

## CURRICULUM VITAE

### Richard G. Schwartz, Ph.D.

Ph.D. Program in Speech and Hearing Sciences  
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#### EDUCATION

1968 - 1970 McGill University  
Psychology  
1974 M.S. University of South Florida  
Speech Pathology  
1978 Ph.D. University of Memphis (formerly Memphis State University)  
Speech Pathology/Developmental Psychology

#### ACADEMIC APPOINTMENTS

1978-1981 Assistant Professor, Speech-Language Pathology, Department of  
Speech and Theatre Arts, University of Pittsburgh  
1979-1981 Member of the Graduate School Faculty, University of Pittsburgh  
1981-1984 Assistant Professor, Speech-Language Pathology, Purdue University  
1985-1987 Director, Purdue University Speech-Language Clinic  
1984-1990 Associate Professor/ Professor Speech-Language Pathology, Purdue  
University  
1991-1993 Adjunct Professor, Speech Sciences, Purdue University  
1991-2003 Professor, Speech and Hearing Sciences, The Graduate Center of the City  
University of New York  
1991-1992 Visiting Professor of Communication Disorders, Tel Aviv University  
1993-present Professor of Otolaryngology (Visiting), Albert Einstein College of  
Medicine.  
1993-2002 Director, Speech-Language Laboratory, Rose F. Kennedy Center, Albert  
Einstein College of Medicine  
1998-1999 Visiting Professor of Psychology, University of California-SanDiego  
1999-2000 Acting Executive Officer (Chair), Ph.D. Program in Speech and Hearing  
Sciences, Graduate Center of the City University of New York.  
1999-2000 Acting Director, Research Center for Speech and Hearing Sciences,  
Graduate Center of the City University of New York.  
2001-2003 Visiting Assistant Professor of Psychiatry, Weill Medical College of  
Cornell University  
2003-present Member, Centre for Communication Disorders Faculty of Education  
University of Hong Kong  
2003-present Presidential Professor, Speech and Hearing Sciences, The Graduate Center  
of the City University of New York  
2006 Visiting Professor, University of Alabama  
2007-present Director of Research, New York Eye and Ear/Beth Israel Cochlear Implant  
Center

## **HONORS**

- 1975 Linguistic Society of America, Summer Linguistics Institute Fellowship.
- 1976 Fellow, Interdisciplinary Institute on the Origins and Growth of Communication, Society for Research in Child Development/the Carnegie Foundation.
- 1991 Fellow, American Speech, Language, Hearing Association
- 1993 Editor's Award, *Language Speech and Hearing Services in the Schools*
- 1995 Honors, New York Speech-Language-Hearing Association
- 1998 Marden Fellow, University of Hong Kong

## **PROFESSIONAL AFFILIATIONS**

- Member, American Speech-Language-Hearing Association, 1973-present
- Member, International Association for the Study of Child Language, 1977-present
- Member, Society for Research in Child Development, 1978-present
- Member, International Neural Network Society, 1989-1991
- Member, New York City Speech-Language-Hearing Association, 1991-present
- Member, New York State Speech-Language-Hearing Association, 1992-present
- Member, Society for Cognitive Neuroscience 1997-present

## **DISSERTATION DIRECTION**

- 1982 Terrell, B. Symbolic play in normal and language impaired children.
- 1982 Prelock, P. Reciprocal influences of phonological and syntactic complexity.
- 1984 Messick, C. Phonetic and contextual factors in the transition from babbling to words.
- 1986 Pollock, K. Phonological perception of early words by young children, using a visual search paradigm.
- 1996 Petinou, K. Morphological and phonological perception in children with and without histories of OM.
- 1998 Davidson, C. The influence of imageability on lexical decision of children with specific language impairment.
- 1998 Marton, K. Phonological working memory in children with specific language impairment.
- 2002 Jacobson, P. Regular and irregular past tense in early sequential bilingual children with specific language impairment.
- 2002 Scheffler F. The influence of lexical knowledge on speech perception in specific language impairment.
- 2004 Gerenser, J. The organization of the mental lexicon in children with autism.
- 2005 Seiger, L. Lexical access in specific language impairment.
- 2006 Munger, C. Divided attention in children with and without specific language impairment.
- 2007 Kenan, N. Lexical characteristics of verbs in school-age children with specific language impairment.
- 2008 MacRoy-Higgins, M. Phonotactic probability effects on word learning in late talkers.
- 2009 Tropper, B. An electrophysiological & behavioral examination of cognitive control in children with specific language impairment.
- 2010 Wechsler-Kashi, D. Lexical processing during naming in children with cochlear implants.

## **In Progress**

- 2010 Velez, M. Discourse processing and ellipsis in SLI
- 2010 Almodovar, D. Phontactic Probability and lexical access in children with SLI
- 2010 Sasaki, M. Wh-subject and object questions in Japanese-speaking children with SLI

- 2010 Kuntz, B. A stroop-study of selective attention in children with SLI  
2010 Russo Victorino, K. Auditory selective attention and language processing in children with and without SLI  
2010 Battaglia, Dana Lexical access in children with autism

### **M.S. THESIS DIRECTION**

- 1985 Goffman, L. Some pragmatic considerations in phonetic and syllabic production: Influences of informativeness and stress, Purdue.  
1986 Kotler, A. Word combinations: Which is the object? Which is the action?, Purdue.

### **ARTICLES IN REFEREED JOURNALS (\* indicates Dr. Schwartz's students or trainees)**

Leonard, L.B., & Schwartz, R.G. (1977). Focus characteristics of single-word utterances after syntax. *Journal of Child Language*, *5*, 151-158.

Leonard L.B., Schwartz, R.G., Folger, M.K., & Wilcox, M.J. (1978). Some aspects of child phonology in imitative and spontaneous speech. *Journal of Child Language*, *5*, 403-416.

Schwartz, R.G., & Folger, M.K. (1978). Sensorimotor development and descriptions of child phonology: A preliminary view of phonological analysis for Stage I Speech. *Papers and Reports in Child Language*, *13*, 8-15.

Leonard, L.B., Schwartz, R.G., Folger, M.K., Newhoff, M., & Wilcox, M.J. (1979). Children's imitations of lexical items. *Child Development*, *50*, 19-27.

Schwartz, R.G. (1980). Presuppositions and children's metalinguistic judgments: Concepts of life and awareness of animacy restrictions. *Child Development*, *51*, 364-371.

Schwartz, R.G., & Leonard, L.B. (1980). Words, objects and actions in early lexical acquisition. *Papers and Reports in Child Language Development*, *9*, 29-36.

Schwartz, R.G., Leonard, L.B., Folger, M.K., & Wilcox, M.J. (1980). Early phonological behavior in normal and language disordered children: Evidence for a synergistic view of language disorders. *Journal of Speech and Hearing Disorders*, *45*, 357-378.

Schwartz, R.G., Leonard, L.B., Wilcox, M.J., & Folger, M.K. (1980). Again and Again: Reduplication in child phonology. *Journal of Child Language*, *7*, 75-88.

Leonard, L.B., Schwartz, R.G., Morris, B., & Chapman, K. (1981). Factors influencing early lexical acquisition: lexical orientation and phonological composition, *Child Development*, *52*, 882-887.

Leonard, L.B., Schwartz, R.G., Chapman, K., Rowan, L., Prelock, P., Terrell, B., Weiss, A., & Messick, C. (1982). Early lexical acquisition in children with specific language impairment. *Journal of Speech and Hearing Research*, *25*, 554-564.

Schwartz, R.G., & Leonard, L.B. (1982). Do children pick and choose? Phonological selection and avoidance in early lexical acquisition. *Journal of Child Language*, *9*, 319-336.

Schwartz, R.G. (1983). The role of action in early lexical acquisition. *First Language*, *4*, 5-20.

Schwartz, R.G., & Leonard, L.B. (1983). Some further comments on reduplication in child phonology. *Journal of Child Language*, *10*, 441-448.

Schwartz, R.G., & Terrell, B.T.\* (1983). The role of input frequency in early lexical acquisition. *Journal of Child Language*, *9*, 57-64.

Schwartz, R.G., & Leonard, L.B. (1984). Words, objects and actions in early lexical acquisition. *Journal of Speech and Hearing Research*, *27*, 119-127.

Terrell, B.T.\* , Schwartz, R.G., Prelock, P.\* & Messick, C.\* (1984). Symbolic play in normal and language-impaired children. *Journal of Speech and Hearing Research*, *27*, 424-429.

Schwartz, R.G., Chapman, K.\*, Prelock, P.A.\*, Terrell, B.Y.\*, & Rowan, L.E.\* (1985). Facilitation of early syntax through discourse structure. *Journal of Child Language*, *12*, 199-207.

Schwartz, R.G., & Camarata, S.\* (1985). Examining relationships between input and language development: Some statistical issues. *Journal of Child Language*, *12*, 199-207.

Camarata, S.\*, & Schwartz, R. (1985). Production of object words and action words: Evidence for a relationship between phonology and semantics. *Journal of Speech and Hearing Research*, *28*, 323-330.

Leonard, L.B., Camarata, S.\*, Schwartz, R.\*, Chapman, K.\*, & Messick, C. (1985). Homonymy in the speech of children with specific language impairment. *Journal of Speech and Hearing Research*, *28*, 215-224.

Schwartz, R.G., Chapman, K.\*, Terrell, B.Y.\*, Prelock, P.A.\*, & Rowan, L.E.\* (1985). Facilitating word combination in language impaired children through discourse structure. *Journal of Speech and Hearing Disorders*, *50*, 31-39.

Schwartz, R., & Leonard, L.B. (1985). Lexical imitation and acquisition in language impaired children. *Journal of Speech and Hearing Disorders*, *50*, 141-149.

Schwartz, R.G., Leonard, L.B., Messick, C.\*, & Chapman, K.\* (1987). Acquisition of object names in children with specific language impairment: action context and word extension. *Applied Psycholinguistics*, *8*, 233-244.

Schwartz, R.G., Leonard, L.B., Frome Loeb, D.\*, & Swanson, L.\* (1987). Attempted sounds are sometimes not: an expanded view of phonological selection and avoidance. *Journal of Child Language*, *14*, 411-419.

Leonard, L.B., Schwartz, R.G., Swanson, L.\*, & Frome Loeb, D.\* (1987). Some conditions that promote unusual phonological behavior in children. *Journal of Clinical Linguistics and Phonetics*, *1*, 23-34.

Pollock, K. E.\*, & Schwartz, R. G. (1987). Phonological perception of early words. *Papers and Reports on Child Language Development*, *26*, 88-96.

Pollock, K.E.\*, & Schwartz, R.G. (1988). Structural aspects of phonological development: case study of a disordered child. *Language, Speech, and Hearing Services in the Schools*, *19*, 5-16.

Schwartz, R.G. (1988). Early action word acquisition in normal and language-impaired children. *Applied Psycholinguistics*, *9*, 111-122.

Terrell, B.Y.\*, & Schwartz, R.G. (1988). Object transformations in the play of language impaired children. *Journal of Speech and Hearing Disorders*, *53*, 449-456.

Leonard, L.B., Schwartz, R.G., Allen, G.D., Swanson, L.A.\*, & Loeb, D.F.\* (1989). Unusual phonological behavior and the avoidance of homonymy in children. *Journal of Speech and Hearing Research*, *32*, 583-590.

Tenorio, M.F., Schwartz, R.G., & Tom, M.D.\* (1990). Unrestricted text-to-speech conversion with a distributed adaptive network. *Pattern Recognition Letters*.

