

DEMOGRAPHIC INFORMATION

Current Appointment: Patricia and Rodes Hart Associate Professor of Education and Human Development
Departments of Special Education,
Psychology and Human Development,
Radiology, and Pediatrics
Vanderbilt University
Nashville, TN 37203

Other: Research Affiliate, Haskins Laboratories
New Haven, CT

Personal Data:

Business Address: Vanderbilt University
MRL Building
Room 302B
Nashville, TN 37203

Telephone: 615-875-1054
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Education and Training:

Postdoctoral Fellowship National Institutes of Health-Funded (NICHD)
Research Fellowship
Developmental Cognitive Neurology
Kennedy Krieger Institute
Johns Hopkins School of Medicine
Baltimore, MD
August 1997 through July 1999

Ph.D. Communication Sciences and Disorders
Northwestern University
Evanston, IL
September 1993 through July 1997

School Internship Skokie Public Schools (student teacher)
Skokie, IL
September 1995 through December 1995

Pre-doctoral Intern	Yale University School of Medicine Center for Learning and Attention New Haven, CT June 1995 through September 1995
Pre-doctoral Intern	National Institute of Child Health and Human Development Human Learning and Behavior Branch National Institutes of Health Bethesda, MD June 1994 through August 1994
Pre-doctoral Intern	Kennedy Krieger Institute Developmental Cognitive Neurology Baltimore, MD June 1994 through August 1994
M.A.	Communication Sciences and Disorders Northwestern University Evanston, IL September 1993 through June 1995 (completed as part of doctoral program)
B.A.	Literature American University Washington, DC September 1991 through May 1993 <i>Cum Laude</i>
B.A. (degree sought)	Literature College of William & Mary Williamsburg, VA January 1989 through May 1990
Professional Experience:	
August 2010 through Present	Affiliated Faculty, Vanderbilt University Institute of Imaging Sciences Vanderbilt University
September 2009 through Present	Patricia and Rodes Hart Associate Professor of Special Education, Psychology and Human Development, Radiology, and Pediatrics Vanderbilt University

September 2009 through Present	Training Faculty, Vanderbilt Brain Institute Vanderbilt University
September 2009 through Present	Investigator and Director of the Reading Clinic, Vanderbilt Kennedy Center Vanderbilt University
September 2009 through Present	Member, Center for Integrative and Cognitive Neuroscience Vanderbilt University
April 2006 through Present	Associate Professor (Adjunct since 9/1/09) Department of Neurology Johns Hopkins School of Medicine Kennedy Krieger Institute Developmental Cognitive Neurology
May 2006 through Present	Special Member of Graduate Faculty University of Maryland Department of Special Education College of Education College Park, MD
October 2006 through August 2009	Associate Professor (secondary appointment) Department of Education Johns Hopkins University Baltimore, MD
September 2004 through Present	Research Affiliate Haskins Laboratories New Haven, CT
September 2002 through September 2003	American Association for the Advancement of Science / Society for Research in Child Development Executive Branch Policy Fellow National Institute of Child Health and Human Development, National Institutes of Health
September 2001 through October 2006	Assistant Professor (secondary appointment) Department of Education Johns Hopkins University Baltimore, MD
September 2000 through March 2006	Assistant Professor

Department of Neurology
Johns Hopkins School of Medicine
Kennedy Krieger Institute
Developmental Cognitive Neurology

August 1999 through September 2000

Instructor
Department of Neurology
Johns Hopkins School of Medicine
Kennedy Krieger Institute
Developmental Cognitive Neurology
Baltimore, MD

June 1996 through August 1996

Cherubs Teaching Instructor
National High School Institute
Northwestern University, Evanston, IL

September 1996 through July 1997

Educational Specialist / Consultant
Evanston, IL

March 1995 through June 1995

Psychoeducational Testing
Multidisciplinary Pre-school Clinic
Northwestern University
Evanston, IL

September 1994 through June 1997

Clinic Supervisor
Northwestern University
Evanston, IL

RESEARCH ACTIVITIES

Publications:

Peer-Reviewed Articles:

1. Peterson, D.J., Ryan, M., Rimrodt, S.L., Cutting, L.E., Denckla, M.B., Kaufmann, W.E., Mahone, M.M. (in press). Increased Regional Fractional Anisotropy in Highly Screened Attention-deficit/Hyperactivity Disorder. *Developmental Neuropsychology*.
2. Harlaar, N., Cutting, L.E., Deater-Deckard, K., Dethorne, L.S., Justice, L.M., Schatschneider, C., Thompson, L.A., & Petrill, S.A. (in press). Predicting individual differences in reading comprehension: a twin study. *Annals of Dyslexia*.
3. Hart, S.A., Petrill, S.A., Willcutt, E., Thompson, L., Schatschneider, C., Deater-Deckard, K., & Cutting, L.E. (in press). Exploring how ADHD symptoms are

- related to reading and mathematics performance: General genes, general environments. *Psychological Science*.
4. Cutting, L.E. & Levine, T.M. (2010). Cognitive Profile of Children with Neurofibromatosis and Reading Disabilities. *Child Neuropsychology*, 5: 417-32.
 5. Davis, N., Fan, Q., Compton, D. L., Fuchs, D., Fuchs, L. S., Cutting, L.E., Gore, J. & Anderson, A.W. (2010) Influences of Neural Pathway Integrity in Children's Response to Reading Instruction. *Frontiers in Systems Neuroscience*. 4: 150
 6. DeThorne, L.S., Petrill, S.A., Schatschneider, C., & Cutting, L. (2010). Conversational language use as a predictor of early reading development: Language history as a moderating variable. *Journal of Speech, Language, and Hearing Research*, 52: 209-23.
 7. Locascio, G., Mahone, E.M., Eason, S.H., & Cutting, L.E. (2010). Executive Dysfunction among Children with Reading Comprehension Deficits. *Journal of Learning Disabilities*, 43: 441-54.
 8. Petrill, S. A., Hart, S.A., Harlaar, N., Logan, J., Justice, L.M., Schatschneider, C., Thompson, L, DeThorne, L.S., Deater-Deckard, K., & Cutting, L.E. (2010). Genetic and Environmental Influences on the Growth of Early Reading Skills. *Journal of Child Psychology and Psychiatry*, 51, 660-7.
 9. Rimrodt, S.R., Daniel J. Peterson, D.J., Kaufmann, W.E., Denckla, M.B., & Cutting, L.E. (2010). White matter microstructural differences linked to left superior longitudinal fasciculus in children with dyslexia. *Cortex*, 46, 739-49.
 10. Cutting, L.E. Materek, A., Cole, C.A.S., Levine, T., & Mahone, E.M. (2009). Effects of language, fluency, and executive function on reading comprehension performance. *Annals of Dyslexia*. 59, 34-54.
 11. Carter, J.C., Lanham D.C., Cutting, L.E., Clements-Stephens, A.M., Chen, X., Hadzipasic, M., Kim, J., Denckla, M.B., & Kaufmann, W.E. (2009). A dual DTI approach to analyzing white matter in children with dyslexia. *Psychiatry Research*, 172, 215-9.
 12. Clements-Stephens, A.M., Rimrodt, S.L., & Cutting, L.E. (2009). Developmental sex differences in basic visuospatial processing: Differences in strategy use? *Neuroscience Letters*, 449, 155-60.
 13. Hart, S.A., Petrill, S.A., DeThorne, L.S., Deater-Deckard, K., Thompson, L.A., Schatschneider, C., & Cutting, L. (2009). Environmental Influences on the Longitudinal Covariance of Expressive Vocabulary: Measuring the Home Literacy Environment in a Genetically Sensitive Design. *Journal of Child*

Psychology and Psychiatry, 8, 911-9.

