

Work Address

Ph.D. Program in Speech-Language-Hearing Sciences
The Graduate School and University Center
The City University of New York
(212) 817-8805/8833

Present Position: Associate Professor, Ph.D. Program in Speech-Language-Hearing Sciences, City University of New York, The Graduate School and University Center.

Research Interests

The investigation of language acquisition and processing in the brain in both normally-developing and language-impaired children. My specific interests include investigating 1) the role of morphosyntactic information in acquiring language, 2) the relationship between auditory processing abilities and language learning, 3) the relationship between brain development and language acquisition. 4) speech perception in second-language learning.

Teaching Interests

Teaching courses on the neurophysiology of language, normal and disordered acquisition of language, and cross-linguistic variations in language acquisition.

Education

9/94	Ph.D. Linguistics	State University of New York at Buffalo, Buffalo, New York.
5/90	M.A. Linguistics	State University of New York at Buffalo, Buffalo, New York.
5/84	B.A. Linguistics	University of Rochester, Rochester, New York.

Professional Experience

2004-	Associate Professor, Program in Speech and Hearing Sciences, CUNY, Graduate School, NY.
1999-2004	Assistant Professor, Program in Speech and Hearing Sciences, CUNY, Graduate School, NY.
1995-	Visiting Assistant Professor of Otolaryngology, Albert Einstein College of Medicine
1995-1999	Assistant Professor, Speech-Language-Hearing Sciences, Hofstra University,.
1994-1995	Post-doctoral Fellow, Speech and Hearing Sciences, CUNY, Graduate School, NY,.

Professional Society Memberships

Member, American Speech Language Hearing Association, 1996-present
Member, Cognitive Neuroscience Society, 1996-present
Member, International Association for the Study of Child Language, 1999-present
Member, Society for Language Development, 2005-present

Awards and Honors

8/90-8/92	Cognitive Science Fellowship, Center for Cognitive Science, SUNY at Buffalo
8/87-5/90	University Presidential Fellowship, SUNY at Buffalo
7/89	LSA Summer Institute of Linguistics Fellowship
6/80	Bausch and Lomb Science Award (High School)

- 2 Dissertation Direction (completed)
- 2002 Morr, Mara L. *Mismatch Negativity Elicited to Vowels in Children and Adults and it's Association to Behavioral Performance.*
- 2003 Kessler, Kathy L. *ERP Correlates of Morphosyntactic and Word-Order Phenomena in Native Speakers and Second-Language Learners of English.* (co-chair: Gita Martohardjono, Linguistics).
- 2004 Maxwell, Nathan. *Cortical Indices of Picture Name Encoding Times in Fluent and Stuttering Adults.*
- 2007 Hisagi, Miwako. *ERP indices of native versus nonnative temporal speech processing in Japanese and English Listeners* (co-chair, Winifred Strange).
- 2007 Yael Neuman. *ERP evidence of the effect of aging on lexical access.* (co-chair with Loraine Obler).

In Progress

Garrido-Nag, Karen. *Neurophysiological indices of attention to sound in infants*

Datta, Hia. *ERP evidence of Interference effects on processing of first and second languages* (co-chair with Loraine Obler).

MacRoy, Michelle. *The phonological organization of the lexicon in language-delayed preschoolers* (co-chair, Richard Schwartz)

Vivona, Anthea *Frequent elements in infant-directed speech in mothers with post-partum depression.*

Wagner, Monica *Neurophysiological indices of processing non-native phonotactic sequences.*

Baila Tropper, *Cognitive control in children with and without specific language impairment* (co-chair, Richard Schwartz)

Miscellaneous Research Supervision

Arianna Belestrieri, Bronx High School of Science *The processing of function words in early learners: An ERP study of bilingual adolescents*, Spring, 2002. Winner of The American Academy of Neurology's Neuroscience Award.

Rubi Gulapi, Bronx High School of Science *Electrophysiological indices of word learning*, Spring, 2000. Honorable Mention, Intel Science Competition.