Loeb, D.\*, & Schwartz, R.G. (1990). Language characteristics of a linguistically precocious child. *First Language*, *10*, 1-18.

Tenorio, M.F., Schwartz, R.G., & Tom, M.D.\* (1990). Adaptive networks as a model for human speech development. *Computers in Human Behavior*, *6*, 291-313.

McGregor, K.\*, & Schwartz, R. G. (1992). Converging evidence for underlying phonological representation in a misarticulating child. *Journal of Speech and Hearing Research*, *35*, 596-603.

Schwartz, R.G. (1993). Clinical applications of advances in phonological theory. *Language Speech and Hearing Services in the Schools*, *23*, 269-276.

Davidson, C.\*, & Schwartz, R.G. (1995). Semantic boundaries in the lexicon. *Linguistics and Education*, *7*, 47-94.

Valafar, F., Homayoun, V. Ersoy, O., Schwartz, R.G. (1995). Comparative studies of two neural network architectures for modeling of human speech production. *IEEE International Conference on Neural Networks - Conference Proceedings*, 4, 1995, 2056-2061.

Schwartz, R. G. (1995). The effect of familiarity on word duration in children's speech. *Journal of Speech and Hearing Research*, 38, 76-84.

Schwartz, R.G., & Goffman, L.\* (1995). Metrical patterns of words and production accuracy. *Journal of Speech and Hearing Research*, 38, 876-888.

Gates, G., Schwartz, R.G., et al. (1997). NIH Consensus conference: Cochlear implants in children and adults. *Journal of the American Medical Association*, 274, 1955-1961.

Wallace, I., Gravel, J., Schwartz, R.G., & Ruben, R. (1996). Otitis media, parental linguistic style, and language skills of 2-year olds. *Developmental and Behavioral Pediatrics*, 17, 27-35.

Goffman, L.E.\* & Schwartz, R.G. (1996). Information level and young children's phonological accuracy. *Journal of Child Language*, 23, 337-348.

Schwartz, R. G., Petinou, K.\*, Goffman, L.\*, Lazowski, J.\* & Cartusciello, C.\* (1996). Young children's production of syllable stress: An acoustic analysis. *Journal of the Acoustical Society of America*, 99, 3192-3200.

Mody, M.\*, Schwartz, R.G., Gravel, J.S., & Ruben, R.J. (1999). Speech perception in children with and without histories of otitis media. *Journal of Speech, Language, and Hearing Research*, 42, 1069-1079.

Petinou, K.\*, Schwartz, R.G., Mody, M.\*, & Gravel, J. (1999). The impact of otitis media with effusion on early phonetic inventories: A longitudinal prospective investigation. *Clinical Linguistics and Phonetics*, 13, 351-367.

Ruben, R.J., & Schwartz, R.G. (1999). Necessity versus sufficiency: Auditory input in language acquisition. *International Journal of Otolaryngology*, 47, 137-140.

Petinou, K.\*, Schwartz, R.G., Gravel, J., & Raphael, L. (2000). A preliminary account of morphophonological perception in young children with and without otitis media. *International Journal of Communication Disorders*, 36, 21-42.

Shafer, V.\*, Schwartz, R.G., Morr, M., Kessler, K., & Kurtzberg, D. (2000). Deviant neurophysiological asymmetry in children with language impairment. *NeuroReport*, 11, 3715-3718.

Shafer, V.\*, Schwartz, R.G., Morr, M., Kessler, K., Kurtzberg, D., & Ruben, R. (2000). Neurophysiological indices of language impairment in children. *Acta Otolaryngology*, 121, 297-300.

Jacobson, P.\*, & Schwartz, R.G. (2002). Production of inflectional morphology in incipient Spanish-English bilingual children with SLI. *Applied Psycholinguistics*, 23, 23-41.

Levey, S., \* & Schwartz, R.G. (2002). Young children's syllable omissions. *Quarterly Journal of Communication Disorders*, 23, 168-176.

Marton, K.\*, & Schwartz, R.G. (2003). Working Memory Capacity and Language Processes in Children with Specific Language Impairment *Journal of Speech, Language, and Hearing Research*, 46, 1138 - 1153.

Shafer, V.L., Schwartz, R.G., & Kurtzberg, D. (2004). Language-specific memory traces of consonants in the brain. *Cognitive Brain Research*, 18, 242-254.

Wong, P., Schwartz, R.G., Jenkins, J. (2005). Perception and production of lexical tones by 3-Year-Old Mandarin-speaking children. *Journal of Speech, Language, and Hearing Research*, 48, 1065 - 1079.

Jacobson, P.\*, & Schwartz, R.G. (2005) Regular and irregular past tense in bilingual children with specific language impairment. *American Journal of Speech-Language Pathology*, 14, 313-323.

Marton, K.\*, Schwartz, R. G. and Braun, A. (2005). The effect of age and language structure on working memory performance. *Proceedings from the 27th Annual Conference of the Cognitive Science Society* Austin, Tx: The Cognitive Science Society, Inc., 1413-1418.

Shafer, V.L., Kessler, K.L., Morr, M.L., Schwartz, R.G., & Kurtzberg, D. (2005). Spatiotemporal brain activity to “the” in discourse. *Brain and Language*, **93**, 277-297

Shafer, V.L., Morr, M.L., Datta, H., Kurtzberg, D., & Schwartz, R.G., (2005) Neurophysiological indices of speech processing deficits in children with specific language impairment. *Cognitive Neuroscience*, **17:7**, 1168-1180.

Marton, K., Schwartz, R.G., Farkas, L., Katsnelson, V. (2006). Verbal working memory and executive functions in Hungarian children with specific language impairment: A cross-linguistic analysis. *International Journal of Language and Communication Disorders*, **41** (6), 653-673.

Girbau, D., & Schwartz, R.G. (2007). Nonword Repetition in Spanish-speaking children with language impairment. *International Journal of Language and Communication Disorders*, **42**, 59 - 75.

Hestvik, A., Shafer, V., Maxfield, N., Schwartz, R.G. (2007). Brain responses to filled gaps. *Brain and Language*, **100**, 301-316.

Shafer, V.L., Ponton, C., Datta, H., Morr, M., & Schwartz, R.G. (2007). Neurophysiological indices of attention children with specific language impairment. *Clinical Neurophysiology*, **118**, 1230-1243.

Seiger, L. & Schwartz, R.G. (2008). Lexical access during word production in school-aged children with and without SLI. *International Journal of Language and Communication Disorders*, **43** , 1-23.

Girbau, D. & Schwartz, R.G. (2008). Phonological working memory in incipient bilingual Spanish-English children with specific language impairment. *Journal of Communication Disorders*, **41**, 124-145.

Datta, H., Shafer, V.L., Morr, M., Kurtzberg, D., Schwartz, R.G. (in press). Electrophysiological indices of discrimination of long duration, phonetically similar vowels in children with typical and atypical language development. *Journal of Speech, Language, and Hearing Research*.

Hestvik, A., Schwartz, R. G., & Tornyova, L. (in press). Antecedent reactivation in relative clauses in children with specific language impairment and typically developing children. *Journal of Psycholinguistic Research*.

Velez, M., & Schwartz, R.G. (in press). Spoken word recognition in school-age children with SLI: Semantic, phonological, and repetition priming. *Journal of Speech, Language, and Hearing Research*.

## IN PROGRESS

Scheffler, F.L.V.\*, & Schwartz, R.G. (2008 under review) Speech Perception and Lexical Effects in Specific Language Impairment. *Journal of Speech, Language, and Hearing Research*.

Jamulowicz, L.\*, Schwartz, R. & Raphael, L. Vowel duration cues to final voicing in the perception of young children.

Scheffler, F.\*, Schwartz, R., Gravel, J., Argyros, T.\*, & Daum, S.\*. Phonology at 24 months in children with early chronic OME and hearing loss.

Schwartz, R.G., Shafer, V., Scheffler, F. & Kessler, K. Phonological factors in lexical representation and processing by children with language impairment.

Schwartz, R.G., Seiger, L.\*, & Scheffler, F.\* Psychometric criteria for specific language impairment an epidemiology study.

Schwartz, R.G., Shafer, V., Kessler, K. The developmental neurophysiology of lexical access.

Schwartz, R.G., Shafer, V., Kessler, K. & Shafer, V. The electrophysiological time course of lexical access in children with specific language impairment.

Schwartz, R.G. Attention and memory in specific language impairment.

Schwartz, R., Scheffler, F., & Farkas, R. Identification criteria for the study of Specific Language Impairment: A sensitivity/specificity study.

Almodovar, D., Seiger, L., Kuntz, B. Velez, M., Schwartz, R. Precursors to atypical language development.

Hestvik, A., R.G. Schwartz, V.L. Shafer, Y. Neumann, and T. Rinker, ERPs to contextually ungrammatical verb inflection. To be submitted to Brain Research, CUNY Graduate Center: New York.

Schwartz, R.G., A. Hestvik, D. Swinney, L. Seiger, D. Almodovar, and S. Asay, The Processing of Pronouns & Reflexives in Children With SLI. To be submitted.

## BOOK

Schwartz, R.G. (2009). *The Handbook of Child Language Disorders*. New York, NY: Psychology Press.

## CONTRIBUTED CHAPTERS (\* indicates students or trainees of Dr. Schwartz's)

Leonard, L.B., Steckol, K.F., & Schwartz, R.G. (1978). Semantic relations and utterance length in child language. In F. Peng & W. von Raffler-Engel (Eds.) *Language acquisition and developmental kinesics* (pp. 93-106). Tokyo: Bunka Hyron.

Steckol, K., & Schwartz, R.G. (1981). Do actions speak louder than words? In R. St. Clair & W. von Raffler Engel (Eds.) *Developmental kinesics: The emergence of a paradigm* (pp. 29-37). Baltimore: University Park Press.

Schwartz, R.G. (1982). Development of pragmatics: Early word level. In J. Irwin (Ed.) *The role of pragmatics in language development* (pp. 29-48). Covina, CA: Fox Point.

Schwartz, R.G. (1982). Lexical styles in early language acquisition. R. St. Clair & W. von Raffler-Engel (Eds.) In *Language and cognitive styles* (pp. 197-222). Lisse, Holland: Swets and Zeitlinger.

Schwartz, R.G., & Prelock, P.\* (1982). Cognitive aspects of phonological disorders. In J. Panagos (Ed.) *Phonological Disorders - language and cognitive deficits, Seminars in speech, language, and hearing* (pp. 149-162). New York: Thieme.

Schwartz, R.G. (1983). Articulation disorders. In I. Meitus and B. Weinberg (Eds.) *Diagnosis in speech-language pathology* (pp. 113-150). Baltimore: University Park Press.

Schwartz, R.G., Messick, C.M., Pollock, K.E. (1983). Some non-phonological aspects of phonological assessment. In J. Locke (Ed.) *Assessment of phonological disorders, Seminars in speech, language, and hearing* (pp. 335-350). New York: Thieme-Stratton.

Leonard, L.B. & Schwartz, R.G. (1984). Early linguistic development in children with specific language impairment. In K.E. Nelson (Ed.) *Children's language Volume IV*, Hillsdale, NJ: Lawrence Erlbaum Associates.

Schwartz, R.G. (1984). Analysis of one- and two-word utterances. In R. Naremore (Ed.) *Language science - recent advances* (pp. 1-36). San Diego: College Hill Press.