14. Li, J., Cutting, L.E., Ryan, M., Zilioli, M., Denckla, M.B., & Mahone, E.M. (2009). Response variability in rapid automatized naming predicts reading comprehension. *Journal of Clinical and Experimental Neuropsychology*, 31: 877-88.
15. Rimrodt, S.L., Clements-Stephens, A.M., Pugh, K.R., Courtney, S., Gaur, P., Pekar, J.J., & Cutting, L.E. (2009). Functional MRI of sentence comprehension in adolescents with dyslexia: Neurobiology beyond the single word. *Cerebral Cortex*, 19, 402-13.
16. Clements-Stephens, A., Rimrodt, S.L., Gaur, P., & Cutting, L.E. (2008). Visuospatial processing in children with Neurofibromatosis Type 1. *Neuropsychologia*, 46, 690-7.
17. Roeder, M.B., Mahone, E.M., Larson, J.G., Mostofsky, S.H., & Cutting, L.E., Goldberg, M.C., & Denckla, M.B. (2008). Left-Right Differences on Timed Motor Examination in Children. *Child Neuropsychology*, 14, 249-62.
18. Sesma, H.W., Mahone, E.M., Levine, T., Eason, S.H. & Cutting, L.E. (2008). The contribution of executive skills to reading comprehension. *Child Neuropsychology*. 15, 232-46.
19. Bodnar, E., Prahme, M.C., Cutting, L.E., Denckla, M.B., & Mahone, E.M. (2007). Construct validity of parent ratings of inhibitory control. *Child Neuropsychology*, 13, 345-62.
20. Gidley-Larson, J.C., Mostofsky, S.H., Goldberg, M.C., Cutting, L.E., Denckla, M.B., & Mahone, E.M. (2007). Effects of gender and age on motor exam in typically developing children. *Developmental Neuropsychology*, 32: 543-62.
21. Cutting, L.E., Clements, A.M., Courtney, S., Rimrodt, S., Schafer, J., Bisesi, J., Pekar, J.J., & Pugh, K.R. (2006). Differential components of sentence comprehension: Beyond single word reading and memory. *Neuroimage*, 29, 429-38.
22. Cutting, L.E. & Scarborough, H.S. (2006). Prediction of Reading Comprehension: Relative Contributions of Word Recognition, Language Proficiency, and Other Cognitive Skills Can Depend on How Comprehension is Measured. *Scientific Studies of Reading*, 10, 277-300.
23. Clements, A.M, Rimrodt, S.L., Abel, J.R., Blankner, J.G., Mostofsky, S.H., Pekar, J.J., Denckla, M.B. & Cutting, L.E. (2006). Sex differences in cerebral laterality of language and visuospatial processing. *Brain and Language*, 98, 150-8.

24. Levine, T.M., Materek, A., Abel, J., O'Donnell, M. & Cutting, L.E. (2006). Cognitive profile of Neurofibromatosis type 1. *Seminars in Pediatric Neurology*, 13: 8-20. Review.
25. Goldberg, M.C., Mostofsky, S.H., Cutting, L.E., Mahone, E.M., Astor, B.C., Denckla, M.B., & Landa, R.J. (2005). Subtle executive impairment in children with autism and children with ADHD. *Journal of Autism and Developmental Disorders*, 35, 279-93.
26. McCardle, P., Mele-McCarthy, J., Cutting, L.E., Leos, K., & D'Emilio, T. (2005). Learning Disabilities in English Language Learners: Identifying the Issues: An Introduction. *Learning Disabilities Research and Practice*, 20, 1-5.
27. Cutting, L.E., Clements, A.M., Lightman, A.D., Yerby-Hammack, P.D. & Denckla, M.B. (2004). Cognitive profile of neurofibromatosis type 1: Rethinking non-verbal learning disabilities. *Learning Disabilities Research & Practice*, 19, 155-65.
28. Cutting, L.E. & Denckla, M.B. (2004). Genetic disorders and learning disabilities: Closing remarks and future research questions. *Learning Disabilities Research & Practice*, 19, 174-5.
29. Denckla, M.B. & Cutting, L.E. (2004). Introduction to special issue: Genetic disorders with a high incidence of learning disabilities. *Learning Disabilities Research & Practice*, 19, 131-2.
30. Cutting, L.E., Koth, C.W., Mahone, E.M., & Denckla, M.B. (2003). Evidence for Unexpected Weaknesses in Learning in Children with Attention Deficit Hyperactivity Disorder without Reading Disabilities. *Journal of Learning Disabilities*, 36, 259-69.
31. Cutting, L.E., Cooper, K.L., Koth, C.W., Mostofsky, S.H., Kates, W.R., Denckla M.B., & Kaufmann, W.E. (2002). Megalencephaly in NF1: Predominantly White Matter Contribution and Mitigation by ADHD. *Neurology*, 59, 1388-94.
32. Fredericksen, K.A., Cutting, L.E., Kates, W.R., Mostofsky, S.H., Singer, H.S., Cooper, K.L., Lanham, D.C., Denckla, M.B., & Kaufmann, W.E. (2002). Disproportionate increases of white matter in right frontal lobe in Tourette syndrome. *Neurology*, 58, p. 85-9
33. Mahone, E.M., Cirino, P.T., Cutting, L.E., Cerrone, P.M., Hagelthorn, K.M., Hiemenz, J.R., Singer, H.S., & Denckla, M.B. (2002). Validity of the behavior rating inventory of executive function in children with ADHD and/or Tourette syndrome. *Archives of Clinical Neuropsychology*, 17, 643-62.