Administration and Service

- 2002- Advisory Committee on Campus Security
- 2002- Speech and Hearing Sciences Program liaison to Mina Rees Library
- 2000-2002 The Graduate Council, CUNY-GC
- 2000 GSUC Dissertation Fellowship and Awards committee
- 1999- Member, Executive Committee, Speech and Hearing Sciences CUNY-GC

- 3 1999- Member, Curriculum and Evaluation Committee, Speech and Hearing Sciences CUNY-GC
1996-1998 Chair, Athletic Policy Committee, Hofstra University

Professional Service

- 2008 Reviewer for Austrian Science Fund (FWF)
2008 Reviewer for National Science Foundation (NSF) Faculty Early Development Career Program
2007 Organized (with Brett Martin) Workshop on the Development and Analysis of Neural Systems Supporting Language (DANSSL). The Graduate Center City University of New York, October 18 and 19, 2007.
2007- present Ad hoc reviewer *Hearing Research*
2006 present Ad hoc reviewer *Developmental Science*
2005 present Guest Section Editor, *Ear & Hearing*
2005 invited organizer of symposium on specific language impairment at the Fifth Conference on Neurophysiology of Developmental Disorders in Children, December, 2005, the Albert-Ludwigs-Universität in Freiburg, Germany
2004 present Ad hoc reviewer Medical Research Council, Great Britain.
2003 -present National Institute of Communicative Disorders New Investigators (R03) Review Panel.
2004- present Ad hoc reviewer *Clinical Neurophysiology*
2004- present Ad hoc reviewer *Ear & Hearing*
2003- present Ad hoc reviewer *Psychophysiology*
2002- present Ad hoc reviewer *Cognitive Brain Research*
1997- present Ad hoc reviewer *Journal of Speech, Language Hearing Sciences*

Grants and Contracts

- Co-investigator (April Benasich PI). Assessing Information Processing and Capacity for Understanding Language In Non-verbal Children with Autistic Spectrum Disorders. Autism Speaks. \$160,000 (subcontract). Recommended for funding.
Co-Investigator (PI, Arild Hestvik) ERP measures of rapid syntactic processing. NIDCD. \$1640,480. . Unfunded.
Co-Sponsor (with Richard G. Schwartz), Grant F31DC009356 to Baila Tropper, National Institutes of Health, NIDCD, Cognitive control in children with and without specific language impairment, 2007-2009 (\$84,254).
Co-Investigator (PI, Winifred Strange) Perception of American Vowels by Russian, Spanish and Japanese Learners of English, NSF Grant # - BCS-0718340. September, 2007 - August, 2010. \$295,827.
Principal Investigator. Supplement to The Neurophysiological Basis of Speech Processing. NIHDH, Reviewed February, 2006, Priority score: 2.14.
Principle Investigator. ERP indices of native versus nonnative temporal speech processing in Japanese and English Listeners. (Miwako Hisagi). National Science Foundation (NSF) Dissertation Enhancement Award (Division of Behavioral & Cognitive Sciences, August 1, 2005-August 1, 2006, \$10,000.
Principal Investigator. The Neurophysiological Basis of Speech Processing. NIHDH, August 1, 2004-May 31, 2009. \$1,846,202.
Principal Investigator. ERP Indices of Language Development in SLI. NIDCD, 2002. Priority score 280 (40th percentile%). Unfunded grant proposal.
Co-Investigator (Co-PIs: Klara Marton, Richard Schwartz). Working Memory for Structural-Linguistic Information in Adults and Children. CUNY COLLABORATIVE INCENTIVE GRANTS PROGRAM, Nov 1, 2001- Nov 1, 2003. \$34,200.
Principal Investigator. The functional significance of the infant positive component. PSC-CUNY Grant, July 1, 2003-2004. \$5000.
Principal Investigator. ERPs to verbal morphology in children. PSC-CUNY Grant, July 1, 2002-2003. \$3350.
Principal Investigator. Electrophysiological indices of regular and irregular morphology in school-age children. PSC-CUNY Grant, July 1, 2001-2002. \$5156.