Schwartz, R.G. (1984). The phonologic system: Normal acquisition. In J. Costello (Ed.) *Speech disorders in children - recent advances* (pp. 25-74). San Diego: College Hill Press.

Schwartz, R.G. (1988). Phonological factors in early lexical acquisition. In M. Smith & J. Locke (Eds.) *The Emergent Lexicon* (pp 185-222). New York: Academic Press.

Schwartz, R.G. (1990). Interactions among language components in the speech production of phonologically disordered children. In M. Yavas (Ed.) *Phonological Development and Phonological Disorders*. Sao Paulo: Merredo Alberto.

Schwartz, R.G. (1991). Lexical acquisition and processing in specific language impairment. In J. Miller (Ed.) *New Directions in Research on Child Language Disorders*. San Diego: College Hill Press.

Schwartz, R.G. (1992). Non-linear phonology as a framework for acquisition. In R. Chapman (Ed.) *Childtalk: Processes in Language Acquisition and Disorders*. Mosby-Yearbook.

Schwartz, R.G. (1993). Phonological Disorders. In G. Shames, E. Wiig, & W. Secord (Eds.) *Human Communicative Disorders*. Columbus, OH: Merrill.

Bjorklund, D., & Schwartz, R.G. (1995). The adaptive nature of developmental immaturity. In M. Smith & J. Damico (Eds.) *Childhood Language Disorders*. New York: Thieme.

Schwartz, R.G., Mody, M.\*, & Petinou, K.\* (1998). Phonological acquisition in children with OME: Speech perception and speech production. In J. Roberts & I. Wallace (Eds.) *Otitis Media, Language, and Learning in Young Children*. Baltimore, MD: Paul H. Brookes.

Schwartz, R.G. (1998). Phonological Disorders. In G. Shames, E. Wiig, & W. Secord (Eds.) *Human Communicative Disorders*. Columbus, OH: Merrill.

Schwartz, R.G. (2001). Phonological Disorders. In G. Shames and N. Anderson (Eds.) *Human communicative Disorders*. Boston, MA: Allyn and Bacon.

Ruben, R. J., & Schwartz, R.G. (2001). Necessity versus sufficiency: The role of input in language acquisition. In T. Sih, A. Chinski, R. Eavey (eds.). *Manual of Pediatric Otolaryngology*. Interamerican Association of Otorhinolaryngology: Sao Paolo, Brazil.

Shafer, V.L., Schwartz, R.G., & Kessler, K.L. (2003). ERP Indices of Phonological and Lexical Processing in Children and Adults. *Proceedings of the 27th Annual Boston University Conference on Language Development*, pp. 751-761. Somerville, MA: Cascadilla Press.

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Schwartz, R. G., Jacobson, P. F., & Sheffler, F. L. (2006). Evidence-based practice in communication disorders: language, speech, and voice disorders in children. In F. D., Burg, R. A. Polin, and A. A. Gershon (eds): *Current Pediatric Therapy*. Philadelphia: Saunders.

Schwartz, R.G. (2006). Would Today's IRB Approve the Tudor Study? Ethical Considerations in Conducting Research Involving Children with Communication Disorders. In R. Goldfarb (Ed.) *Ethics: A Case Study from Fluency*. San Diego: Plural Publishing.

Tropper, B. & Schwartz, R.G. (2009). The neurobiology of child language disorders. In R.G. Schwartz (Ed.) *The Handbook of Child Language Disorders*. New York, NY: Psychology Press.

Schwartz, R.G. (2009). Specific language impairment. In R.G. Schwartz (Ed.) *The Handbook of Child Language Disorders*. New York, NY: Psychology Press.

Tropper, B., Hestvik, A. Shafer, V.L., & Schwartz, R.G. (2009). Questions in children with specific language impairment: an erp study. In *BUCLD 32: Proceedings of the 32nd Annual Boston University Conference on Language Development*. H. Chan, H. Jacob, & E. Kapia (Eds.), pp. 504-515 . Somerville, MA: Cascadilla Press

Schwartz, R.G., & Shafer, V.L. (2010). The neurobiology of specific language impairment. In M. Faust (Ed.) *Neuropsychology of Language: Advances in the neural substrates of language: Toward a synthesis of basic science and Clinical Research*. New York: Wiley Blackwell.



Schwartz, R.G. & Marton, K. (2010). Phonological Disorders. In N. Anderson and G. Shames and (Eds.) *Human Communicative Disorders 8th Edition*. Boston, MA: Allyn and Bacon.

### **INSTITUTIONAL GRANTS**

- Faculty Grant, University of Pittsburgh. Aspects of adult-child discourse in normal and language disordered children, 1980 (\$1,500).
- David Ross Grant, Purdue University. Phonological perception in young children, 1984-1985 (\$6,600), 1985-1986 (\$6,600)
- Summer XL Grant, Purdue University. Phonological determinants of early lexical acquisition and production, 1984 (\$3,500).
- David Ross Grant, Purdue University. Neural networks as models of language learning: Text-to-speech and grammatical morphemes, 1988-1990 (\$15,000).
- PSC-CUNY Research Award, Perception-production relationships in specific language impairment 1993-1994 (\$3,500).
- PSC-CUNY Research Award, Prosodic factors in lexical learning, 1995-1996 (\$4,100).
- PSC-CUNY Faculty Development Grant, Conducting ethical research with human subjects, 1997-1998 (\$4,000).
- PSC-CUNY Research Award, Lexical processing in specific language impairment, 1998-1999 (\$4,000).
- PSC-CUNY Research Award, Sentence processing in specific language impairment, 2000-2001 (\$3,300).
- PSC-CUNY Research Award, The acquisition of tone, 2001-2002 (\$3,300).
- PSC-CUNY Research Award, The phonological organization of the lexicon, 2002-2003 (4,000).
- PSC-CUNY Collaborative Grant ( with V. Shafer & K. Marton), The electrophysiology of working memory and language processing in specific language impairment, 2002-2003 (\$34,200).
- PSC-CUNY Research Award (62744-00 40) Eye Tracking Studies of Language Processing in Children with Specific Language Impairment: Lexical Access and Structural Assignment. 2009-2010 (\$6,000).

### **FEDERAL GRANTS (DIRECT COSTS)**

- Co-investigator (Laurence Leonard, P.I.), Grant NS16154, National Institutes of Health, Lexical factors in specific language impairment, 1980-1983, (\$186,651).
- Co-Principal Investigator (Laurence Leonard, P.I.), Resolutions of output constraints in early phonology, National Institutes of Health, 1985-1987 (\$123,000).
- Principal Investigator, National Institutes of Health, BRSG 511-0637. Phonological perception and word recognition in young children, 1988-1989 (\$1,800).
- Principal Investigator, Grant R01DC00583, National Institutes of Health. NIDCD, Input-output relationships in specific language impairments, 1989-1995 (\$450,000).
- Principal Investigator, Supplement for members of underrepresented minority groups (Cecelia Davidson--doctoral student), 1992-1994 (\$90,000).
- Principal Investigator, National Institute of Health, BRSG. Children's motor control over acoustic features of word production, 1989-1990 (\$1,250).
- Principal Investigator, National Institutes of Health, BRSG. The effect of attenuation on the perception of novel words: The impact of otitis media on early lexical acquisition, 1991-1992 (\$3,000).
- Principal Investigator, National Institutes of Health, NIDCD, Applying Linguistics and Cognitive Science to Language Disorders. Scientific Meeting, 1993-1994 (\$30,000).

- Principal Investigator, Linguistic factors in communicative disorders, Project 7, Clinical Center on Communicative Disorders (R. Ruben, Center P.I.), National Institutes of Health, NIDCD, 1994-1997 (\$262,000).
- Principal Investigator, Supplement to support a member of an underrepresented minority group (Cecelia Davidson-doctoral student), National Institutes of Health, NIDCD, 1994-1996 (\$70,000).
- Principal Investigator, Behavioral and physiological dynamics of children's lexical processing (Clinical Research Center for Communicative Disorders--R. Ruben, P.I.) NIDCD, 1997-2001(\$700,000).
- Principal Investigator, Research Training in Speech and Hearing Sciences (T-32), NIDCD (four predoctoral trainees and two postdoctoral trainees), 1999-2003 (\$800,000).
- Co-Investigator, The acquisition of lexical tone contrasts in Cantonese (V. Ciocca, P.I.) Research Council of Hong Kong, 2000-2003 (\$700,000 HKD).
- Principal Investigator, Supplement to support a member of an underrepresented minority group (Diana Almodovar-doctoral student), National Institutes of Health, NIDCD, 2000-2002 (\$70,000).
- Principal Investigator, Real-time examination of childhood language impairment, National Institutes of Health, NIDCD RO1DC003885, 2002-2008 (1,125,000).
- Principal Investigator, Functional imaging in childhood language impairment. Senior Fellowship (F33), NIDCD, 2001-2003 (\$45,000).
- Co-investigator (K. Marton, P.I.), Working memory capacity in children with SLI, NIDCD, 2002-2004, \$225,000.
- Principal Investigator, Supplement for members of underrepresented minority groups (Melinda Velez--doctoral student), NIDCD, 2003-2004 (\$70,000).
- Co-Investigator, The neurodevelopmental basis of speech discrimination (V. Shafer, P.I.), NICHD 5R01HD046193. 7/1/04-6/30/09 (\$1,125,000).
- Sponsor, Word Identification & Memory in Children with CIs (M. Cleary, P.I.), NIDCD F32 DC006786-01A1, 8/1/04-7/31/06 (\$150,000)
- Co-Investigator (A. Hestvik, P.I.), Structural representation and sentence processing in SLI. NIDCD, RO3, 9/1/03-/8/31/06 (\$230,00).
- Principal Investigator , ERP evidence of morphosyntactic processing in children with SLI. NIDCD, to be resubmitted, June 1, 2006 (\$1,250,000).
- Co-Investigator (K. Marton, P.I.) , Executive functions and working memory in SLI, NIDCD, submitted (\$1,125,000), not funded.
- Consultant, (P. Jacobson, P.I.) Morphology in typical and atypical bilingual development, NIDCD (1R03DC007018-01A) 7/1/05-6/30/08 (\$230,000).
- Consultant, (K. Marton, PI) The impact of inhibition control on working memory in children with SLI, NIDCD 1R15DC009040-01 08/01/2007-07/31/2010 (\$225,000).
- Sponsor, (B. Tropper, P.I.) Cognitive control in children with and without specific language impairment, NIDCD 1F31DC009356. 9/1/2007-8/31/2009 (\$65,000).
- Co-Investigator (D. Houston, P.I.) Cognitive and Linguistic Skills in infants pre and post cochlear implantation, submitted to NIDCD.
- Senior Scientist, (S. Levi, P.I.) Perception of talker cues and linguistic processing in SLI, NIDCD 1R03DC009851, submitted.
- Principal Investigator, Language processing in children with cochlear implants, NIDCD 1R01DC01104-01 7/1/10-6/30/15 (2,653,570).

#### **OTHER GRANTS**

- Principal Investigator, Preschool program for speech-language impaired children. United Way, 1986-1988 (\$10,000).

The processing of clitic pronouns by Spanish-speaking children with SLI, Government of Spain, 2003 (€11,000).

Language processing in Spanish-speaking children with SLI, Department of Education, Spain, 2004 (€11,000).

Co-investigator (D. Girbau, PI) fMRI and genetic studies of SLI in Spanish-speaking children, 2004 (€125,000).