34. Mahone, E.M., Hagelthorn, K.M., Cutting, L.E., Schuerholz, L.J., Pelletier, S.F., Rawlins, C., Singer, H.S., & Denckla, M.B. (2002). Effects of IQ on executive function measures in children with ADHD. *Child Neuropsychology*, 8, 52-65.
35. Cutting L.E. & Denckla M.B. (2001). The relationship of Rapid Automatized Naming and word reading in normally developing readers. *Reading and Writing: An Interdisciplinary Journal*, 14, 673-705.
36. Cutting L.E., Huang G., Zeger S., Koth C., & Denckla M.B. (2001). Specific cognitive functions remain “spared” and “impaired” over time children with Neurofibromatosis Type 1: growth curve analyses of neuropsychological profiles, *Journal of the International Neuropsychological Society*, 8, 838-46.
37. Mahone, M., Koth, C., Cutting, L., Singer, H.S., & Denckla, M.B. (2001). Executive function in fluency and recall measures among children with Tourette Syndrome or ADHD. *Journal of the International Neuropsychological Society*, 7, 102-11.
38. Mostofsky, S.H., Lasker, A.G., Cutting L.E., Denckla, M.B., Zee, D.S. (2001). Oculomotor abnormalities in attention deficit hyperactivity disorder: A preliminary study. *Neurology*, 57, p. 423-30.
39. Cutting, L.E., Koth, C.W., Burnette, C., Abrams, M.T. & Denckla, M.B. (2000). The relationship of cognitive functioning, whole brain volumes, and T-2 weighted hyperintensities in Neurofibromatosis Type 1. *Journal of Child Neurology*, 15, 157-60.
40. Cutting, L.E., Koth, C.W., & Denckla, M.B. (2000). How children with Neurofibromatosis Type 1 differ from “typical” learning disabled clinic attenders: non-verbal learning disabilities revisited. *Developmental Neuropsychology*, 17, 29-48.
41. Koth, C.W., Cutting, L.E. & Denckla, M.B. (2000). The association of Neurofibromatosis Type 1 and Attention Deficit Hyperactivity Disorder. *Child Neuropsychology*, 6, 185-94.
42. Mostofsky, S.H., Kunze, J.C., Cutting, L.E., Lederman, H., & Denckla, M.B. (2000). Judgment of Duration in Individuals with Ataxia-Telangiectasia. *Developmental Neuropsychology*, 17, 63-74.
43. Denckla, M.B. & Cutting, L.E. (1999). History and significance of Rapid Automatized Naming. *Annals of Dyslexia*, 49, 29-42.
44. Mostofsky, S.H., Wendlandt, J., Cutting, L., Denckla, M.B., & Singer, H.S. (1999). Corpus callosum morphology in girls with Tourette syndrome.

Neurology, 53, 1345-7.

45. Schuerholtz, L., Cutting, L., Mazzocco, M., Singer, H., & Denckla, M.B. (1997). Neuromotor functioning of children with Tourette's Syndrome with and without Attention Deficit Hyperactivity Disorder. *Journal of Child Neurology*, 12, 438-42.

Editorials, Reviews

1. Cutting L.E. (2001). Review of Reading and Attention Disorders [Book Review]. *Annals of Neurology*, 49, 279.

Book Chapters

1. Cutting, L.E. & Scarborough, H.S. (in press). Multiple Bases for Comprehension Difficulties. In J. Sabatini and E. Albro (Eds). *Assessing Reading in the 21st Century: Aligning and applying advances in the reading and measurement sciences*. Lanham, MD: Rowman & Littlefield.
2. Cutting, L.E., Eason, S.H., Young, K. & Alberstadt, A.L. (2009). Reading Comprehension: Cognition and Neuroimaging. In K. Pugh & P. McCardle (Eds.). *How Children Learn To Read: Current Issues and New Directions in the Integration of Cognition, Neurobiology and Genetics of Reading and Dyslexia Research and Practice*. (pp. 195-213). Philadelphia, PA: Lawrence Earlbaum Associates.
3. Eason, S.H. & Cutting, L.E. (2009). Examining sources of poor comprehension in older poor readers: Preliminary findings, issues, and challenges. In R.K. Wagner, C.L. Schatschneider, & C. Phythian-Sense (Eds.). *Beyond Decoding: The Behavioral and Biological Foundations of Reading Comprehension*. (pp.263-86). New York: Guilford Press.
4. Cutting, L.E., Mostofsky, S.H., & Denckla, M.B. (2006). School Difficulties. In J.A. McMillan, C.D. DeAngelis, R.D. Feigin, and M.D. Jones Jr. (Eds.). *Oski's Pediatrics: Principals and Practice, 4th ed.* (pp. 674-80). Philadelphia, PA: Lippincott, Williams, & Wilkins.
5. Rimrodt, S.L. & Cutting L.E. (2005) Neurobiology of Dyslexia. In S Gilman (Ed.) *Neurobiology of Disease*. (pp. 593-9). Philadelphia, PA: Elsevier Academic Press.
6. Cutting, L.E. & Denckla, M.B. (2003). Attention: Relationships between attention deficit hyperactivity disorder and learning disabilities. In L. Swanson, K. Harris, and S. Graham (Eds.) *Handbook of Learning Disabilities*. (pp. 125-39). New York: Guilford Publications.

7. Lyon, G.R. & Cutting, L.E. (1998). Treatment interventions for individuals with learning disabilities. In Mash, E.J. & Barkley, R.A. (eds.) *Treatment of Childhood Disorders*. (pp.468-98). New York: Guilford Press.

Selected Abstracts (since 2005):

1. Cutting, L.E. (2010, February). In S. Petrill (Chair) Towards a Biobehavioral Model of Reading. Symposium conducted at the *Pacific Coast Research Conference*.
2. Silverman, R., Speece, D.L., Harring, J., Ritchey, K.D. & Cutting, L.E. (2010, February). What is the role of fluency in the simple view of reading? Poster presented at the *Pacific Coast Research Conference*.
3. Peterson, D.J., Rimrodt, S.L. & Cutting, L.E. (2010, May). Differences in white matter fiber orientation in three clinical groups of children: Reading disability, NF-1 and reading disability and controls. Poster presented at the International Society of Magnetic Resonance in Medicine 20th Scientific Meeting and Exhibition.
4. Venkatadri, A., Rimrodt, S.L., Clements, A., Pugh, K.R. & Cutting, L.E. (2010, May). Single Word Reading in Reading Disability depends on Word Frequency. Poster presented at the *International Society of Magnetic Resonance in Medicine 20th Scientific Meeting and Exhibition*.
5. Goldberg, L. F., Eason, S. H., Ryan, M., & Cutting, L. E. (2010, June). Combining the simple view of reading with fluency, world knowledge, and reading strategies to predict reading comprehension. Poster presented at *American Academy of Clinical Neuropsychology*.
6. Sivapurapu-Pisupati, A., Stewart, R.A., Rimrodt, S.L., Eason, S.H., Young, K.M., Goldberg, L.F., Davis, N., Pugh, K.R. & Cutting, L.E. (2010, July). FMRI correlates of a dynamic measure of word learning in children [Abstract]. Presented at the 17th Annual Meeting of the *Society for the Scientific Study of Reading*.
7. Stewart, R., Pisupati, A., Ryan, M., Goldberg, L., Young, K., Eason, S., Rimrodt, S. & Cutting, L.E. (2010, July). Neural correlates of sentence type in adolescent readers [Abstract]. Presented at the 17th Annual Meeting of the *Society for the Scientific Study of Reading*.
8. Rimrodt, S.L., Lanham, D.C., Cutting, L.E. & Denckla, M.B. (2010, August). An MRSI study of Neurofibromatosis Type 1 and Reading Comprehension. Poster presented at the *Vanderbilt Kennedy Center Science Day*.