- 4 Principal Investigator. Electrophysiological correlates of word perception in spoken discourse PSC-CUNY Grant, July 1, 2000-2001. \$4200.
- Co-investigator, (R. Schwartz, P.I.) Physiological and behavioral dynamics of children's linguistic processing., NIDCD, July 1, 1997-2002. \$500,000.
- Co-investigator, (D. Kurtzberg, P.I.) Electrophysiological probes of phonological processing deficits, NIDCD, July 1, 1997-2002. \$500,000.
- Principal Investigator. Evoked Potentials to function words in SLI children. Small Grant Program (R03), NIDCD. August 1, 1997- 2000. Direct Costs: \$60,000

Teaching Experience

- CUNY Graduate Courses: *Neurophysiology of Language; Acquisition and Breakdown of Morphosyntax, Electrophysiological Methods; Introduction to Language Science. Cross-linguistic Aspects of Specific Language Impairment. Models of Perception, Attention and Memory. Advanced Research Methods.*
- Hofstra University Undergraduate Courses: Speech 102, *Language Development*; Speech 103, *Speech and Hearing Sciences*; Speech 8, *Anatomy and Physiology of the Hearing Mechanism*; Speech 5, *Phonetics*; Speech 9, *Approaches to the Speech-Language-Hearing Sciences.*
- Hofstra University Graduate Courses: Speech 209, *Developmental Psycholinguistics*; Speech 232, *Disorders of Phonology and Articulation.*
- University of New York at Buffalo: Linguistics 209, *Sociolinguistics and Psycholinguistics*

Publications (* indicates Conference Proceeding and Chapters).

- Neuman, Y. Obler L.K. , Gomes, H., Shafer, V.L. (in press). Phonological vs. sensory contributions to age effects in naming: An electrophysiological study. *Aphasiology*.
- *Shafer, V.L. (In press). The neurophysiology of phonetics and phonology. *Cambridge Encyclopedia of the Language Sciences*. Cambridge University Press.
- *Shafer, V.L & Maxfield, N. Neuroscience methods. (2008). *The Handbook of Child Language Disorders* (R.G. Schwartz, Ed.). New York: Psychology Press.
- *Tropper, B., Hestvik, A., Shafer, V., & Schwartz, R. G. (accepted). ERP evidence for impaired processing of wh-questions in children with SLI. *Boston University Conference on Language Development (BUCLD) Proceedings 32*.
- *Strange, W. & Shafer, V.L. (2008). Speech perception in second language learners: the re-education of selective perception. Zampini, M., & Hansen, J. (eds). *Phonology and Second Language Acquisition*. Cambridge University Press.
- Hestvik, A., Maxfield, N., Schwartz, R.G., & Shafer, V.L. (2007). Brain responses to ungrammatically filled gaps. *Brain and Language. 100 (3)*, 301-16.
- Shafer, V.L , Ponton, C., Datta H., Morr, M.L & Schwartz, R.G. (2007). Neurophysiological Indices of Attention to Speech in Children with SLI. *Clinical Neurophysiology* 118, 1230-1243
- *Shafer, V.L & Garrido-Nag, K. The neurodevelopmental basis of speech and language. (2007). *The Handbook of Language Development* (M. Shatz, E. Hoff, Eds.). Oxford: Blackwell.
- 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. *Journal of Cognitive Neurosciences* 17, 1168-1180.