**INVITED LECTURES, PRESENTATIONS, AND COURSES** (Keynote, Featured, or Sole Speaker)

Language Intervention. Citywide Headstart Meeting, Memphis, 1977.

Lexical acquisition in normal and language disordered children. Ninth Annual Mid-South Conference on Communicative Disorders, Memphis State University, Memphis, 1979.

Differential approaches to the remediation of speech sound disorders in children. St. Christopher's Hospital for Children, 1980.

Language sampling and analysis. Pittsburgh-Mt. Oliver School System, 1980.

A new view of articulation disorders. Pittsburgh Public Schools, 1980.

Phonological approaches to speech sound disorders in children, Three Rivers Conference on Communicative Disorders, University of Pittsburgh, 1980.

Speech sound disorders in children: differential diagnosis and remediation, Pennsylvania Speech and Hearing Association, Philadelphia, 1980.

Early word acquisition in normal and language disordered children. Third Annual Three Rivers Conference on Communicative Disorders, University of Pittsburgh, 1981.

Issues in phonological disorders. San Diego State University, San Diego, 1981.

New views of language acquisition: Some clinical applications, Miniconferences in communication disorders. Howard University, Washington 1981.

A phonological approach to children's speech sound disorders. The Purdue Interactive Television Series on the Communicatively Handicapped, 1981.

Phonological approaches to children's speech sound disorders. Eleventh annual Mid-South Conference on Communicative Disorders, Memphis State University, 1981.

Training language through discourse structures. Three Rivers Conference on Communicative Disorders, Clinical Forum: New Dimensions in Language Intervention, Pittsburgh 1981.

Development of pragmatics: Early word level. University of LaVerne, Covina, CA, 1982.

Differential diagnosis and therapeutic approaches for speech sound disorders in children. Communication disorders in children Lecture Series, University of Nebraska, Omaha 1982.

Phonetic and phonological disorders in children. Purdue University Interactive Telecourse, Fall 1982.

Recent advances in pragmatics: Assessment and remediation for young language-impaired children. Speech and Hearing Center, Children's Hospital National Medical Center, Washington, D.C., 1983.

Phonological development and disorders. An update on child language and phonology: Theory and practice. Massachusetts General Hospital Institute of Health Professions, Newport, RI, 1983.

Phonological disabilities. Clinical update: Speech-Language-Hearing Pathology, Kent State University, Kent, OH, 1983.

Phonetic and phonological disorders in children: Assessment and intervention. Kentucky Speech-Language-Hearing Association, Louisville, 1984.

Speech sound disorders in children. Kentucky Department of Special Education, Louisville, 1984.

- Language Assessment: Tools and techniques. Special Education Services, Louisiana State Department of Education, Baton Rouge and Shreveport, 1984.
- Phonological disorders in language contexts. Illinois Speech-Language-Hearing Association, Chicago, 1985.
- Nonphonological considerations in the assessment and treatment of phonological disorders, Indiana Speech and Hearing Association, South Bend, 1985.
- Research issues in phonological disorders, Symposium on Research in Child Language Disorders, University of Wisconsin, Madison, 1985.
- Assessing and treating phonological disorders in children: Linguistic and cognitive issues. Ohio Conference on Communicative Disorders, Akron, 1986.
- Assessing and treating communicative disorders in young children (four day workshop). U.S. Army Exceptional Family Member Program Continuing Medical Education Conference, Willengen, West Germany, 1986.
- Cognitive and linguistic aspects of phonological disorders in children. Midsouth Conference on Communicative Disorders. Memphis, 1986.
- Computer applications in communicative disorders: Speech and language assessment. Crossroads Conference on Communicative Disorders, West Lafayette, IN, 1986.
- Language intervention through discourse structures. Minnesota Speech-Language-Hearing Association, Minneapolis, 1987.
- Phonological aspects of children's speech perception. University of Iowa, 1987.
- Phonological patterns in young children's lexicons. Child Language Research Forum, Stanford University, 1987.
- NETtalk as a simulation of phonological development: Connectionist network applications. Child Phonology Meeting. University of Illinois, 1988.
- Phonological perception in young children. Boston V.A. Hospital, Aphasia Research Group, 1988.
- The nature and inference of underlying lexical representation in young normal and speech-language-impaired children. Indiana University, 1989.
- Current issues in phonological acquisition: The nature and inference of underlying representation (panel organizer and featured presenter with K.P. Mohanan, Charles Ferguson, Peter Jusczyk, and John Ohala). Stanford University, 1989.
- Phonological factors in lexical acquisition, Indiana University, Bloomington, 1989.
- Phonological representation and lexical acquisition in specific language impairment. University of Maryland, College Park, 1989.
- Examining input-output relationships in lexical acquisition of normal and language-impaired children. University of Pittsburgh, Pittsburgh, 1989.
- Methodological issues in studying phonological acquisition: Converging evidence for underlying representation. Stanford University, 1989.
- Lexical factors in phonological acquisition, City University of New York, 1990.
- Phonological representation in specific language impairment, Emerson College, 1990.
- Looking for children's phonological knowledge. Salk Institute and UCSD, San Diego, 1991.
- Clinical applications of recent advances in phonology theory. National Conference on Speech-Language Pathology, Tel Aviv, Israel, 1992.
- Discourse-based approaches to language intervention. National Conference on Speech-Language Pathology, Tel Aviv, Israel, 1992.
- Perception-production relationships in early lexical acquisition, Ph.D. Program in Experimental Psychology, Brooklyn College, 1992.
- Production and perception in early language acquisition, New York Child Language Group, 1992.

- Clinical applications of recent advances in phonology theory. New York State Speech-Language Hearing Association, 1992.
- Phonological aspects of lexical organization in normal and language impaired children. New York Academy of Science, 1993.
- Identifying speech and language disorders in preschool children. City of New York, Agency for Child Development, 1994.
- Phonological perception and production in early lexical acquisition. CUNY Psycholinguistics, 1994.
- Perception and production relationships in specific language impairment. Departments of Psychology and Linguistics, SUNY Buffalo, 1994.
- Language intervention and assessment in preschool children with histories of otitis media. Albert Einstein College of Medicine, 1994.
- Perception and production of stress. International Child Phonology Conference, Vancouver, 1995.
- Phonological and morphological acquisition: Implications for cochlear implantation. The First Asia Pacific Symposium on Cochlear Implant and Related Sciences, Kyoto, Japan, 1996.
- Speech perception and production in SLI. University of Hong Kong, 1996.
- Advances in the study of language acquisition. New York Academy of Medicine, 1996.
- The development of speech perception and speech production: Implications for cochlear implantation. Symposium on Cochlear Implant and Related Sciences, Department of Otolaryngology, Chang Gung Memorial Hospital, Taipei, Taiwan, 1996.
- The role of auditory input in language acquisition: The effect of otitis media on phonology and morphology. University of Hong Kong, Marden Fellow Lecture, 1998.
- Real-time examination of childhood language impairment. University of Hong Kong, Marden Fellow Lecture, Hong Kong, 1998.
- Phonological deficits in childhood language impairment: An auditory deprivation model. Child Phonology Meeting, Wales.
- Graduate education in communicative disorders, University of Bergen, 1999.
- Otitis media, hearing loss, and language acquisition, University of Bergen, 1999.
- Real-time examination of specific language impairment in children, University of Bergen, 1999.
- The neurobiology of specific language impairment, Speech Research Laboratory, Indiana University, Bloomington, 2001.
- The neurobiology of auditory processing in childhood language impairment, New York University, Applied Psychology, 2002.
- Recent advances in the assessment of children's language, Universitat Jaume I, Castellon, Spain, 2002.
- The neurophysiological timecourse of lexical processing in specific language impairment, Department of Otolaryngology, Albert Einstein College of Medicine, 2002.
- Language processing in specific language impairment: behavior and neurobiology, Southern California Conference on Speech, Language, and Hearing Sciences, San Diego State University, 2003.
- The neurobiology of children's language impairments, Mid-South Conference on Communicative Disorders, University of Memphis, TN, 2003.
- Role of the Chair and Institutional Relations, Respect for all involved: A conference on the protection of human subjects in research. Columbia University. Held at CUNY Graduate Center, 2003.
- Would today's IRB approve the Tudor Study? The Tudor Study: A conference on research ethics in communication disorders, CUNY, New York, NY 2003.

- The effect of OME on speech and language development. Southern California Conference on Speech, Language, and Hearing Sciences, San Diego State University, 2004.
- Electrophysiology studies of SLI, Center for Human Information Processing, UCSD, 2004.
- The neurophysiology of SLI, Plenary Lecture, Neurophysiology of Developmental Neurophysiology of Developmental Disorders in Children Alber-Ludwigs Universitat Frieburg, Freiburg, Germany, 2004.
- The neurobiology of childhood language impairment. Kentucky Speech, Language & Hearing Association, Lexington, KY 2005.
- Interaction among executive functions, working memory, and language comprehension (with K Marton), Cognitive Science Symposium, CUNY, 2005.
- The neurobiology of childhood language impairment: SLI. Department of Communication Disorders, New York University, New York, NY 2005.
- The neurobiological bases of SLI. Department of Psychology, Universitat Jaume I, Castellon, Spain, 2006.
- Language processing deficits in SLI. San Diego State University, 2006.
- Language processing in SLI. Temple University, 2006
- Language processing in child hood language impairments. Cognitive Science Symposium, Barnard College and Columbia University, 2006.
- Language processing in SLI, Colloquium Series, Ph.D Program in Speech and Hearing Sciences, 2007.
- ERP studies of speech and language processing in SLI. Keynote, European Union Child Language Disorders Meeting, Cork, Ireland 2007.
- Language development in children with CI . Issues in Pediatric Audiology, New York, 2008.
- ERP studies of speech and language processing in SLI, Keynote, Symposium on Research in Child Language Disorders, Madison, WI, 2008.
- Syntactic attachment in children with SLI: Eye-tracking studies. City University, London, 2009.
- Language development in cochlear implant recipients: past, present, and future. Congresso da Fundacao Otorrinolaringologia, Costa do Sauipe, Brazil, 2009.
- Event related potentials and child language disorders. Congresso da Fundacao Otorrinolaringologia, Costa do Sauipe, Brazil, 2009.
- Language processing in children with SLI. Department of Physiotherapy, Communication Science & Disorders, Occupational Therapy, Faculty of Medicine, University of São Paulo, 2009.
- Writing for publication in communication sciences and disorders. Department of Physiotherapy, Communication Science & Disorders, Occupational Therapy, Faculty of Medicine, University of São Paulo, 2009.
- Language intervention outcome measures for children. San Diego State University, San Diego, CA.
- ERP studies of speech and language processing in SLI. Cognitive Science Colloquia Series, University of Connecticut, 2010.
- Child Language Disorders (course) LOT Linguistics Summer School, Nijmegen, Netherlands, 2010.

#### **CONTRIBUTED (REFEREED) PAPERS (1975-2010)**

Ritterman, S.I., Schwartz, R.G., Zenner, A.A., & Bloch, S. (1975). The employment of marking conventions as perceptual dimensions in phonemic categorization. Paper presented to the Thirteenth Southeast Conference in Linguistics, Nashville.

Leonard, L.B., & Schwartz, R.G. (1976). Toward a competence explanation of single-word utterances after syntax. Paper presented to the American Speech and Hearing Association, Houston.

Leonard, L.B., Steckol, K., & Schwartz, R.G. (1976). Some features obscured by utterance length. Paper presented to the Boston University Conference on Language Development, Boston.