9. Eason, S.H., Geist, M., Goldberg, L.F. & Cutting, L.E. (2009, February). Reader-Text Interactions in Reading Comprehension. Poster presented at the 37th *International Neuropsychological Society* Annual Meeting.
10. Lanham, D.C., Rimrodt, S.L., Cutting, L.E., Denckla, M.B. & Barker, P.B. (2009, February). Neurochemical Correlates of Reading Disorders in Children. Poster presented at the 37th *International Neuropsychological Society* Annual Meeting.
11. Levine, T.M., Cole, C., Rimrodt, S.L., Abel, J.R. & Cutting, L.E. (2009, February). Preliminary Results of an Intensive Short-term Reading Intervention for Children with Reading Disabilities and Neurofibromatosis-Type 1 (NF-1). Poster presented at the 37th *International Neuropsychological Society* Annual Meeting.
12. Peterson, D.J., Ryan, M., Richardson, M., Rimrodt, S.L., Cutting, L.E. & Mahone, E.M. (2009, February). Diffusion Tensor Imaging of Children with Attention-Deficit-Hyperactivity Disorder. Poster presented at the 37th *International Neuropsychological Society* Annual Meeting.
13. Young, K.M., Levine, T.M., Gogolinski, T. & Cutting, L.E. (2009, February). Visuospatial Weaknesses in Children with Neurofibromatosis Type 1 (NF-1). Poster presented at the 37th *International Neuropsychological Society* Annual Meeting.
14. Joel, S.E., Rimrodt, S.L., Venkatadri, A., Caffo, B.S., Cutting, L.E. & Pekar, J.J. (2009, June). Altered Connectivity between Brain Networks in Reading Disability [Abstract]. Presented at the 15th Annual *Organization for Human Brain Mapping* Meeting.
15. Chodkowski, B., Rimrodt, S. & Cutting, L.E. (2008, February). Heterogeneity of Reading Difficulty in Adolescents. Poster presented at the 36th *International Neuropsychological Society* Annual Meeting.
16. Clements-Stephens, A., Levine, T., Young, K. & Cutting, L.E. (2008, February). Sex-based differences in the relative contributions of verbal, visuospatial, and motor processing to task performance [Abstract]. Presented at the 36th *International Neuropsychological Society* Annual Meeting.
17. Eason, S.H., Alberstadt, A., Sabatini, J., Bruce, K. & Cutting, L.E. (2008, February). Children with specific reading comprehension impairments: Deficits in contextual but not isolated word reading speed? Poster presented at the 36th *International Neuropsychological Society* Annual Meeting.
18. Gaur, P., Clements-Stephens, A.M., Carmichael, D.K. & Cutting, L.E. (2008, February). The neurobiology of single word reading in adolescents with varying

- degrees of reading ability. Poster presented at the 36th *International Neuropsychological Society* Annual Meeting.
19. Rimrodt, S.L., Venkatadri, A., Gaur, P., Clements-Stephens, A.M. & Cutting, L.E. (2008, February). Multi-modal sentence processing reveal common language networks. Poster presented at the 36th *International Neuropsychological Society*.
 20. Ryan, M., Cutting, L.E., Eason, S., Materek, A., & Mahone, E.M. (2008, February). Elithorn Mazes in Children: What does it Measure? Poster presented at the 36th *International Neuropsychological Society* Annual Meeting.
 21. Peterson, D.J., Landman, B.A. & Cutting, L.E. (2008, May). The Impact of Robust Tensor Estimation on Voxel-Wise Analysis of DTI Data. Poster presented at the 16th Annual Meeting of *International Magnetic Resonance in Medicine*.
 22. Peterson, D.J., Gaur, P., Rimrodt, S., Cutting, L.E. & Denckla, M. (2008, July). Diffusion Tensor Imaging of Children with Reading Disability. Poster presented at the 15th Annual Meeting for the *Scientific Study of Reading*.
 23. Peterson, D., Gaur, P., Rimrodt, S. & Cutting, L.E. (2008, November). Diffusion Tensor Imaging in Children with Neurofibromatosis Type 1 and Reading Disability [Abstract]. Presented at the *Child Neurology Society* Annual Meeting.
 24. Rimrodt, S., Venkatadri, A., Carmichael, D., Gaur, P., Clements-Stephens, A. & Cutting, L.E. (2008, November). Neurobiological Response to Word Processing in Young Adult Skilled and Impaired Readers [Abstract]. Presented at the *Child Neurology Society* Annual Meeting.
 25. Clements-Stephens, A.M., Gaur, P., Rimrodt, S.L. & Cutting, L.E. (2007, February). Sentence comprehension processing in adolescents and young adults. Presented at the 35th Annual *International Neuropsychological Society*, 13(S1), 137.
 26. Levine, T.M., Rimrodt, S.L. & Cutting, L.E. (2007, February). Reading Disability and Language Differences in Children with Neurofibromatosis Type 1. Poster presented at the 35th Annual *International Neuropsychological Society* Meeting.
 27. Li, J., Cutting, L.E., Materek, A., Prahme, C., Levine, T.M., Denckla, M.B. & Mahone, M. (2007, February). Pause time variability on rapid naming predicts reading fluency and comprehension in children without word reading difficulties. Poster presented at the 35th Annual *International Neuropsychological Society* Meeting.
 28. Materek, A., Levine, T.M. & Cutting, L.E. (2007, February). Differences in language, fluency and executive function amongst children with word reading

- deficits versus normal word reading/poor comprehension. Poster presented at the 35th Annual *International Neuropsychological Society Meeting*.
29. Rimrodt, S.L., Holley, S.R. & Cutting, L.E. (2007, February). Different skills contribute to reading comprehension depending on time-restriction. Presented at the 35th Annual *International Neuropsychological Society*, 13(S1), 140.
 30. Rimrodt, S.L., Venkatadri, A., Clements-Stephens, A.M. & Cutting, L.E. (2007, February). fMRI of reading comprehension in young adults with and without reading impairment. Presented at the 35th Annual *International Neuropsychological Society*, 13(S1), 140
 31. Clements-Stephens, A.M., Gaur, P., Materek, A. & Cutting, L.E. (2007, May). Learning novel words: An fMRI study examining modulations in activation related to word familiarity. Poster presented at the 14th Annual *Child Neurology Society Meeting*.
 32. Materek, A., Khizanishvili, A. & Cutting, L.E. (2007, May). Automaticity of word level skills in children with reading comprehension deficits. Poster presented at the 14th Annual *Child Neurology Society Meeting*.
 33. Abel, J.R., Rimrodt, S.L., Mohamed, M.A., Cutting, L.E. & Barker, P.B. (2006, February). Magnetic resonance spectroscopic imaging and NF-1: Correlates to cognitive function. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
 34. Clements, A., Abel, J.J., Rimrodt, S.L., Pekar, J.J. & Cutting, L.E. (2006, February). Developmental differences in the neural circuitry associated with sentence comprehension. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
 35. Clements, A.M., O'Donnell, M., Abel, J., Rimrodt, S., Pekar, J.J. & Cutting, L.E. (2006, February). Do sex differences in cerebral laterality exist in children on language and visuospatial tasks? Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
 36. Levine, T.M., Clements, A.M., Abel, J.R. & Cutting, L.E. (2006, February). Interrelationships between behavioral performance and neural mechanisms associated with different visuospatial tasks. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
 37. Materek, A.D., Cutting, L.E. & Abel, J.R. (2006, February). Analytical elements of syntactic processing in older children. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.