- 5 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., Schwartz, R.G., & Kessler, K.L. (2004). ERP Indices of Phonological and Lexical Processing in Children with SLI. *Proceedings of the 28th Annual Boston University Conference on Language Development*, Somerville, MA: Cascadilla Press, pp. 522-531
- *Kessler, K.L. Martaharjono G. & Shafer, V.L. (2004) ERP correlates of age and proficiency in L2 processing of syntactic and inflectional information. *Proceedings of the 28th Annual Boston University Conference on Language Development*, Somerville, MA: Cascadilla Press, pp. 294-305.
- Shafer, V.L., Schwartz, R.G., & Kurtzberg, D. (2004). Language-specific memory traces of consonants in the brain. *Cognitive Brain Research*, 18. 242-254.
- Martin, B.A., Shafer, V.L., Mara L. Morr, M.L., Kreuzer J. A., & Kurtzberg D. (2003). Maturation of the mismatch negativity: A scalp current density analysis. *Ear and Hearing*, 24. 463-471.
- *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*, Somerville, MA: Cascadilla Press. 751-761.
- Morr, M.L., Shafer, V.L., Kreuzer, J., & Kurtzberg, D. (2002). Maturation of mismatch negativity in infants and pre-school children. *Ear and Hearing*, 23, 118-136.
- *Shafer, V.L., Schwartz, R.G., Morr, M.L., Kessler, K.L., Kurtzberg, D., and Ruben, R.J. (2001). Neurophysiological indices of language impairment in children. *Acta Otolaryngol*, 121.
- Shafer, V.L., Schwartz, R.G., Morr, M.L., Kessler, K.L., Kurtzberg, D. (2000). Deviant neurophysiological asymmetry in children with language impairment. *Neuroreport* 11, 3715-3718.
- Shafer, V.L., Morr, M.L., Kreuzer, J., & Kurtzberg, D. (2000). Maturation of mismatch negativity in school-age children. *Ear and Hearing*, 21(3). 242-251.
- Shafer, V.L., Shucard, D.W., & Jaeger, J.J. (1999). Cerebral specialization and the role of prosody in language acquisition in three-month-old infants. *Journal of Developmental Neuropsychology*, 15. 73-110.
- Shafer, V.L., Shucard, D.W., Shucard, J.L., & Gerken, L.A. (1998). An electrophysiological study of infants' sensitivity to the sound patterns of English. *Journal of Speech, Language, Hearing Research*, 41. 874-886.
- *Shafer, V.L. & Shucard, D.W. (1995). Is the right hemisphere of the brain functionally specialized to process prosodic information? In D. MacLaughlin. & S. McEwen, (Eds.) *Proceedings of the 19th Annual Boston University Conference on Language Development*, Vol. 2 (pp. 563-574) Somerville, MA: Cascadilla Press.
- *Shafer, V.L. (1992). Modality in the Romance Conditional Sentence. In F. Li, H. L. Weber, L. Whaley, and R. VanValin (Eds.) *Buffalo Working Papers*, Linguistics Department, SUNY at Buffalo.
- *Shafer, V.L. (1990). [Review of the book *Cognitive Psychology: A Student's Handbook*]. *Journal of Minds and Machines*, 1991.

Papers, submitted and in preparation

Maxfield, N, Obler, L. & Shafer, V.L. Neural Correlates of Accurate Speech Processing in Noise for Native and Proficient Nonnative Speakers of English. Revised and resubmitted.

Datta H., Shafer, V.L., Morr, M.L., Kurtzberg, D & Schwartz, R.G. Brain discriminative responses to phonetically-similar long vowels in children with SLI. Under revision to *Journal of Speech Language Hearing Sciences*.

Shafer, V.L. Ponton C. & Schwartz, R.G. Lateral-Temporal Site Indices of Specific Language Impairment. In preparation.

Hisagi, M., Shafer, V.L., Strange, W. & Sussman, E. Perception of Japanese Vowel temporally-cued phonetic contrasts by Japanese and American English listeners: Behavioral and Electrophysiological Measures. In preparation.

Shafer, V.L., Datta H., Wroblewski, M. Vidal, N. & Hisagi, M.. An ERP study of allocation of attentional resources to speech perception in English-Spanish bilinguals. In preparation.

Hestvik, A., Neumann Y., N., Schwartz, R.G., & Ullman, M.T. & Shafer, V.L. ERP indices of verb-tense processing. In preparation.

Garrido, K, Hisagi M. & Shafer, V.L. ERP indices of speech processing in early versus late bilinguals. In preparation.

Tropper, B., Hestvik, A., Shafer, V., & Schwartz, R. G. (in preparation). The processing of object and subject wh-questions in children with specific language impairment (SLI): An ERP study

Morr, M.L., Shafer, V.L., Davidson, C., Kreuzer, J., & Kurtzberg, D. The effects of short ISIs on mismatch negativity in children and adults. Under revision to *Ear and Hearing*.

Invited Presentations

The development of English vowel perception in monolingual and bilingual infants: neurophysiological correlates. To be presented the 2nd Acoustical Society of America Speech Workshop, May 22-23 2009.

ERP indices of Language Development in Bilinguals. Presented at Sackler Institute for Developmental Psychobiology, Weill-Cornell Medical College April 17, 2007 .

Will Johnny have SLI ? Or can neurobiological measures predict language outcome? Presented at the Fifth Conference on Neurophysiology of Developmental Disorders in Children, December, 2005, the Albert-Ludwigs-Universität in Freiburg, Germany.

Neurophysiology of Morphosyntax. Invited Lecture in Biobehavioral Sciences, Teachers College, Columbia University, October, 2005.

The functional significance of ERP mismatch responses to auditory stimuli in infants and toddlers. Presented at the Workshop on Speech and Auditory Processing in Developmental Disorders: Evidence from Brain Event-related Potentials. St. John's College, Oxford, England, September, 2004.