Schwartz, R.G. & Ritterman, S.I. (1976). The relative contribution of marked and unmarked phonetic features in the assignment of phonetic similarity and dissimilarity. Paper presented to the American Speech and Hearing Association, Houston.

Leonard, L.B., Schwartz, R.G., and Wilcox, M.J. (1977). Imitation and children's lexical styles. Paper presented to the American Speech and Hearing Association, Chicago.

Schwartz, R.G. (1977). Aspects of phonological development in normal and language disordered children at Stage I. Paper presented to the Tennessee Conference on Linguistics, Memphis.

Schwartz, R.G. (1977). Presuppositions and children's judgments of relative well-formedness. Paper presented to the Boston University Conference on Language Development, Boston.

Schwartz, R.G., & \*Folger, M.K. (1977). Sensorimotor development and description of child phonology: A preliminary view of phonological analysis for Stage I speech. Paper presented to the Child Language Research Forum, Stanford.

Schwartz, R.G., & Folger, M.K. (1977). Phonological behavior in normal and language disordered children. Paper presented to the American Speech and Hearing Association, Chicago.

Leonard, L.B., Schwartz, R.G., Folger, M.K., & Wilcox, M.J. (1978). Some aspects of child phonology in imitative and spontaneous speech. Paper presented to the Child Language Research Forum, Stanford.

Schwartz, R.G., & Folger, M.K. (1978). Reduplication in child phonology. Paper presented to the American Speech and Hearing Association, San Francisco.

Schwartz, R.G., Wilcox, M.J., & \*Folger, M.K. (1978). Strategies for dealing with communicative failures during early language development. Paper presented to the American Speech and Hearing Association, San Francisco.

Schwartz, R.G., & Leonard, L.B. (1979). Objects and actions in early lexical acquisition. Paper presented to the American Speech-Language-Hearing Association, Atlanta.

Schwartz, R.G., & Leonard, L.B. (1979). Do children pick and choose? An examination of phonological selection and avoidance in early lexical acquisition. Paper presented to the Boston University Conference on Language Development, Boston.

Schwartz, R.G. (1980). The role of action in early lexical acquisition. Presented to the American Speech-Language-Hearing Association, Detroit.

Schwartz, R.G., & Leonard, L.B. (1980). Words, objects and actions in early lexical acquisition. Paper presented to the Child Language Research Forum, Stanford.

\*Helfrich-Miller, K., \*Szekeres, S., Schwartz, R., & Ylvisaker, M. (1981). Discourse analysis: Diagnostic and Therapeutic Implications. Miniseminar presented to the American Speech-Language-Hearing Association, Los Angeles.

Leonard, L.B., & Schwartz, R.G. (1981). Factors in early lexical acquisition. Paper presented to the Society for Research in Child Development, Boston.

\*Prelock, P.A., \*Messick, C.A., Schwartz, R.G., & \*Terrell, B.Y. (1981). Mother-child discourse during the one-word stage. Paper presented at the University of Wisconsin Symposium on Research Child Language Disorders, Madison.

Schwartz, R.G. & \*Terrell, B.Y. (1981). The role of input frequency in early lexical acquisition. Paper presented to the American Speech-Language-Hearing Association, Los Angeles.

\*Terrell, B.Y., Schwartz, R.G., \*Prelock, P.A., & \*Messick, C.K. (1981). Symbolic play in normal and language disordered children. Paper presented to the University of Wisconsin Symposium on Child Language Disorders, Madison.

\*Camarata, S., & Schwartz, R.G. (1982). Phonological production of action words and object words. American Speech-Language-Hearing Association, Toronto.

\*Messick, C., & Schwartz, R.G. (1982). The influence of prior imitation and prior comprehension on phonetic accuracy. American Speech-Language-Hearing Association, Toronto.

\*Weiss, A., & Schwartz, R.G. (1982). Early patterns of nominal/pronominal use in language-impaired children. American Speech-Language-Hearing Association, Toronto.

\*Pollock, K.E., & Schwartz, R.G. (1983). Syllabic aspects of phonological acquisition in a disordered child. American Speech-Language-Hearing Association, Cincinnati.

Schwartz, R.G., & Leonard, L.B. (1983). Lexical imitation in language-impaired children. American Speech-Language-Hearing Association, Cincinnati.

Schwartz, R.G., Edwards, M.L., Elbert, M., Ferguson, C., Shriberg, L., & Vihman, M. (1984). Phonological disorders: Assessment and intervention issues. American Speech-Language-Hearing Association, San Francisco.

\*Pollock, K., & Schwartz, R.G. (1985). Remediation of a phonological disorder: A training study. American Speech-Language-Hearing Association, Washington, D.C.

\*Messick, C., & Schwartz, R.G. (1985). Phonetic aspects of the transition between babbling and speech. American Speech-Language-Hearing Association, Washington.

\*Terrell, B.Y., & Schwartz, R.G. (1986). Symbolic play and the language that goes with it. American Speech-Language-Hearing Association, Detroit.

\*Pollock, K., & Schwartz, R.G. (1986). Validation of a procedure for examining early phonological perception. American Speech-Language-Hearing Association, Detroit.

\*Goffman, L., & Schwartz, R.G. (1986). Influences of syllabic stress and serial position on phonetic accuracy. American Speech-Language-Hearing Association, Detroit.

Schwartz, R.G. (1986). The influence of interaction on language development. Part of a miniseminar presented to the American Speech-Language-Hearing Association, Detroit.

Schwartz, R.G. (1986). Developing paradigms to examine phonological perception in young children. Portion of a special session (Research Issues: Theories and Measurements of Normal Language Development) presented to the American Speech-Language-Hearing Association, Detroit.

Schwartz, R.G. (1987). The implications of normal development for phonological acquisition in the presence of cleft palate. American Speech-Language-Hearing Association, New Orleans.

Schwartz, R.G. (1987). The role of auditory perception deficits in specific language impairments. American Speech-Language-Hearing Association, New Orleans.

\*Frome Loeb, D. & Schwartz, R.G. (1987). Language of a linguistically precocious child. American Speech-Language-Hearing Association, New Orleans.

\*Frome Loeb, D., Allen, G., Leonard, L. & Schwartz, R. (1987). Acoustic evaluation of normal children's homonymous forms. American Speech-Language-Hearing Association, New Orleans.

Allen, G., \*Frome Loeb, D., \*Swanson, L., Leonard, L., & Schwartz, R.G. (1987). Acoustic phonetic features of young children's potential homophones. Acoustical Society of America, Miami.

\*\*Tom, M.D., Schwartz, R.G., & Tenorio, M.F. (1988). NETtalk as a simulation of human speech development. International Neural Network Society Meeting, Boston.



Swanson, L., Leonard, L., Allen, G., & Schwartz, R.G. (1988). Homonymy in the speech of children with specific language impairment. American Speech-Language-Hearing Association, Boston.

Schwartz, R.G., \*Tom, M.D., & Tenorio, M.F. (1988). Evaluating a connectionist network as a simulation of human speech development. Paper presented to the American Speech-Language-Hearing Association, Boston.

Tenorio, M.F., \*Tom, M.D., & Schwartz, R.G. (1988). Adaptive networks as models of human speech development. Paper presented to the IEEE Meeting (published in proceedings), San Diego.

\*McGregor, K. K., & Schwartz, R. G. (1989). Evidence for underlying representation: a case study. Symposium on Research in Child Language Disorders, Madison, WI.

Schwartz, R. (1989). Clinical Research Forum: Testing hypotheses concerning phonological systems. American Speech-Language-Hearing Association, St. Louis, MO.

Schwartz, R. (1990). Clinical implications of recent advances in linguistic theory: Phonological theories. American Speech-Language-Hearing Association, Seattle.

Schwartz, R. G. (1991). Clinical applications of linguistic theory: assessment and remediation-Phonological Theory. American Speech-Language-Hearing Association, Atlanta.

Schwartz, R.G. (1992). Metrical phonology. Portion of a miniseminar presented to the American Speech-Language-Hearing Association, San Antonio.

Schwartz, R.G., \*Ross, D., \*Goffman, L., & \*Jarmulowicz, L. (1993). Children's perception and production of voicing in word final velars. American Speech-Language-Hearing Association, Anaheim.

Schwartz, R.G., \*Gerenser, J., \*Petinou, K., \*Cartusciello, C., and \*Davidson Bryan, C. (1993). Children's preferences for segmental and suprasegmental information in nov./el words. American Speech-Language-Hearing Association, Anaheim.

Schwartz, R.G., \*Petinou, K., \*Goffman, L., \*Cartusciello, C., & \*Davidson Bryan, C. (1993). Children's production of stressed and unstressed syllables. American Speech-Language-Hearing Association, Anaheim.

Schwartz, R.G., \*Petinou, K., \*Cartusciello, C., \*Davidson Bryan, C., \*Jarmulowicz, L. (1993). Perception-production relationships in normal and specific-language impaired children. Paper presented to the American Speech-Language-Hearing Association, Anaheim.

Schwartz, R.G., (1994). Speech perception by children with language impairments. Portion of a special session presented to the Acoustical Society of America, Boston.

\*Gerenser, J., \*Erickson, F., Schwartz, R., \*Jarmulowicz, L., \*Petinou, K., \*Davidson, C., & \*Lazowski, J. (1994). Can children learn words from television? American Speech-Language-Hearing Association, New Orleans, 1994.

Schwartz, R.G., \*Jarmulowicz, L., \*Cartusciello, T., \*Gerenser, J., \*Lazowski, G., \*Davidson, C., \*Petinou, K. (1995). Recent research in speech perception and production in specific language impairment. New York Speech-Language-Hearing Association, New York.

\*Mody, M., Schwartz, R.G., Gravel, J., Wallace, I., Ellis, M., & Lee, W. (1995). Speech perception and verbal memory in children with OME. Sixth International Symposium on Recent Advances in Otitis Media, Fort Lauderdale.

\*Petinou, K., \*Mody, M., Schwartz, R.G., Gravel, J., & Wallace, I. (1995). Vocal development in children with Otitis Media. Sixth International Symposium on Recent Advances in Otitis Media, Fort Lauderdale.

\*Levy, S., Schwartz, R.G., Raphael, L. (1996). Vowel perception and production in normal two-year old children. American Speech-Language-Hearing Association, Seattle.

\*Petinou, K., \*Mody, M., Schwartz, R.G., Gravel, J. (1996). Babbling characteristics of children with and without OME. American Speech-Language-Hearing Association, Seattle.

Gravel, J., Wallace, I., & Schwartz, R. (1996). OME in children: developmental outcomes. American Speech-Language-Hearing Association, Seattle.

\*Scheffler, F., Schwartz, R.G., et al. (1996). Early phonological development in children with and without OME. American Speech-Language-Hearing Association, Seattle.

\*Jarmulowicz, L., \*Erickson, F., Schwartz, R., & Raphael, L. (1996). Creating natural speech continua for studies of speech perception. Paper presented to the American Speech-Language-Hearing Association, Seattle.

\*Jarmulowicz, L., Schwartz, R.G., & Raphael, L. (1997). Perception of vowel duration as a cue to final voicing in young children. Paper presented to the American Speech-Language-Hearing Association, Boston.

\*Petinou, K., Schwartz, R.G., Gravel, J., & Raphael, L. (1997). Morphological and phonological perception of children with and without histories of OME. American Speech-Language-Hearing Association, Boston.