38. Rimrodt, S., Clements, A., Abel, J.R. & Cutting, L.E. (2006, February). fMRI of word frequency and words in sentential context in children with reading disability. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
39. Roeder, M., Mostofsky, S.H., Gidley-Larson, J.C., Cutting, L.E., Denckla, M.B. & Mahone, M. (2006, February). Right-left time differences on neuromotor examination in children. Poster presented at the 34th Annual *International Neuropsychological Society Meeting*.
40. Mohamed, M.A., Abel, J.R., Rimrodt, S.L., Cutting, L.E. & Barker, P.B. (2006, May). Proton MR Spectroscopic Imaging in Neurofibromatosis Type-1: Relationship to Neuropsychological Testing. Poster presented at the 16th Annual Scientific Meeting *International Society for Magnetic Resonance in Medicine*.
41. Chodkowski, B., Clements-Stephens, A.M., Rimrodt, S.L., Cutting, L.E. & Pekar, J.J. (2006, June). Exploring neural correlates of sentence comprehension: ICA Helps Distinguish “task activation” from “control deactivation.” Poster presented at the 12th Annual *Organization for Human Brain Mapping*.
42. Levine, T.M., Rimrodt, S.L., Clements, A.M. & Cutting, L.E. (2006, June). Relationship of reading and visuospatial measures in Neurofibromatosis Type 1. Poster presented at the 4th Annual *Conference of the American Academy of Clinical Neuropsychology*.
43. Cutting, L.E., Clements, A.M., Schafer, J., Pekar, J.J., Mostofsky, S.H. & Denckla, M.B. (2005, February). fMRI of the Judgment of Line Orientation in Neurofibromatosis Type-1 (NF-1), RD, and Control Groups: Preliminary Findings. Poster presented at the 33rd Annual Meeting of the *International Neuropsychological Society Meeting*.
44. Clements, A., Cutting, L.E., Schafer, J., Pekar, J.J. & Mostofsky, S.H. (2005, February). Developmental Differences in the Neural Mechanisms Associated with the Judgment of Line Orientation. Poster presented at the 33rd Annual *International Neuropsychological Society Meeting*.
45. Mahone, M., Larson, J., Mostofsky, S.H., Goldberg, M.C., Cutting, L.E. & Denckla, M.B. (2005, February). Gender Differences on Neuromotor Examination in Typically Developing Children based on Stewart. Poster presented at the 33rd Annual Meeting of the *International Neuropsychological Society*.
46. Rimrodt, S.L., Lightman, A., Abel, J.R., Denckla, M.B. & Cutting, L.E. (2005, February). Reading Comprehension in Spite of Normal Word Reading Accuracy: A Matter of Reading Speed? Poster presented at the 33rd Annual *International Neuropsychological Society Meeting*.

47. Rimrodt, S.L., Lightman, A., Roberts, L., Denckla, M.B. & Cutting L.E. (2005, February). Are all tests of reading comprehension the same? Poster presented at the 33rd Annual *International Neuropsychological Society Meeting*.
48. Rimrodt, S.L., Clements, A.M., Abel, A., Keller, J., Pugh, K. & Cutting, L.E. (2005, June). fMRI of auditory and visual sentence processing in children [Abstract]. Presented at the 11th Annual *Organization of Human Brain Mapping meeting*.

Extramural Sponsorship:

R01HD067254 (PI: L. Cutting) Period: 09/28/10 – 07/31/15
NIH / NICHD **Amount: \$3,091,495**

Predicting Late-Emerging RD: Neurobiological and Cognitive Factors

The purpose of this research grant is to gain a deeper understanding of the cognitive and neurobiological characteristics as well as prediction of late emerging reading disabilities.
Role: PI

R01 NS049096 (PI: L. Cutting) Period: 04/01/06 – 01/31/11
NIH / NINDS **Amount Yrs 4&5: \$615,152**

Neurobiology and Treatment of Reading Disability in NF-1

The purpose of this research grant is to gain a deeper understanding of the characteristics and treatment of reading disabilities in children with NF1.
Role: PI

2R01 HD044073 (PI: L. Cutting) Period: 09/01/09 – 07/31/14
NIH / NICHD **Amount: \$2,779,785**

Cognitive and Neural Processes in Reading Comprehension

The purpose of this grant is to determine the cognitive and neural correlates of children who have specific deficits in reading comprehension.
Role: PI

T32 MH064913 (PI: M.T. Wallace) Period: 07/01/06 – 06/30/11
NIH / NIMH

Training in Fundamental Neuroscience

The purpose of this grant is to support the training of Ph.D. students in the basic and cognitive neurosciences.
Role: Training Faculty

1 P50 HD052121 (PI: M. Denckla) Period: 09/29/06 – 07/31/11
NIH / NICHD

Reading Disability in Grades 3-8: Neurocognitive Factors

RFA: RFA-HD-04-027 LDRC: Multidisciplinary Research Centers

The purpose of this program project focuses on trying to understand the behavioral and neurobiological correlates, as well as the prevalence of different types of reading disabilities in older children.

Role: PI of Project I

R01 HD38075 (PI: S. Petrill)
NIH / NICHD

Period: 11/01/06 – 03/31/11

Environmental Influences on Early Reading: A Twin Study

The goal of this project is to conduct a systematic developmental genetic examination of reading comprehension using a representative sample of 350 same-sex twin pairs.

Role: Co-Investigator/Consultant

U.S. Department of Education (PI: D. Speece)

Preparation of Leadership Personnel in Learning Disabilities (LD): Integrating Language, Literacy, and Cognitive Neuroscience

The purpose of this grant is to train new scholars in the intersection of language, literacy, and cognitive neuroscience.

Role: Consultant

Completed:

R01 HD044073 (PI: L. Cutting)
NIH / NICHD

Period: 04/01/03 – 09/1/09

Cognitive and Neural Processes in Reading Comprehension

The purpose of this grant is to determine the cognitive and neural correlates of children who have specific deficits in reading comprehension.

Role: PI

(PI: L. Cutting)

Period: 01/01/09 – 12/31/09

Van Pelt Foundation

Anatomical Correlates of Subtypes of Reading Disability

The purpose of this study is to investigate the structural white and gray matter volumes of various subtypes of reading disabilities.

Role: PI

(PI: L. Cutting)

Period: 06/16/08 – 05/15/09

The Foundation for Maryland's Future
& The Commonweal Foundation

Development of Executive Function Interventions

The purpose of this pilot study is to develop interventions for executive function disorders.

Role: PI

(PI: L. Cutting)

Period: 06/21/07 – 06/20/09

The Foundation for Maryland's Future & the Commonweal Foundation

“Neurobiological Sex Differences in Cognition: Applications to Learning and Education”

The purpose of this pilot study is to investigate sex differences in cognition and how those differences may relate to various educational outcomes.