⁷ Neurophysiological indices of speech processing in bilinguals. International Acoustical Society, Kyoto, Japan, April 4-6, 2004.

Pre-attentive processing in children with SLI. Presented in the session: Pre-attentive speech perception. XIII International Conference of Event Related Potentials of the Brain. Leipzig, Germany, March 29-31, 2004.

ERP indices of phonological processing in children with SLI. Rutgers University. October 28, 2003.

ERP methods in studying language development. Presented to the Oxford Study of Children's Communication Impairments Group, Department of Experimental Psychology, University of Oxford, December, 2002.

Using ERPs to Study Language. Cognitive Science Symposium. The Graduate School and University Center, CUNY, November, 2002.

Using ERPs to Study Language Acquisition. Invited presentation in the symposium "Application of neuroimaging in language research" Session chair E. Plante, IX International Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders, Madison, WI. July, 2002.

ERPs to language in natural discourse contexts. Paper presented to the Program in Linguistics, Psycholinguistic Supper Club, The Graduate School and University Center, CUNY, Fall, 1999.

Using mismatch negativity to investigate phonological processing. Presented at Neurosciences Colloquia Series, Albert Einstein College of Medicine, Bronx, New York. October, 1998.

Using ERPs to study language acquisition and processing. Presented at Program in Speech and Hearing Sciences, The Graduate Center, CUNY. December, 1997.

Methodological issues in choosing stimuli in ERPs studies of language. Presented at Program in Speech and Hearing Sciences Colloquia Series, The Graduate Center, CUNY, October, 1997.

Presented Papers and Published Abstracts

Tropper, B., Hestvik, A., Shafer, V., & Schwartz, R. G. Electrophysiological evidence of a working memory deficit in children with specific language impairment (SLI). Abstract submitted for a paper presentation at the International Clinical Phonetics and Linguistics Association, Istanbul, Turkey, June, 2008.

- 8 Neumann Y, Shafer VL, Obler LK and Gomes H. Segmental and Syllabic Processing in Healthy Younger and Older Adults. Poster presentation at CUNY Conference on the Syllable in Phonology, The Graduate Center, CUNY, January 2008.
- Wagner M. and Shafer VL Phonotactic influences in the perception of a consonant cluster by English and Polish listeners. Platform presentation at CUNY Conference on the Syllable in Phonology, The Graduate Center, CUNY, January 2008.
- Hestvik A , Tropper B,.. Shafer VL, Schwartz RG. . ERP evidence for delayed gap-filling in SLI. . Platform presentation at Boston University Conference on Language Development. Nov. , 2007.
- Tropper B, Hestvik A.. Shafer VL, Schwartz RG. ERP evidence for impaired processing of wh-questions in children with SLI. Platform presentation at Boston University Conference on Language Development. Nov. , 2007
- Tropper B, Hestvik A. Neumann Y. Yu Y. Shafer VL, Schwartz RG. Event-Related Potential Studies of Sentence Processing in Children With SLI. Platform presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007.
- MacRoy-Higgins M, , Schwartz RG, Shafer VL, Martin, K. Phonotactic probability and phonological representations in toddlers. Poster presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007
- Shafer VL, Schwartz RG, Yu Y, Vidal N, Datta H, Wroblewski M, Hisagi M, Tessel C. Brain bases of language acquisition in monolinguals and bilinguals. Platform presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007.
- Sasaki M and Shafer VL Frequency and distribution of function words in Japanese maternal speech. Poster presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007.
- Wagner M. and Shafer VL. Electrophysiological indices of perception of non-native phonotactic structure. Poster presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007.
- Vivona A and Shafer VL. Frequent language elements in maternal speech to infants. Poster presentation at American Speech-Language-Hearing Association Annual Convention, Boston, November, 2007.
- Tropper, B., Hestvik, A., Shafer, V., & Schwartz, R. G. The processing of object and subject Wh-questions in children with specific language impairment (SLI): An ERP study. Poster presentation at the 28th Annual Symposium on Research in Child Language Disorders, Madison, WI, June, 2007.