\*Petinou, K., Schwartz, R.G., & \*Okiladou, A. (1998). The effect of otitis media with effusion and associated hearing loss on language acquisition. Miniseminar, Conference on Developmental Disabilities, Cyprus.

\*Jacobson, P., & Schwartz, R.G. (1998). Morphology in incipient bilingual/spanish-speaking preschool children with specific language impairment. Symposium on Research in Childhood Language Disorders, Madison.

\*Davidson, C. & Schwartz, R.G. (1998). Imageability and lexical access in children with specific language impairment. Symposium on Research in Childhood Language Disorders, Madison.

Schwartz, R. G. (1998). Phonological outcomes of otitis media with effusion (Roberts, Gravel, Schwartz, Campbell, & Dollaghan). American Speech-Language-Hearing Association, San Antonio, TX.

\*Scheffler, F., Schwartz, R.G., Gravel, J., \*Slonim, D. (1998). Phonology at age two in children with and without histories of otitis media with effusion. American Speech-Language-Hearing Association, San Antonio, TX.

Shafer, V., Kurtzberg, D., Morr, M., & Schwartz, R.G., et al. (1999). Processing articles in story contexts. Cognitive Neuroscience Society, Washington, D.C.

\*Sheffler, F., \*Slonim, D., Gravel, J., Schwartz, R.G., \*Almodovar, D. & Ruben, R. (1999). Early language acquisition in children with and with histories of otitis media with effusion and with and without language impairments. Seventh International Symposium on Recent Advances in Otitis Media, Fort Lauderdale, FL.

Shafer, V., Schwartz, R.G., et al. (1999). An electrophysiological study of categorical perception for native and non-native and contrasts. Child Phonology Meeting, Wales.

Schwartz, R.G., Shafer, V., Kurtzberg, D., Morr, M., et al. (1999). Electrophysiological indices of language processing in children. Symposium International Symposium on the Study of Child Language, San Sebastian, Spain.

\*Jarmulowicz, L., \*Wong, P., \*Gerenser, J., \*Erickson, F., \*Petinou, K. & Schwartz, R.G. (1999). Examining speech perception in lexical contexts using a preferential looking paradigm: A validation study. International Symposium on the Study of Child Language, San Sebastian, Spain.

\*Scheffler, F., \*Slonim, D., Gravel, J., Schwartz, R.G, \*Almodovar, D. & Ruben, R.(1999). The emergence of first words in children with and without histories of OME. International Symposium on the Study of Child Language, San Sebastian, Spain.

\*Slonim, D., \*Shafer, F., \*Sieger, L., \*Almodovar, D., & Schwartz, R. (1999). Criteria for identifying children with specific language impairments. American Speech-Language-Hearing Association, San Francisco, CA.

\*Gerenser, J., & Schwartz, R.G. (1999). The organization of the mental lexicon in children with autism. American Speech-Language-Hearing Association, San Francisco.

Shafer, V., Morr, M., Kurtzberg, D., & Schwartz, R.G. (1999). An electrophysiology study of the article "the" in story and non-story contexts. Paper presented to the American Speech-Language-Hearing Association, San Francisco, CA.

\*Scheffler, F., Schwartz, R.G., Raphael, L., Gravel, J., & Shafer, V. (2000). Vowel duration and lexical knowledge: effects on perception in SLI. American Speech-Language-Hearing Association, Washington.

Schwartz, R.G., Shafer, V.L., Kurtzberg, D., Gravel, J.S., & Ruben, R.J. (2001). Neurophysiological and behavioral processing in children with specific language impairment. Miniseminar presented to International Association for Logopedics and Phoniatrics and the Canadian Speech, Language, Hearing Association, Montreal.

Marton, K., & Schwartz, R. G. (2001). Phonological analysis of nonword production by children with specific language impairment. Society for Cognitive Neuroscience, New York.

Schwartz, R.G., Shafer, V.L., Scheffler, F., \*Morr, M., \*Kessler, K., \*Slonim, D., Kurtzberg, D. & Ruben, R.J. (2001). The neurobiology of auditory processes in specific language impairment. Electrophysiology International Conference (EPIC), Paris.

\*Kessler, K., Shafer, V.L., Schwartz, R.G., & Ruben, R.J. (2001). ERP evidence of temporal aspects of phonological processing. Electrophysiology International Conference (EPIC), Paris.

\*Scheffler, F., Schwartz, R.G., Raphael, L., Gravel, J., & Shafer, V. (2001). Speech perception in SLI: Vowel duration and lexical effects on identification responses and reaction times. American Speech-Language-Hearing Association, New Orleans.

Schwartz, R.G., Shafer, V.L., \*Scheffler, F., Morr, M. \*Kessler, K., Kurtzberg, & Ruben, R.J. (2001). The neurobiology of specific language impairment. Miniseminar, American Speech-Language-Hearing Association, New Orleans.

\*Jacobson, P., Schwartz, R.G., & Cairns, H. (2001). Past tense morphology in incipient bilingual children with SLI. American Speech-Language-Hearing Association, New Orleans.

\*Kessler, K., Shafer, V., & Schwartz, R.G. (2002). ERP Evidence of temporal aspects of phonological and lexical processing. Society for Cognitive Neuroscience, San Francisco.

Shafer, V., Schwartz, R.G., \*Kessler, K. (2002). ERP evidence of temporal aspects of phonological and lexical processing in children. Society for Cognitive Neuroscience.

Schwartz, R.G., Shafer, V.L., Gravel, J.S., & Ruben, R.J. (2002). The neurobiology of auditory processes in childhood language impairment. Symposium presented to the Joint Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.

Schwartz, R.G. (2002). Otitis Media: Implications for language development and disorders and auditory processing, Portion of a Symposium presented to the Joint Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.

\*Jacobson, P.F., & Schwartz, R.G. (2002). Regular and irregular past tense use in early sequential bilingual children with specific language impairment. Presented to the Joint Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI.

\*Jacobson, P.F., Schwartz, R.G., & Cairns, H. (2002). Past tense use and grammaticality judgments in bilingual children with SLI. American Speech-Language-Hearing Association, Atlanta, GA.

\*Garrido, K., Shafer, V., Schwartz, R.G., & Francis, A. (2002). Neurophysiological indices of pitch rise and fall. American Speech-Language-Hearing Association, Atlanta, GA.

\*Signorelli, T. & Schwartz, R. (2002). The production of Spanish initial plosives by bilingual preschoolers. American Speech-Language-Hearing Association, Atlanta, GA.

Schwartz, R., \*Scheffler, F., & Farkas, R. (2002). Identification criteria for the study of Specific Language Impairment: A sensitivity/specificity study. American Speech-Language-Hearing Association, Atlanta, GA.

\*Almodovar, D., \*Seiger, L., \*Kuntz, B., \*Velez, M., \*Tsiamsiouris, J., Schwartz, R.G. (2002). Precursors to atypical language development. American Speech-Language-Hearing Association, Atlanta

Shafer, V., Schwartz, R., & \*Kessler, K. (2002). ERP evidence of temporal aspects of phonological and lexical processing in children. Boston University Conference on Language Development, Boston.

Hestvik, A.Shafer, V.L., Schwartz, R.G. & Maxfield, N. Event-related potentials to “filled gaps” reflects the parser’s construction of antecedent-trace relations. Presented to the Cognitive Neuroscience Society, New York, 2003.

Marton, K., Schwartz, R.G., & Katsnelson, V. Measurement of working memory in American and Hungarian children with Specific language Impairment: Interaction between language comprehension and working memory. Poster presented to SRCLD, Madison, WI 2003

Garrido, K., Shafer, V.L., Schwartz, R.G. Francis, A. ERP correlates of pitch discrimination in English adults. Presented to the Cognitive Neuroscience Society, New York, 2003.

MacRoy, M. Maxfield, N. Gross M, Kessler, K.L., Schwartz, R.G, Shafer, V.L. ERP indices of phonological and morphophonological processing. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, 2003.

Garrido K., Shafer, V.L., Schwartz, R.G., Francis A.L. Cantonese and English Speakers identification of tone contrast. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, 2003.

Shafer, V.L., Schwartz, R.G & Kessler, K.L. ERP evidence of phonological and lexical processing children with SLI. Boston University Conference on Language Development, 2003.

Schwartz, R.G. Gross M. & Shafer, V.L. Working memory comparison processes in lexical access. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, IL, November, 2003.

Tsiamsiouris, J., & Schwartz, R.G., Phonological Representations for Speech Production in Children Who Stutter. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, 2003.

Jacobson, P. F., Schwartz, R.G., McVeigh, K.D. Williams Syndrome: Case Study of Early Lexical & Morphosyntactic Development. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, 2003.

Schwartz, R.G., Shafer, V.L., & Kessler, K. The neurobiology of lexical processing in children with Specific Language Impairment, poster presented to SRCLD, Tampa, 2003.

Downey, R., Harris Wright, H., Schwartz, R.G., Newhoff, M., Love, T., & Shapiro, L. P. Toward a measure of working memory in aphasia. Clinical Aphasiology Conference, Park City UT, 2004.

Cleary, M. & Schwartz, R.G., Auditory Phonological Priming in Children and Adults During Word Repetition Presented to the Acoustical Society of America, New York, 2004.

Schwartz, R.G., & Shafer, V. Lexical comparison processes in working memory of children with SLI. World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions. Berlin, 2004.

Marton, K. & Schwartz, R.G. Lexicality effects in the working memory of children with SLI. Paper presented to ASHA, Philadelphia, 2004

McDonald, T. Datta, H., Shafer, V.L., Marton, K., & Schwartz, R.G. Working memory effects on sentence processing in adults and children. Poster presented to ASHA, Philadelphia, 2004.

MacRoy, M., Maxfield, N., Shafer, V. & Schwartz, R. ERP indices of phonological and morphological processing in adults. Poster presented to ASHA, Philadelphia, 2004.

Puisan, W., Schwartz, R., & Jenkins, J. Production of lexical tones by 3-year-old Mandarin-speaking children. Poster presented to ASHA, Philadelphia, 2004.

MacRoy, M. Maxfield, N., Schwartz, R.G., Shafer, V.L. ERP indices of past tense verbs. Poster presentation to the Cognitive Neuroscience Society, New York, April, 2005.

Seiger, L., Brooks, P. J., & Schwartz, R. G. Semantic processing during language production in typically developing children. Presented to IASCL, Berlin, 2005.

Girbau, D. & Schwartz, R.G. Nonword repetition in spanish-speaking children with specific language impairment. Presented to IASCL, Berlin 2005.

Schwartz, R. G., Hestvik, A., Swinney, D., Seiger, L., Almodovar, D., & Asay, S. Anaphoric processing in children with specific language impairment. Presented to IASCL, Berlin 2005.

Schwartz, R.G., et al. The Electrophysiology of Specific Language Impairment. A symposium presented to IASCL, Berlin 2005.

Velez, M., & Schwartz, R.G. Auditory recognition in school-age children: semantic and phonological priming effects. Presented to IASCL, Berlin, 2005.

Seiger, L. & Schwartz, R. Lexical Access in School-Aged Children with and without Specific Language Impairment (SLI). Presented to IASCL, Berlin, 2005.

Velez, M. & Schwartz, R.G. Phonological and Semantic Priming in School-aged Children. Presented to SRCLD, Madison, 2005.

Girbau, D. & Schwartz, R.G. Pronoun processing in Spanish-speaking children with SLI: Gender and number. Presented to SRCLD, Madison, 2005.

