Gleason, Jean Berko & Bernstein Ratner, Nan (1997). Psycholinguistics. In G. Adelman & B. H. Smith (Eds.) *Encyclopedia of Neuroscience*. Amsterdam: Elsevier Science (CD-ROM)
  - 9.1. Gleason, Jean Berko & Bernstein Ratner, Nan (1999). Psycholinguistics. In G. Adelman & B. H. Smith (Eds.) *Encyclopedia of Neuroscience, 2nd edition*. Amsterdam: Elsevier Science (CD-ROM).
  - 9.2. Bernstein Ratner, Nan & Gleason, Jean Berko (2003). Psycholinguistics. In G. Adelman & B. H. Smith (Eds). *Encyclopedia of Neuroscience, 3rd edition*. Amsterdam: Elsevier Science (CD-ROM).
10. Bernstein Ratner, Nan (1997). Linguistic behaviors at the onset of stuttering. In W. Hulstijn, H.F.M. Peters, and P. van Lieshout (Eds.) *Speech production: motor control, brain research and fluency disorders*. Amsterdam: Elsevier (585-594).
11. Fromkin, V. & Bernstein Ratner, Nan (1998). Speech production. In Gleason & Ratner, 2<sup>nd</sup> edition, op.cit. (309-346).
12. Bernstein Ratner, Nan (1998). Linguistic and perceptual characteristics of children at stuttering onset. In E. Charles Healey & H. F. M. Peters (eds.) *Proceedings of the Second World Congress on Fluency Disorders*. Nijmegen, The Netherlands: Nijmegen University Press (3-6).
13. Bernstein Ratner, Nan & E.C. Healey (1999). Bridging the gap between research and practice in stuttering: an overview. In Ratner & Healey (Eds.) *Stuttering research and practice: bridging the gap*. Mahwah, NJ: Erlbaum (1-12).
14. Bernstein Ratner, Nan (2000). Elicited imitation and other methods for the analysis of trade-offs between speech and language skills in children. In L. Menn & N. Bernstein Ratner (Eds.) *Methods for the study of language production*. Mahwah, NJ: Erlbaum (291-

312).

15. Bernstein Ratner, Nan and Lise Menn (2000). In the beginning was the Wug: insights into language production from nonsense word paradigms. In L. Menn & N. Bernstein Ratner (Eds.) *Methods for the study of language production*. Mahwah, NJ: Erlbaum (1-26).
16. Bernstein Ratner, Nan (2001). The phonology of early stuttering: some reasons why there isn't one. In H. Bosshardt, J.S. Yaruss and H.F.M. Peters (eds). *Fluency disorders: theory, research, treatment and self-help*. Nijmegen: Nijmegen University Press (203-205).
17. Bernstein Ratner, N., S. Miles, M.K. Lotto & S. Silverman (2001). Parents and early stuttering. In H. Bosshardt, J.S. Yaruss and H.F.M. Peters (eds). *Fluency disorders: theory, research, treatment and self-help*. Nijmegen: Nijmegen University Press (549-551).
18. Bernstein Ratner, Nan & Becky Rooney (2001) How accessible is the lexicon in motherese? *Approaches to Bootstrapping: Phonological, lexical, syntactic and neurophysiological aspects of early language acquisition. Vol. I*. Amsterdam/Philadelphia: John Benjamins. (71-79).
19. Bernstein Ratner, Nan (2004). Fluency. In B. Goldstein (ed.). *Language Development: a focus on the Spanish-English speaker*. Baltimore, MD: Brookes. (287-310)
20. Bernstein Ratner, N. (2005). Treating children with concomitant problems. In R. Lees (ed.) *The treatment of stuttering in the young school aged child*. London: Whurr. (pp. 161-175).
21. Bernstein Ratner, N. & Guitar, Barry (2006). Treatment of very early stuttering and parent-administered therapy: the state of the art. In Bernstein Ratner & Tetnowski (Eds.) *Current issues in stuttering research and practice*. Mahwah, NJ: Erlbaum. (pp. 99-124).
22. Bernstein Ratner, N. & John Tetnowski (2006). Stuttering treatment in the new millennium: changes in the traditional parameters of clinical focus. In Bernstein Ratner & Tetnowski (Eds.) *Current issues in stuttering research and practice*. Mahwah, NJ: Erlbaum. (pp. 1-16).
23. Hall, Nancy, Wagovich, Stacy & Bernstein Ratner, Nan (in press). Language considerations in developmental stuttering. In E. Conture & R. Curlee (eds.) *Stuttering and related disorders of fluency (3<sup>rd</sup> edition)*. NY: Thieme.
24. Newman, Rochelle & Bernstein Ratner, Nan (in press). Factors that affect naming in adults and children who stutter. In J. Au-Yeung (ed.) *Proceedings of the Fifth World Congress on Fluency Disorders*.

25. Berl, M., Moore, E., Vaidya, C., Gioia, G., Bernstein Ratner, N. & W. Gaillard (2006). Auditory comprehension of language in young children. In D. Riva, I. Rapin & G. Zardini (eds.) *Language: normal and pathological development: Remembering Elizabeth Bates*. Montrouge, FR: John Libbey Eurotext (pp 51-60).