- Datta H., Shafer, V.L, Obler L.K. Neural mechanisms in first language attrition. Poster presentation to 14th Annual Meeting of the Cognitive Neuroscience Society, New York, May, 2007.
- Garrido-Nag K., Yu Y., Datta H., Vidal, N., Shafer, V.L. ERP indices of speech processing in infant and toddlers: Maturational changes from 3 months to 7 years of age. Poster presentation to 14th Annual Meeting of the Cognitive Neuroscience Society, New York, May, 2007.
- Hestvik A, Schwartz RG, Shafer VL, Neumann Y., Yu Y., Tropper B. Brain responses to contextually ungrammatical verb inflection in adults, typically developing children and children with specific language impairment. Poster presentation to 14th Annual Meeting of the Cognitive Neuroscience Society, New York, May, 2007.
- Hisagi, M., Wroblewski M., Tessel C., Datta H., Shafer, V.L., Function and topography of mismatch vs. late negativity and the role of attention in vowel perception. Poster presentation to 14th Annual Meeting of the Cognitive Neuroscience Society, New York, May, 2007.
- Neumann Y, Shafer V, Gomes H. Event-related potentials to segmental and syllabic retrieval in a picture naming task in young and old adults. Poster presentation to 14th Annual Meeting of the Cognitive Neuroscience Society, New York, May, 2007.
- Hestvik, A., Tropper, B., Schwartz, R., Shafer, V., & Torniyova, L. ERP measure of gap-filling in children with and without specific language impairment. Poster presentation at the CUNY Conference on Human Sentence Processing, San Diego, CA, March, 2007.
- Hestvik, A., Schwartz, R. G., Shafer, V., Neumann, Y., Rinker, T., Yu, H., & Tropper, B. Event related potentials to ungrammatical verb inflection in children and adults. Poster presentation at the Boston University Conference on Language Development, November, 2006.

- 10 Garrido, K Datta, H., Vidal, N. & Shafer, V. The Neurodevelopmental basis of speech discrimination in infants, toddlers and children. Poster presentation to International Society for Infant Study (ISIS), Kyoto, Japan, June, 2006.
- Garrido, K Schwartz, R.G., Strange, W. & Shafer, V. The effects of attention on the mismatch response in infants. Poster presentation to International Society for Infant Study (ISIS), Kyoto, Japan, June, 2006.
- Vidal, N., Garrido, K Datta, H., Tessel, C. & Shafer, V.L. Can a language background questionnaire predict language use and standard language scores? Poster presentation to Language Acquisition and Bilingualism: Consequences for a Multilingual Society, Toronto, Canada, May, 2006.
- Datta, H., Hisagi, M., Wroblewski, M., Garrido, K., Vidal, N., & Shafer, V.L. Vowel perception in bilingual adults & children: Electrophysiological measures. Poster presentation to Language Acquisition and Bilingualism: Consequences for a Multilingual Society, Toronto, Canada, May, 2006.
- Hisagi, M., Shafer, V.L., Strange W. & Sussman, E. Perception of Japanese temporally-cued phonetic contrasts by Japanese and American English listeners: Behavioral and electrophysiological measures. Poster presentation to 13th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April, 2006
- Datta, H., Wroblewski, M., Hisagi, M., Vidal, N., Garrido, K. & Shafer, V.L. The effects of attentional resource allocation on speech processing. Poster presentation to 13th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April, 2006.
- 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.
- Datta, H, Garrido, K., Morr, M. & Kurtzberg, D. Functional significance of the mismatch response in infants. Poster presentation to 12th Annual Meeting of the Cognitive Neuroscience Society, New York, April, 2005.
- Garrido, K. Hisagi M. & Shafer, V.L. ERP Indices of Vowel Processing in Spanish –English bilinguals. Poster presentation to 12th Annual Meeting of the Cognitive Neuroscience Society, New York, April, 2005.
- MacRoy, M. Maxfield, N., Schwartz, RG, Shafer, V.L. ERP indices of past tense verbs. Poster presentation to 12th Annual Meeting of the Cognitive Neuroscience Society, New York, April, 2005.
- Maxfield, M. Obler, L. Monreraeu-Murray, M. Rose T. Rubino, D. & Shafer, V.L. Bilingual’s speech perception in noise: Converging evidence from ERP and behavioral measures. Poster presentation to 12th Annual Meeting of the Cognitive Neuroscience Society, New York, April, 2005.
- Garrido, K. Hisagi M. & Shafer, V.L. ERP Indices of Vowel Processing in bilinguals. Fifth International Symposium on Bilingualism (ISB5), Barcelona, Spain, March, 2005.
- Datta, H. Martin K. Schwartz, R.G. & Shafer, V.L. ERP indices of working memory in complex sentence processing. Poster presentation at American Speech-Language-Hearing Association Annual Convention, November, 2004.
- Garrido, K. Hisagi M. & Shafer, V.L. Indices of vowel processing in bilinguals. Poster presentation at American Speech-Language-Hearing Association Annual Convention, November, 2004.