Girbau, D. & Schwartz, R.G. Nonword repetition in Hispanic children with Specific Language Impairment. Presented to SRCLD, Madison, 2005

Wechsler-Kashi, D. Schwartz, R.G., Cleary, M., & Madell, J.R. Word retrieval abilities in children with cochlear implants. Conference on Implantable Auditory Prostheses, Asilomar, Monterey, CA, 2005.

Cleary, M., Schwartz, R.G., Wechsler-Kashi, D., & Madell, J.R. Conference on Implantable Auditory Prostheses, Asilomar, Monterey, CA, 2005.

Seiger, L., & Schwartz, R.G., Semantic and phonological processing during language production in SLI. Presented to ASHA, San Diego, 2005.

Victorino, K., Seiger, L., & Schwartz, R.G. Nonword repetition in 7-10 year-old children: Indicative of language impairment? Presented to ASHA, San Diego, 2005.

Wechsler-Kashi, D. Schwartz, R.G., Cleary, M., & Madell, J.R. Word retrieval abilities in children with cochlear implants. Presented to ASHA, San Diego, 2005.

Girbau, D. & Schwartz, R.G. Pronoun processing in bilingual Spanish-English children with specific language impairment. Presented to ASHA, San Diego, 2005.

Schwartz, R.G., Dwyer, B., Prelock, P., & Gravel, J. From research to practice: What's new? Symposium Presented to ASHA, San Diego, 2005.

Battaglia, D., Seiger, L., Schwartz, R.G. Semantic organization of the mental lexicon in children with autism. Presented to ASHA, San Diego, 2005.

Hestvik, A. Schwartz, R.G., Tornyoova, L., & Datta, H. Picture naming shows children reactivate antecedents at trace positions. Presented to Generative Approaches to Language Acquisition, Siena, Italy, 2005.

Garrido, K., Shafer, V.L., Strange W. & Schwartz, R.G. The effects of attention on the mismatch response in infants. Poster presentation to 13th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April, 2006.

Hestvik, A., Schwartz, R.G., Tornyoova, L. Gap-filling and sentence comprehension in children with SLI. Boston University Conference on Language Development, Boston, 2006.

Garrido-Nag, K., Schwartz, R.G., Strange, W., & Shafer, V. The effects of attention in the mismatch response of infants. Presented to International Conference on Infant Studies, Kyoto, 2006.

Wechsler-Kashi, D., Schwartz, R.G., Cleary, M., Madell, J. Semantic and phonological verbal-fluency tasks in children with cochlear implants. Presented to ASHA, Miami, 2006.

Garrido-Nag, K., Schwartz, R.G., Strange, W., & Shafer, V. The effects of attention in the mismatch response of infants. Presented to ASHA, Miami, 2006.

Cleary, M., Schwartz, R.G., Wechsler-Kashi, D., & Madell, J.R. Hearing impairment in children associated with slower retrieval from memory during recall. Presented to the Association for Psychological Science, New York, 2006.

Bricker, B. Vignati, D., Schwartz, R., Swinney, D., & Love, T. "She did too": Processing VP ellipsis by typical and atypical developing language populations. Presented to the CUNY Sentence Processing Conference, La Jolla, 2007.

Love, T., Bricker, B. Vignati, D., Moholy, M., Walenski, M., Schwartz, R., & Swinney, D. Rate of speech effects on the processing of overt anaphors in typical and atypical developing language populations. Presented to the CUNY Sentence Processing Conference, La Jolla, 2007.

Love, T., Swinney, D., Sawyer, C., Bricker, B., Schwartz, R., & Vignati, D. Rate of speech effects sentence processing in children with and without language impairments. Presented to the CUNY Sentence Processing Conference, La Jolla, 2007.

Hestvik A., Schwartz, R., Tornyoova, Almodovar, D., Love, T. & Swinney, D. Binding theory and syntactic movement are dissociated in Specific Language Impairment. Presented to the CUNY Sentence Processing Conference, La Jolla, 2007.

Hestvik, A., Tropper, B., Schwartz, R., Shafer, V. & Tornyoova, L. ERP measure of gap-filling in children with and without specific language impairment. Presented to the CUNY Sentence Processing Conference, La Jolla, 2007.

Tropper, B. Hestvik, A., Shafer, V., & Schwartz, R.G. The processing of object & subject *wh*-questions in children with SLI: an ERP study. Presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2007.

Hestvik, A., Shafer, V., Datta, H., & Schwartz, R. Brain responses to contextually ungrammatical verb inflection in adults, typically developing children and children with Specific Language Impairment. Presented to the Cognitive Neuroscience Society, New York, 2007.

Tropper, B. Hestvik, A., Shafer, V., & Schwartz, R. ERP evidence for impaired processing of *wh*-questions in children with SLI. Presented at the Boston University Conference on Language Development, Boston, 2007.

Hestvik, A., Tropper, B., Schwartz, R. & Shafer, V. ERP evidence for impaired processing of *wh*-questions in children with SLI. Presented at the Boston University Conference on Language Development, Boston, 2007.

Tropper, B. Hestvik, A., Neumann, Y., Yu, Y. H., Shafer, V., & Schwartz, R. Event-related potential studies of sentence processing in children with SLI. Miniseminar presented to ASHA, Boston, 2007.

McRoy-Higgins, M., Schwartz, R., Shafer, V., Marton, K. Phonotactic probability and phonological representation in toddlers. Poster presented to ASHA, Boston, 2007.

Shafer, V., Schwartz, R. Yu, Y., Vidal, N., Datta, H., Wrobelski, M., Hisagi, M., & Tessel, C. Brain bases of language acquisition in bilinguals and monolinguals. Miniseminar presented to ASHA, Boston, 2007.

Victorino, K., Seiger-Gardner, L., & Schwartz, R. Non-word repetition in SLI: performance as a function of age. Poster presented to ASHA, Boston, 2007.

Livert, D., Rindskopf, D., Jacobson, P., & Schwartz, R. Analyzing data in communication sciences and disorders using hierarchical linear modeling. Poster presented to ASHA, Boston, 2007.

Girbau, D., & Schwartz, R. Relative clause comprehension in Spanish children with and without SLI. Poster presented to ASHA, Boston, 2007.

Girbau, D., & Schwartz, R. Semantic priming in Spanish children with and without SLI. Poster presented to ASHA, Boston, 2007.

Schwartz, R.G., Hestvik, A., Tropper, B., Love, T., & Swinney, D. Language processing in specific language impairment. Presented to the International Clinical Phonetics and Linguistics Association, Istanbul, 2008.

Tropper, B., Hestvik, A., Shafer, V. & Schwartz, R.G. Electrophysiological evidence of a working memory deficit in children with specific language impairment (SLI). Presented to the International Clinical Phonetics and Linguistics Association, Istanbul, 2008.

Tessel, C., Hestvik, A., Girbau, D., Shafer, V., Speech perception in late Spanish-English bilinguals using ERP indices. Poster presented to ASHA. Chicago, 2008.

MacRoy, M., Shafer, V., Marton, & Schwartz, R.G. Phonotactic probability and phonological representation in late talkers. Miniseminar presented to ASHA, Chicago, 2008.

Sylvia, L., Tropper, B., & Schwartz, R.G. SLI children's ability to update working memory with auditory and visual information. Poster presented to ASHA, Chicago 2008.

Tropper, B., Marton, K., Russo-Victorino, K., Shafer, V., & Schwartz, R.G. Research on executive functions in SLI. Miniseminar presented to ASHA, Chicago, 2008.

Yu, Y., Schwartz, R.G., & Shafer, V. ERP indices of speech processing in 6- and 12-month old bilingual and monolingual infants. Paper presented to ASHA, Chicago, 2008.

Kuntz, B., & Schwartz, R.G. Selective attention in auditory and visual stroop tasks in children with specific language impairment. Poster presented to ASHA., Chicago, 2008.

Girbau, D., & Schwartz, R.G. Phonological priming in children with/without specific language impairment. Poster presented to ASHA, Chicago, 2008.

Owens, A., Schwartz, R.G., Tomblin, J.B., McGregor, K., Plante, E., Jacobson, P., & McGregor, K. Challenges in the identification of LI in elementary school children. Miniseminar presented to ASHA, Chicago, 2008.

Fortunato-Tavares, T., Hestvik, A., Tropper, B., & Schwartz, R.G. Eye-tracking studies of structural assignment in children with specific language impairment. Miniseminar presented to ASHA, Chicago, 2008.

Tropper, B., Sylvia, L., & Schwartz, R.G. Updating working memory with auditory and visual information in children with SLI. Poster presented to the International Association for the Study of Child Language, Edinburgh, 2008.

Girbau, D., Schwartz, R.G., & Shafer, V. An ERP study of gender and number agreement of object clitic pronouns in Spanish-English bilinguals with SLI. Poster presented to the International Association for the Study of Child Language, Edinburgh, 2008.

Marton, K., Schwartz, R.G., & Kemelson, M. Interaction between long-term lexicon and working memory in children with and without SLI. Poster presented to the International Association for the Study of Child Language, Edinburgh, 2008.

Shafer, V. (chair), et al., & Schwartz, R.G. (Discussant) Brain indices of speech discrimination in monolinguals and bilinguals: Developmental perspectives. Symposium presented to the International Association for the Study of Child Language, Edinburgh, 2008.

Girbau, D., Shafer, V., & Schwartz, R.G. Event-related potentials to anaphoric processing in Spanish-English bilingual children with and without specific language impairment. Poster presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2008.

Victorino, K., & Schwartz, R.G. Auditory selective attention and language processing in school-aged children with and without SLI. Poster presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2008.

Tropper, B., Schwartz, R.G., & Shafer, V.L. Electrophysiological Evidence of Deficient Cognitive Control in Children with Specific Language Impairment (SLI). Poster presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2009.

Levi, S.V., & Schwartz, R.G. Perception of talker information by children with typical and impaired linguistic development. Poster presented to the Acoustical Society of America, Portland, 2009.

Wechsler-Kashi, D., Schwartz, R.G., Cleary, M., & Madell, J.R. Naming abilities of children with CIs: Similarities and differences compared to normal-hearing peers. Poster presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2009.

Levi, S.V., & Schwartz, R.G. Talker discrimination by children with specific language impairment. Poster presented to the Symposium on Research in Child Language Disorders, Madison, WI, 2009.

Schwartz, R.G., Fortunato-Tavares, T., Hestvik, A., Tropper, A., & Torynova, L. Eye-tracking studies of structural assignment in children with specific language impairment. presented to the European Union Child Language Disorders Meeting, Dubrovnik, 2009.

Girbau, D., Shafer, V., & Schwartz, R.G. Neurophysiology of auditory phonological priming in Spanish-speaking adults through ERPs. Poster presented to ASHA, New Orleans, 2009.

Girbau, D., Shafer, V., & Schwartz, R.G. Neurophysiological Indices of Pronoun Processing in Spanish-English Bilinguals With Specific Language Impairment. Poster presented to ASHA, New Orleans, 2009.

Kenan, N., Schwartz, R.G., Friedmann, N., & Shapiro, L.P. Lexical Characteristics of Verbs in School-Age Children With SLI. Miniseminar presented to ASHA, New Orleans, 2009.

Levi, S., & Schwartz, R.G. Perceiving talker information in speech: SLI & TLD children. Poster presented to ASHA, New Orleans, 2009.

Girbau, D., Shafer, V.L., Schwartz, R.G. Neurophysiological indices of auditory implicit semantic priming in Spanish-speaking adults through event-related potentials. Poster presented to the Society for Neuroscience, Chicago, 2009.