Role: PI

ACLD Foundation (PI: L. Cutting, Ph.D.) Period: 08/01/05 – 07/31/06

Intervention for Children with Specific Reading Comprehension Deficits

Role: PI

(PI: J. Sabatini, Ph.D.) Period: 5/1/2004 – 4/30/2007

Institute for Educational Sciences

Developing Reading Comprehension Assessments Targeting Struggling Readers

Role: Consultant

H32FO40001 (PI: C. Calahan) Period: 10/01/04 – 09/30/09

U.S. Dept. of Education

Developing Accessible and Valid Reading Assessments: A Research-Based Solution

The purpose of this grant is to develop valid and accessible reading assessments for students with learning disabilities.

Role: Co-Investigator

ACLD Foundation (PI: L. Cutting, Ph.D.) Period: 05/01/03 - 04/30/04

Validity of Double-Deficit Subtypes: A Pilot Study

Role: PI

5 R01 HD046130 (PI: H. Scarborough) Period: 10/01/03 – 07/31/09

NIH / NICHD

Adolescent Reading Programs: Behavioral and Neural Effects

The purpose of this grant is to determine the effective treatment of reading disabilities in adolescents, using both behavioral and neuroimaging methodologies.

Role: Co-Investigator

GCRC (PI: L. Cutting, Ph.D.) Period: 07/01/02 - 06/30/04

Mental Wellness Foundation and National Institutes of Health, National Center for Research Resources, through John Hopkins

Language and EF Factors in Reading Comprehension in RD

The purpose of this study was to examine the neuropsychological profiles (oral language and executive function) as well as neurobiological profiles (using fMRI) in children with various reading profiles.

Role: PI

DAMD 17-01-1-0713 (PI: P. Barker, Ph.D.) Period: 07/01/01 - 06/30/04

D.O.D Neurofibromatosis Research Program, US Army Medical Research Materiel Command

Proton MR Spectroscopic Imaging in NF1

The purpose of this four year grant was to examine absolute metabolic concentrations in children and adolescents with NF-1 in various brain regions (e.g., thalamus, cerebellum, caudate).

Role: Co-Investigator

NF 990044 (PI: L. Cutting, Ph.D.) Period: 10/01/00 - 02/28/05

D.O.D Neurofibromatosis Research Program, US Army Medical Research Material Command

Magnetic Resonance Spectroscopy Imaging and Functional Magnetic Resonance Imaging of Neurofibromatosis Type 1: In Vivo Pathophysiology, Brain-Behavior Relationships, and Reading Disabilities

The purpose of this four year grant was to investigate the cognitive and neurobiological profile of children with Neurofibromatosis Type 1 as compared to children with Reading Disabilities.

Role: PI

Dana Foundation (PI: W. Kaufmann, M.D.)

White matter and connectivity abnormalities in learning disabilities: evaluation by diffusion tensor imaging

Role: Co-investigator

P50 NS3359 (PI: M. Denckla, M.D.)

Period: 08/01/99 - 06/30/01

National Institutes of Health (NINDS),

Neurodevelopmental Pathways to Learning Disabilities

Role: Co-investigator

EDUCATIONAL ACTIVITIES

Teaching:

Instructor, Instructional Principles & Procedures in Reading for Students with Disabilities Vanderbilt University	Fall 2010
Lecturer, History and Context of Learning Disabilities University of Maryland, College Park	Fall 2005
Lecturer, Advance Diagnosis and Assessment of Reading Johns Hopkins University	2003-2004
Instructor, Advanced Diagnosis and Assessment of Reading Johns Hopkins University	Fall 2002
Core Course Curriculum Kennedy Krieger Institute	2001-2006
Lecturer, Reading and the Brain Johns Hopkins University	2001-2005

Neuropsychology Seminar Series
Kennedy Krieger Institute

2000-2008

Mentorship:

Master's Students (Current)

James Street
Sabrina Benedict
Shelley Cheek

Doctoral Students (Current)

Lindsay Wilson
Laura Barquero
Qiuyun Fan
Amy Clements, Johns Hopkins University

Thesis Committees:

Dilip David, Loyola University, Psychology – Reading Disabilities in Abused Children, 2003

Nicky Dietz, Georgetown School of Medicine, Cognitive Neuroscience – Phonological Processing Studied with Functional Magnetic Resonance Imaging, 2004

Postdoctoral Students and Faculty:

Raj Stewart, Ph.D., Johns Hopkins School of Medicine, Primary Mentor to Post-Doctoral Diversity Supplement to NIH P50 HD052121 (Cognitive and Neural Processes in Reading Comprehension)

Sheryl Rimrodt, M.D., Primary Mentor to NIH K08-HD060850-01A1 (Dyslexia in Post-Secondary Students: Imaging of Neural Circuits and Learning)

Sheryl Rimrodt, M.D., Primary Mentor to Faculty Diversity Supplement to NIH R01-HD044073 (Cognitive and Neural Processes in Reading Comprehension)

Other:

Training Faculty, Vanderbilt Neuroscience Training Program, Vanderbilt Brain Institute

Editorial Activities:

Learning Disabilities Research and Practice (Editorial Board)

Annals of Dyslexia (Editorial Board)

Developmental Neuropsychology (Manuscript Reviewer)

Journal of the International Neuropsychological Society (Manuscript Reviewer)

American Journal of Medical Genetics (Manuscript Reviewer)

Neuropsychologica (Manuscript Reviewer)

Scientific Studies of Reading (Manuscript Reviewer)

Cognitive and Behavioral Neurology (Manuscript Reviewer)
Cognitive Neuropsychology (Manuscript Reviewer)
Journal of Speech, Language, and Hearing Research (Manuscript Reviewer)
Journal of Educational Psychology (Manuscript Reviewer)
Journal of Learning Disabilities (Manuscript Reviewer)
Journal of Clinical Child and Adolescent Psychology (Manuscript Reviewer)
Journal of Abnormal Psychology (Manuscript Reviewer)
Neuroimage (Manuscript Reviewer)
Applied Psycholinguistics (Manuscript Reviewer)
Brain Research (Manuscript Reviewer)
European Journal of Paediatric Neurology (Manuscript Reviewer)
Neuropsychology (Manuscript Reviewer)
Child Neuropsychology (Manuscript Reviewer)
Brain (Manuscript Reviewer)
Journal of Research in Reading (Manuscript Reviewer)
Human Brain Mapping (Manuscript Reviewer)
Journal of Child Neuropsychology (Manuscript Reviewer)
Journal of Child Psychology and Psychiatry (Manuscript Reviewer)

Guest Editor of Special Issue “Genetic Disorders and Learning Disabilities”, *Learning Disabilities Research and Practice*

Guest Editor of Special Issue “Learning Disabilities in English Language Learners”, *Learning Disabilities Research and Practice*

CLINICAL ACTIVITIES

1999-2009

Developmental Cognitive Neurology
Kennedy Krieger Institute

Evaluation and treatment of children
with Learning Disabilities and
Attention Deficit Hyperactivity Disorder

ORGANIZATIONAL ACTIVITIES

Grant Review Committees:

Ad Hoc Reviewer

NIH/NICHD, P01 Special Emphasis Panel,
October 2007

Ad Hoc Reviewer

NIH/NICHD, P01 Special Emphasis Panel, April
2005

Ad Hoc Reviewer

NIH/NIMH BSTART (Behavioral Science Track
Award for Rapid Transition), grant reviewer,
May 2005