#### **Articles in refereed journals**

1. Bernstein, Nan (1981). Are there constraints on childhood dysfluency? *Journal of Fluency Disorders*, 6, 341-350.
2. Bernstein Ratner, Nan (1983). How we talk to children: its theoretical and clinical implications. *Journal of the National Student Speech, Language and Hearing Association*, 11 (1), 57-74.
3. Bernstein Ratner, Nan and Ronnie B. Wilbur (1984). Another look at memory strategies in the deaf. *Journal of Visual Verbal Languages*, 4 (2), 55-63.
4. Bernstein Ratner, Nan (1984). Patterns of vowel modification in mother-child speech. *Journal of Child Language*, 11 (3), 557-578. (a)
5. Bernstein Ratner, Nan (1984). Phonological rule usage in mother-child speech. *Journal of Phonetics*, 12 (3), 245-254. (b)
6. Bernstein Ratner, Nan & Arlene Luberoff (1984). Cues to post-vocalic voicing in mother-child speech. *Journal of Phonetics*, 12 (3), 285-289.
7. Bernstein Ratner, Nan & Clifton Pye (1984). Higher pitch in babytalk is **not** universal: acoustic evidence from Quiche Mayan. *Journal of Child Language*, 11 (3), 515-522.
8. Bernstein Ratner, Nan (1985). Dissociations between vowel durations and formant frequency characteristics. *Journal of Speech and Hearing Research*, 28 (3), 255-264.
9. Bernstein Ratner, Nan & Mercedes Benitez (1985). Linguistic analysis of a bilingual stutterer. *Journal of Fluency Disorders*, 10 (4), 211-219.
10. Bernstein Ratner, Nan (1986). Durational cues which mark clause boundaries in mother-child speech. *Journal of Phonetics*, 14 (2), 303-309.
11. Bernstein Ratner, Nan & Catherine C. Sih (1987). The effects of gradual increases in sentence length and complexity on children's dysfluency. *Journal of Speech and Hearing Disorders*, 52 (3), 278-287.
12. Stephenson-Opsal, Deborah & Nan Bernstein Ratner (1988). Maternal speech rate modification and childhood stuttering. *Journal of Fluency Disorders*, 13 (1), 49-56.

13. Bernstein Ratner, Nan (1988). Patterns of parental vocabulary selection in speech to young children. *Journal of Child Language*, 15 (3),481-492.
14. Bernstein Ratner, Nan (1988). On terminology in stuttering research: reply to Quesal. *Journal of Speech and Hearing Disorders*, 53 (3), 350-51.
15. Brundage, Shelley & Nan Bernstein Ratner (1989). The measurement of stuttering frequency in children's speech. *Journal of Fluency Disorders*, 14 (3), 351-358.
16. Bernstein Ratner, Nan (1992). Measurable outcomes of instructions to change maternal speech style to children. *Journal of Speech and Hearing Research*, 35, 14-20.
17. Bernstein Ratner, Nan (1993). Maternal input and unusual phonological behavior in a child: a case study and its implications. *Journal of Child Language*, 20 (1), 191-198.
18. Bernstein Ratner, Nan (1993). Parents, children and fluency. *Seminars in Speech and Language*, 14 (3), 238-250.
19. Hemmer, Virginia Hoey & Nan Bernstein Ratner (1994). Phonological and linguistic performance of twins discordant for otitis media. *Journal of Communication Disorders*, 27 (2), 91-106.
20. Bernstein Ratner, Nan, Betsy Parker & Paige Gardner (1993). Joint bookreading as a language scaffolding activity for communicatively impaired children. *Seminars in Speech and Language*, 14 (4), 294-313.
21. Bernstein Ratner, Nan (1995). Treating the stuttering child with concomitant grammatical or phonological disorder. *Language, Speech and Hearing Services in Schools*, 26 (2), 180-186.
22. Bernstein Ratner, Nan (1995). Language complexity and stuttering in children. *Topics in Language Disorders*, 15 (3), 32-47.
23. Rescorla, Leslie & Nan Bernstein Ratner (1996). Phonetic profiles of typically developing and language-delayed toddlers. *Journal of Speech and Hearing Research*, 39, 153-165.
24. Bernstein Ratner, Nan, Becky Rooney & Brian MacWhinney (1996). Analysis of stuttering using CHILDES and CLAN. *Clinical Linguistics and Phonetics*, 10 (3), 169-187.
25. Silverman, Stacy & Nan Bernstein Ratner (1997). Stuttering and syntactic complexity in adolescence. *Journal of Speech and Hearing Research*, 40 (1), 95-106.