Garrido-Nag, K., Shafer, V., Schwartz, R., & Martin, B. The effects of attention on the speech perception of infants. Poster presented to the Cognitive Neuroscience Society, Montreal, 2010.

Kresh, S., Zane, E., Shafer, V.L., Schwartz, R.G., ERP responses to morphosyntactic agreement violations in a passive listening task show continuity between child and adult language processing. Poster presented to the Cognitive Neuroscience Society, Montreal, 2010.

Symposium on Research in Child Language Disorders, Madison, 2010  
Child Language Seminar, City University London, 2010.

## **TEACHING**

**University of Pittsburgh (1978-1981)**

Undergraduate



Phonetic Transcription  
Acoustical and Physiological Phonetics  
Nature of Language  
Language Development

Graduate

Seminar in Speech Pathology: Language Sampling and Analysis  
Seminar in Speech Pathology: Developmental Pragmatics  
Seminar in Child Language  
Seminar in Clinical Approaches to Childhood Language Disorders  
Theories of Language Development  
Seminar in Articulation Disorders

**Purdue University (1981-1990)**

Undergraduate

Introduction to Developmental Language Disorders  
Introduction to Speech Sound/Articulation Disorders  
Introduction to Communication Disorders  
Language Development

Graduate

Seminar in Language Acquisition: Phonological development and disorders  
Phonetic and Phonological Disorders in Children  
Language Disorders in Children  
Seminar in Language Acquisition: Language Learnability  
Seminar in Language Acquisition: Language Analysis and Measurement  
Seminar in Language Acquisition: Connectionist Models

**City University of New York (1991-present)**

Typical and Atypical Phonological Acquisition (700/800)  
Typical and Atypical Language Disorders (700/800)  
Language Science  
Professional Issues for Doctoral Students  
The Ethical Conduct of Research  
Lexical Acquisition  
Dissertation Seminar  
Bilingualism and Bidialectalism (co-taught with L. Obler)  
Computational Models of Language Acquisition  
Memory and Attention in Language Acquisition  
Seminar in Childhood Language Impairment: Language Assessment  
Child Language Disorders  
Language Assessment in Children  
Specific Language Impairment in Children across Languages (co-taught V. Shafer)  
Language Processing in Childhood Language Impairments  
Neurobiology of Childhood Language Impairments  
Cognitive Sciences and Childhood Language Impairment  
Seminar in Child Language Disorders: Autism

**PROFESSIONAL SERVICE (\*Noteworthy Service Activities)**

**National**

\*Member, Scientific and Professional Programs Board American Speech-Language-Hearing Association (ASHA), 1989-1993.

Chair, Language Sciences Subcommittee, 1991 ASHA Convention.

\*Associate Editor, *Journal of Speech and Hearing Disorders*, 1984-1985.

- Editorial Consultant in Phonology, Psycholinguistics, and Applied Psycholinguistics, *Journal of Speech and Hearing Disorders*, 1982-1991.
- Editorial Consultant in Phonology and Psycholinguistics, *Journal of Speech and Hearing Research*, 1982-1997.
- Editorial Consultant, *Journal of Speech, Language, and Hearing Research*, 1997-present
- Editorial Consultant, *American Journal of Speech-Language Pathology*, 1991-present.
- Reviewer, *Cleft Palate Journal*, *Journal of Child Language*, *Language, Language, Speech and Hearing Services in Schools*, *Child Development*, *First Language*, *Applied Psycholinguistics*, *Brain and Language*, *Psychophysiology*, *International Journal of Pediatric Otorhinolaryngology*, *International Journal of Communication and Language Disorders*, *Applied Psycholinguistics*.
- Reviewer (occasional), National Science Foundation, Linguistics Program; National Institute on Deafness and Other Communicative Disorders 1982-present.
- Site Visitor, NIDCD, NIMH, 1991-1996.
- \*Program Chair, American Speech-Language Hearing Association Convention, 1992.
- External Reviewer, Joint Doctoral Program, San Diego State University/UCSD, 1996.
- Member, American Speech, Language and Hearing Association Committee on Draft Protocols for Speech-Language-Hearing Screening and Assessment, 1981-1982.
- Member, Program Committee American Speech-Language-Hearing Association Convention, 1981.
- \*Coordinator, Annual Child Phonology Group Meeting (National), 1982-1984.
- Member, Program Committee, American Speech-Language-Hearing Association Convention, 1984.
- Faculty Advisor, National Student Speech-Language-Hearing Association, 1984-1991.
- Member, Program Committee, 1987 ASHA Convention.
- Member, Steering Committee, International Conference on Phonological Acquisition. Stanford University, 1989.
- Editorial Consultant, Charles Merrill, Prentice Hall, 1984-1991.
- Consultant, American Speech-Language and Hearing Association - "Does your child hear and speak normally?" 1988.
- Associate Editor, *Human Communication and Its Disorders*, 1989-1992.
- Member, Convention of the Future, Ad Hoc Committee, American Speech-Language-Hearing Association, 1993-1994.
- \*Panel Member, National Institutes of Health Consensus Development Conference Statement on Cochlear Implants in Adults and Children, 1995.
- Consultant, Phonological development in cleft palate (NIH Grant—K. Chapman), 1995-1996.
- \*Editor, *Journal of Speech, Language, and Hearing Research*, 1995-1998.
- \*Member, Publications Board, American Speech-Language-Hearing Association, 1994-1998.
- \*Member, Consensus Panel on Guidelines for Early Intervention and Assessment for Communication Disorders, New York State Department of Health, 1997-1999.
- \*Member, National Advisory Board for the Symposium on Research in Child Language Disorders, University of Wisconsin-Madison, 1991-present.
- Consultant, School-aged outcomes of otitis media with effusion (NIH Grant—J. Roberts, P.I.).
- Consultant, Children's Health Project. Procedures for early language assessment and intervention in children from low income families.
- \*Associate Editor, *Journal of Speech, Language, and Hearing Research*, 2001-2002.
- Chair, Training Grant Review Panel, NIH, 2005.
- Reviewer, NIH Special RO3 Panel, 2007.
- Reviewer, International Association for the Study of Child Language

Ad Hoc reviewer, Canadian Ministry of Health 2009-2010  
 Ad Hoc Reviewer, National Science Foundation 1991-2010  
 Reviewer, Research Grants Council, Hong Kong 2008-2010.  
 Reviewer, NIH Ad Hoc Panel, Training Grants 2010

### **Conferences Chaired/Directed**

Annual Child Phonology Meeting (National), Purdue University, 1982-1984 (annual).  
 Crossroads Conference on Communicative Disorders, Purdue, 1983-1987 (annual).  
 Program Chair, American Speech-Language-Hearing Association Conference  
 (International), San Antonio, 1992.  
 Linguistics, Cognitive Science, and Childhood, Language Disorders in Children, City  
 University of New York, 1993. Funded by NIDCD.  
 Conducting Ethical Research with Human Subjects, The Graduate Center of the City.  
 University of New York, 1998. Funded by a CUNY Faculty Development Grant.  
 Issues in Pediatric Audiology (co-chaired with Jane Madell), New York, NY, 2008-2010.

### **School and University Committees**

#### **Purdue**

Member, Committee on Faculty Salary, Humanities & Social Sciences, 1983-1984.  
 Chair, Grievance Committee for School of Humanities & Social Sciences, 1985-1987.  
 Member, University Committee on the Use of Human Subjects in Research, 1986-1990.  
 Member, Grievance Committee, School of Liberal Arts, 1989-1990.

#### **City University of New York**

Member, Distinguished Scholars Dissertation Fellowship Review Panel, 1991-1992.  
 Member, Committee on the Use of Human Subjects (IRB), Graduate Center, 1991-1993.  
 Graduate Center Representative to the Steering Committee of the City University Consortium  
 for Developmental Disabilities.  
 Member, Subcommittee on Early Intervention, CUNY Developmental Disabilities  
 Consortium, 1992.  
 Chair, CUNY Developmental Disabilities Consortium Working Group: Developmental  
 Language Disabilities, 1993.  
 Chair and Liaison, PSC-CUNY Grant Review Panel, Speech and Hearing Sciences and  
 Linguistics, 1992-1994.  
 Member, Faculty Search Committee, Hunter College, Communicative Disorders.  
 \*Chair, Committee on the Use of Human Subjects (IRB), Graduate Center, 1993-present.  
 Member University-wide Committee on the Use of Human Subjects (IRB), CUNY, 1993-  
 present.  
 Member, Graduate Council, CUNY Graduate School, 1993-1994.  
 Member, Search Committee for the Vice President for Research, 1997-1998.  
 Member, Search Committee for University-wide IRB Compliance Officer, 1999, 2002.  
 Member, Distinguished Scholars Dissertation Fellowship Review Panel, 2001, 2003, 2010.  
 Alternate Member, Graduate Council, CUNY Graduate School, 2010-2011.

### **Departmental Committees**

#### **University of Pittsburgh**

Member, Clinic Budget Committee, University of Pittsburgh, 1979-1980  
 Chair, Faculty Search Committee, University of Pittsburgh, 1979-1980  
 Member, Departmental Human Subjects Committee, University of  
 Pittsburgh, 1980-1981.

#### **Purdue University**

Member, Departmental Curriculum Committee, Purdue University, 1981-1983.

Member, Department Head Review Committee, Purdue University, 1982.  
Member, Departmental Graduate Committee, Purdue, 1983-84.  
Member, Search Committee for Assistant Professor, Purdue University, 1983-1985.  
Departmental Library Representative, 1984-1991.  
Chair, Department Head Search Advisory Committee, 1986-1987.  
Member, Departmental Faculty Search Committee, 1987-1989.  
Member, Departmental Space Committee, 1988-1991.

### **City University of New York**

Member, Curriculum and Examination Committee, 1991-present.  
Member, Admissions Committee, 1993-1995.  
Member, Executive Committee, 1992-present.  
Chair, Faculty Search Committee, Neurophysiology of Language, 1997.  
Chair, Faculty Search Committee, Speech Science, 2009-2010.

### **Mentoring**

#### **Post-Doctoral Supervision**

Maria Mody, Research Professor, Harvard University  
Valerie Shaefer, Professor, the Graduate School and University Center of CUNY.  
Arild Hestvik, Research Scientist, CUNY Graduate Center and Professor of Linguistics,  
University of Bergen, Norway, Associate Professor, Department of Linguistics and  
Cognitive Science, University of Delaware.  
Miranda Cleary, Postdoctoral Trainee, the Graduate School and University Center of CUNY  
(family leave).

#### **Chaired Doctoral Student Committees**

Karen Pollock*	Linda Jarmulowicz*
Cheryl Messick*	Fran Scheffler*
Brenda Terrell*	Cecelia Davidson*
Patricia Prelock*	Melinda Velez
Joanne Gerenser*	Baila Tropper* (Epstein)
Michelle MacRoy-Higgins*	Dana Battaglia
Kristen Russo-Victorino	Rochelle Scharf
Kakia Petinou*	Diana Almodovar-Salinas
Carole Munger*	Bernadette Kuntz
Klara Marton*	Deena Wechsler-Kashi*
Peggy Jacobson*	Liat Seiger-Gardner*
Naama Kenan*	Laura Sylvia
Christi Hess	Karece Lopez
Daria O'Brien (on leave)	Talita Fortunato
Jennifer Rosas	Miho Sasaki
Emily Root-La Femina	Christine Rota-Donahue

**\*Graduated**