August 2003 through present	Member, Scientific Advisory Council Jemicy School Baltimore, MD
January 2002 through 2009	<i>Reading First</i> Internal Committee Maryland State Department of Education
March 2001 through August 2002	Member, Advisory Committee Cognitive Behavioral Remediation Program for Children with Lead Poisoning
June 2001 through June 2003	Member, Advisory Board Center for Reading Excellence Johns Hopkins University, Kennedy Krieger Institute, and Maryland State Department of Education
August 2000 through 2009	Advisory Committee General Clinical Research Centers Johns Hopkins School of Medicine

RECOGNITION

Awards, Honors:

2005	White House Fellow 2005-2006 Regional Finalist
2001	Invited to be a member of the International Academy for Research in Learning Disabilities
1997	Council for Exceptional Children - Division of Learning Disabilities Dissertation of the Year Award, Minneapolis, MN
1994-1997	Full tuition scholarship and teaching assistantship awarded by Northwestern University, Evanston, IL
1993-1994	Partial tuition scholarship and teaching assistantship awarded by Northwestern University, Evanston, IL
1993	Awarded Departmental Honors, American University, Washington, DC
1993	Bachelor of Arts awarded with honors (<i>Cum Laude</i>), American University, Washington, DC
1992	Elected to Golden Key Honors Society, American University, Washington, DC

Invited Talks, Panels:

Title: *Reading Comprehension: Bottom Up and Top Down Factors*
Date: February 17, 2010
Conference: Learning Disabilities Association
Location: Baltimore, MD

Title: *Reading Development and Disabilities*
Date: April 7, 2010
Conference: NSSHLA
Location: Boston, MA

Title: *Reading Comprehension*
Date: April 9, 2010
Conference: Landmark College
Location: Putney, VT

Title: *Educational Neuroscience: Reading Development as an Exemplar*
Date: April 22, 2010
Conference: Vanderbilt University Board of Trustees Annual Meeting
Location: Nashville, TN

Title: *Reading Disabilities: Cognitive and Neurobiological Linkages*
Date: September 8, 2010
Conference: Vanderbilt Kennedy Center Developmental Disabilities Grand Rounds
Location: Nashville, TN

Title: *Reading Comprehension: The Plot Thickens for Middle School Students*
Date: October 16, 2009
Conference: The Dyslexia Foundation
Location: Cambridge, MA

Title: *Reading Comprehension*
Date: October 24, 2009
Conference: The Summit School
Location: Edgewater, MD

Title: *Approaches to Selecting and Validating Assessments of Reading Disability*
Date: April 15, 2008
Conference: IES/ETS Reading Comprehension Assessment Conference

Location: Princeton, NJ

Title: *Can Taking a Cheap and Easy Route Get the Job Done? Using Quick Group Tests to Screen for Reading Disability*

Date: April 16, 2008

Conference: IES/ETS Reading Comprehension Assessment Conference

Location: Princeton, NJ

Title: *Neurobiological Correlates of Reading Comprehension*

Date: June 4, 2008

Conference: Kirby Center Annual Retreat

Location: Baltimore, MD

Title: *Neurobiological Correlates of Reading Comprehension*

Date: June 6, 2008

Conference: Johns Hopkins University Neuroeducation Conference

Location: Baltimore, MD

Title: *Reading Development and Disabilities*

Date: November 6, 2008

Conference: Emily Hall Tremain Foundation

Location: Baltimore, MD

Title: *Issues and Challenges in Adolescent Literacy*

Date: February 10, 2007

Conference: Southwest Branch of International Dyslexia Association

Location: Albuquerque, NM

Title: *Beyond Decoding: Cognitive and and Neurobiological Processes in Reading Comprehension*

Date: February 10, 2007

Conference: Southwest Branch of International Dyslexia Association

Location: Albuquerque, NM

Title: *Executive Function and the Adolescent Brain*

Date: April 13, 2007

Conference: Jemicy Advocacy Day

Location: Baltimore, MD

Title: *Neurobiological Bases for Reading: Implications for Adolescent Literacy*

Date: May 8, 2007

Conference: JHU Education Conference

Location: Baltimore, MD

Title: *Center for the Study of Reading Development*

Date: June 12, 2007
Conference: Kennedy Krieger Institute Grand Rounds
Location: Baltimore, MD

Title: *Reading Comprehension: Cognition and Neuroimaging*
Date: June 23, 2007
Conference: The Dyslexia Foundation
Location: Sao Paulo, Brazil

Title: *Center for the Study of Reading Development*
Date: June 23, 2007
Conference: The International Dyslexia Association
Location: Dallas, TX

Title: *Reading Comprehension Assessment*
Date: June 23, 2007
Conference: The International Dyslexia Association
Location: Dallas, TX

Title: *Reading disorders and the Role of Language and Executive Function*
Date: February 15, 2006
Conference: Lab School of Baltimore
Location: Baltimore, MD

Title: *Issues and Challenges in Adolescent Literacy*
Date: February 25, 2006
Conference: Oregon Branch of the International Dyslexia Association
Location: Portland, OR

Title: *Beyond Decoding: Cognitive and Neurobiological Processes in Reading Comprehension*
Date: February 25, 2006
Conference: Oregon Branch of the International Dyslexia Association
Location: Portland, OR

Title: *Examining Sources of Poor Reading Comprehension in Older Readers: Preliminary Findings, Issues, and Challenges*
Date: March 24, 2006
Conference: Florida Center for Reading Research Annual Conference
Location: St. Petersburg, FL

Title: *Reading Research Update: From Preschool to Adolescent Literacy*
Date: March 31, 2006

Conference: Training & Instructional Media Resources Special
Kennedy Krieger Institute
Location: Baltimore, MD

Title: *Reading Disorders and Attention-Deficit/Hyperactivity Disorder: The Educational Impact*
Date: April 13, 2006
Conference: Kennedy Krieger Institute
Location: Baltimore, MD

Title: *New Directions and Findings in Reading Research*
Date: April 28, 2006
Conference: Maryland Branch of the International Dyslexia Association
Location: Baltimore, MD

Title: *Cognitive and Neurobiological Processes in Reading Comprehension in Good and Poor Readers*
Date: November 9, 2006
Conference: Learning and the Brain Conference
Location: Boston, MA

Title: *Sex Differences in Visuospatial and Language Processing*
Date: November 9, 2006
Conference: Learning and the Brain Conference
Location: Boston, MA

Title: Discussant, *Reading and Mental Retardation*
Date: March 18, 2005
Conference: 2005 Gatlinburg Conference for MR/DD
Location: Annapolis, MD

Title: *Research and Brain Basics for Understanding Reading Research*
Date: April 30, 2005
Conference: Maryland Branch of the International Dyslexia Association
Location: Ocean City, MD

Title: Panelist, *Reading Remediation Programs: A Scientific Perspective*
Date: July 21, 2005
Conference: International Dyslexia Association Special Conference
Research to Practice: Advances in Reading and Literacy
Location: Washington, DC