26. Bernstein Ratner, Nan (1997). Leaving Las Vegas: clinical odds and individual outcomes. *American Journal of Speech-Language Pathology*, 6 (2), 29-33.
27. Bernstein Ratner, Nan (1997). Response to Curlee & Yairi. *American Journal of Speech-Language Pathology*, 6 (4), 86-88.
28. Pharr, Aimee Baird, Nan Bernstein Ratner & Leslie Rescorla (2000). Syllable structure development of toddlers with Specific Expressive Language Impairment (SLI-E). *Applied Psycholinguistics*, 21, 429-449.
29. Bonelli, Phyllis, Maria Dixon, Nan Bernstein Ratner & Mark Onslow (2000). Pre- and post-treatment characteristics of adult-child interactions of Lidcombe stuttering program participants. *Clinical Linguistics and Phonetics*, 14 (6), 427-446.
30. Bernstein Ratner, Nan & Stacy Silverman (2000). Parental perceptions of children's communicative development at stuttering onset. *Journal of Speech Language and Hearing Research*, 43, 1252-1263.
31. Bernstein Ratner, Nan (2000). Performance or capacity, the DCM model still requires definitions and boundaries it doesn't have. *Journal of Fluency Disorders*, 25, 337-346.
32. Miles, Stephanie & Bernstein Ratner, Nan (2001). Language input to children at stuttering onset. *Journal of Speech, Language and Hearing Research*, 44, 1116-1130.
33. Onslow, M., Ratner, N., & Packman, A. (2001). Changes in linguistic variables during operant, laboratory control of stuttering in children. *Clinical Linguistics and Phonetics*, Vol 15 (8), 651-662.
34. Boscolo, Brian, Nan Bernstein Ratner & Leslie Rescorla (2002). Fluency characteristics of children with a history of Specific Expressive Language Impairment (SLI-E). *American Journal of Speech-Language Pathology*, 11, 41-49.
35. Silverman, S. and Ratner, N. (2002). Measuring lexical diversity in children who stutter: application of vocd. *Journal of Fluency Disorders*, 27 (4), 1-16.
36. Bernstein Ratner, Nan (2004). Caregiver-child interactions and their impact on children's fluency: implications for treatment. *Language, Speech and Hearing Services in Schools*, 35, 45-56.
37. Berman Hakim, Haya and Ratner, N. (2004). Nonword repetition abilities of children who stutter. *Journal of Fluency Disorders*, 29, 179-199.



38. Rescorla, L., Bernstein Ratner, N. & Jusczyk, P. (2005) Relationships between the Language Development Survey (LDS) and the MacArthur Communicative Development Inventory: Words and Sentences (CDI: WS). *American Journal of Speech-Language Pathology*, 14, 156-163.
39. Bernstein Ratner, Nan (2005). Evidence-based practice in stuttering: some questions to consider. *Journal of Fluency Disorders*, 30, 163-188.
40. Bernstein Ratner, Nan (2005). Is phonetic complexity a useful construct in stuttering? *Journal of Fluency Disorders*, 30, 337-341
41. Bernstein Ratner, Nan (2005). Evidence and logic: response to Ingham. *Language, Speech and Hearing Services in Schools*, 36, 157-159.
42. Bernstein Ratner, N., Newman, R., Jusczyk, P., Jusczyk, A-M. & Dow, K. (2006). "Infants' early ability to segment the conversational speech signal predicts later language development." *Developmental Psychology*, 42, 643-655
43. Nail-Chiwetalu, B. & Bernstein Ratner, Nan (2006). Information literacy for speech-language pathologists: a key to evidence-based practice. *Language, Speech and Hearing Services in Schools*, 37, 157-167.
44. Bernstein Ratner, Nan (2006). Response to Attanasio. *Journal of Fluency Disorders*, 31, 155.
45. Bernstein Ratner, N. (2006). Setting the stage: some thoughts about evidence-based practice. *Language, Speech and Hearing Services in Schools*, 37, 1-11.
46. Newman, Rochelle & Nan Bernstein Ratner (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.
47. Wagovich, Stacy & Nan Bernstein Ratner (2007). Frequency of verb use in young children who stutter. *Journal of Fluency Disorders*, 32,
48. Nail-Chiwetalu, B. & Nan Bernstein Ratner. (in press). Assessment of the Information-Seeking Abilities and Needs of Practicing Speech-Language Pathologists. *Journal of the Medical Library Association*.
49. McAuliffe, Megan & Nan Bernstein Ratner (in press). Structured abstract: In-the-canal auditory feedback device results in reduced stuttering 12-months post-fitting in a group of nine participants. *Evidence-based Communication Assessment and Intervention*.

50. William D Gaillard, Madison M Berl, Erin N Moore, Eva K Ritzl, Lisa R Rosenberger, Steven L Weinstein, Joan A Conry, Philip L Pearl, Frank F Ritter, Susumu Sato, L Gilbert Vezina, Chandan J Vaidya, Edith Wiggs, Carol Fratalli, Gail Risse, Nan Ratner, Gerard Gioia, and William H Theodore (in review). Atypical Language in Lesional and Non-lesional Complex Partial Epilepsy. *Brain*.

#### **Honors**

1. 1991 **Honors of the Maryland State Speech, Language and Hearing Association.**
2. 2005 **Temple University, College of Health Professions Distinguished Alumni Award**
3. 2006 **International Fluency Association, Distinguished Researcher Award**