- Garrido, K. Hisagi M. & Shafer, V.L. ERP Indices of speech processing in bilinguals. Poster presentation at 147th Meeting of Acoustical Society of America, New York, NY, May, 2004.
- Shafer, V.L. The allocation of attentional resources in the development of speech perception. XIII International Conference of Event Related Potentials of the Brain. Leipzig, Germany, March 29-31, 2004.
- Shafer, V.L. Garrido, K. Datta, H., MacRoy, M. & MacDonald, Neumann, Y., Martin B. Electrophysiological Methods: Future clinical application. Educational session to the American Speech-Language-Hearing Association Annual Convention, Chicago, IL, November, 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.
- MacRoy, M. Maxfield, N. Gross M, Kessler, K.L., Schwartz, RG, Shafer, V.L. ERP indices of phonological and morphophonological processing. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, IL, November, 2003.
- Garrido K., Shafer, V.L., Schwartz, RG., Francis A.L. Cantonese and English Speakers identification of tone contrast. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Chicago, IL, November, 2003.
- Shafer, V.L., Schwartz, R.G & Kessler, K.L. ERP evidence of phonological and lexical processing children with SLI. Platform presentation at Boston University Conference on Language Development. Oct. 31- Nov 2, 2003.
- Kessler, K.L, Martohardjono, G. & Shafer, V.L. ERP correlates of age and proficiency effects on L2 processing of syntactic and inflectional information. Platform presentation at Boston University Conference on Language Development. Oct. 31- Nov 2, 2003.
- Kessler, K.L, Martohardjono, G. & Shafer, V.L. Effects of age and proficiency on word order and inflectional processing in L2 English: An ERP Study. Paper presented at the 13th Annual EuroSLA Conference. Edinburgh, Scotland. Sept. 2003. .
- Shafer, V.L. Garrido, K. Datta, H., MacRoy, M. & MacDonald, T. Electrophysiological Methods: Future clinical application. Seminar presented at New York State Speech Language Hearing Association Annual Meeting, March, 2003.
- Maxfield, N. Shafer, V.L, Cairns, H. & Watson, B., Cortical indices of picture name encoding times in adults who stutter. Poster presentation to 8th Annual Meeting of the Cognitive Neuroscience Society, New York, March, 2003.
- Arild Hestvik, Shafer, V.L., Schwartz, RG. & Maxfield, N. Event-related potentials to “filled gaps” reflects the parser’s construction of antecedent-trace relations. Poster presentation to 8th Annual Meeting of the Cognitive Neuroscience Society, New York, March, 2003.
- Karen Garrido, Shafer, V.L., Schwartz, RG. Francis, A. ERP correlates of pitch discrimination in English adults. Poster presentation to 8th Annual Meeting of the Cognitive Neuroscience Society, New York, March, 2003.
- Kamowski, M., Maxfield N. & Shafer, V.L. ERP correlates of syllable sequence discrimination in infants. Poster presentation to 8th Annual Meeting of the Cognitive Neuroscience Society, New York, March, 2003.

- 12 Datta, H., Shafer, V.L. & Kurtzberg, D. The effects of exposure to non-native speech contrasts on MMN. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Atlanta GA, November, 2002.
- Karen Garrido, Shafer, V.L., Schwartz, R.G. Francis, A. ERP correlates of pitch discrimination in English adults. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Atlanta GA, November, 2002.
- Kamowski, M. Maxfield N. & Shafer, V.L. ERP correlates of syllable sequence discrimination in infants. Poster presentation to the American Speech-Language-Hearing Association Annual Convention, Atlanta GA, November, 2002.
- Shafer, V.L., Schwartz, R.G & Kessler, K.L. ERP evidence of temporal aspects of phonological and lexical processing children. To be presented at Boston University Conference on Language Development. November, 2002.
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