Title: *Cognitive and Neural Processes in Reading*
Date: October 29, 2005

Conference: Anne Arundel Reading Council
 Location: Severna Park, MD

Title: *Cognitive and Neural Processes in Reading Comprehension*
 Date: November 12, 2005
 Conference: Adolescent Literacy Research Network Invited
 Symposium: International Dyslexia Association Conference
 Location: Denver, CO

Title: *Reading and Learning Disabilities*
 Date: November 29, 2005
 Conference: National Center for Learning Disabilities
 Location: New York, NY

Title: *Innovative Directions and Interventions for Learning Disabilities*
 Date: December 7, 2005
 Conference: Kennedy Krieger Institute Board Meeting
 Location: Baltimore, MD

Title: *Beyond Decoding: Cognitive and Neurobiological Processes in Reading Comprehension*
 Date: March 12, 2004
 Conference: Lindamood Bell International Conference
 Location: Anaheim, CA

Title: *Reading Disorders: Lessons Learned from Neuroscience and Their Application to Other Complex Learning Disorders*
 Date: March 29, 2004
 Conference: The Spectrum of Developmental Disabilities XXVI
 Location: Johns Hopkins School of Medicine, Baltimore, MD

Title: *Adolescent Literacy Research Programs*
 Date: March 30, 2004
 Conference: Presentation to the Board Members of the Maryland State Department of Education
 Location: Baltimore, MD

Title: *Beyond Decoding: Cognitive and Neurobiological Processes in Reading Comprehension*
 Date: May 8, 2004
 Conference: Maryland Branch of the International Dyslexia Association
 Location: Hood College, Frederick, MD

Title: *Cognitive and Neural Correlates of Reading Disabilities*
Date: June 2, 2004
Conference: American Association of Mental Retardation Annual Meeting
Location: Philadelphia, PA

Title: *Maryland Flexner Panel Initiative*
Date: June 9, 2004
Conference: Maryland Partnership for Teaching and Learning K-16
Location: Baltimore, MD

Title: *Remediating the Dysexecutive Issues in Reading Comprehension and Written Expression*
Date: October 21, 2004
Conference: "Understanding and Treating ADHD in Girls: Clinical, Social, and Educational Aspects." Symposium sponsored by the Jewish Social Services Agency
Location: Chevy Chase, MD

Title: *Reading Comprehension: What is it? How do we test it?*
Date: October 22, 2004
Conference: Lab School of Washington 9th Annual Scientific Conference
Location: Washington, DC

Title: *Cognition and Learning in NF-1*
Date: November 6, 2004
Conference: Informational Meeting for Individuals with NF
Location: Baltimore, MD

Title: *Cognitive and Neurobiological Processes in Reading*
Date: November 19, 2004
Conference: Anne Arundel County Psychological Association
Location: Annapolis, MD

Title: *Center for Reading Excellence: Educational Research at the Kennedy Krieger Institute*
Date: February 13, 2003
Conference: Center for Reading Excellence Advisory Board Meeting
Location: Baltimore, MD

Title: *Reading and Language Disabilities in NF-1*
Date: June 8, 2003
Conference: NF, Inc
Location: Silver Spring, MD

Title: *Cognitive Profile of NF-1*
Date: June 10, 2003
Conference: Mental Retardation and Developmental Disabilities
Research Center Conference
Location: Baltimore, MD

Title: *Relationship Between Research and Science Policy*
Date: June 24, 2003
Conference: Center for Learning Pediatric Series, Georgetown
University
Location: Washington, DC

Title: *Learning Difficulties and Neurofibromatosis Type 1*
Date: August 28, 2003
Location: Solomon's Island, MD

Title: *Learning Disabilities in Patients with Neurofibromatosis
Type 1*
Date: September 10, 2003
Conference: Neurofibromatosis and Turberous Sclerosis: State of the
Art and Future Directions
Location: Children's Hospital of Pittsburgh
University of Pittsburgh School of Medicine
Pittsburgh, PA

Title: *Educational Research at the Kennedy Krieger Institute:
Current Developments and Collaborations*
Date: November 24, 2003
Conference: Kennedy Krieger Institute Board of Education
Location: Baltimore, MD

Title: *Interdisciplinary Research: Future Directions in
Education at the Kennedy Krieger Institute*
Date: March 7, 2002
Conference: Kennedy Krieger Institute Board / Education and
Community Programs Committee
Location: Kennedy Krieger Institute, Baltimore, MD

Title: *Role of Rapid Automatized Naming in Attention Deficit
Hyperactivity Disorder and Reading*
Date: May 4, 2002
Conference: DC Branch of the International Dyslexia Association
Location: Arlington, VA

Title: *Reading Acquisition for Early Learning*
Date: July 26, 2002

Conference: Maryland State Department of Education Literacy
 Conference
 Location: Adelphi, MD

Title: *Reading Development in Elementary School*
 Date: August 26, 2002
 Conference: St Abraham Church Learning Series
 Location: Baltimore, MD

Title: *Reading Disorders: Current Understandings and Research*
 Date: September 30, 2002
 Conference: Center for Learning and Development Retreat
 Location: Baltimore, MD

Title: *Rapid Automatized Naming and Reading*
 Date: October 7, 2002
 Conference: Maryland Branch of the International Dyslexia Association
 Location: Towson, MD

Title: *Reading and Language Disabilities in NF-1*
 Date: October 14, 2002
 Conference: The American Society of Human Genetics
 Location: Baltimore, MD

Title: *Neurofibromatosis Type 1 and Reading Difficulties*
 Date: March 24, 2001
 Conference: NF, Inc Conference
 Location: Mount Washington Pediatric Hospital, Baltimore, MD

Title: *Learning Disabilities and Attention Deficit Hyperactivity
 Disorder: Not-so-Separable Disorders*
 Date: March 29, 2001
 Conference: Developmental-Behavioral Pediatrics Fellowship Meeting
 Location: Johns Hopkins School of Medicine, Baltimore, MD

Title: *What Neurofibromatosis Type 1 Reveals about Reading
 Disabilities*
 Date: March 31, 2001
 Conference: Spring Conference
 Location: Northwestern University, Evanston, IL

Title: *The Kennedy Krieger Institute and the Center for Reading
 Excellence: A presentation for the Maryland State
 Department of Education*
 Date: November 26, 2001

Conference: Conference Organized for Maryland State Department of
Education
Location: Baltimore, MD

Title: *The Role of Naming Speed in Reading and Reading
Disabilities*

Date: December 4, 2001
Conference: Chesapeake Academy
Location: Arnold, MD

Title: *Evidence for Brain Origins for Learning Difficulties*
Date: March 24, 2000
Conference: Center for Reading Excellence Reading Colloquium
Location: Johns Hopkins University, Baltimore, MD

Title: *Attention Deficit Hyperactivity Disorder and Reading
Disabilities: The Role of Naming Speed*

Date: April 7, 2000
Conference: Maryland Branches of the International Dyslexia
Association / American Speech and Language Association
Joint Conference
Location: Towson, MD

OTHER PROFESSIONAL ACCOMPLISHMENTS

Participation in State-level and Federal-level policy initiatives regarding teacher training