

CURRICULUM VITAE
Laurence Mark Hirshberg

The NeuroDevelopment Center
245 Waterman Street, Suite 200
Providence, RI 02906
Phone: (401) 351-7779
Fax: (401) 351-8188

EDUCATION

Undergraduate: Hampshire College
Amherst, Massachusetts
B.A. in Social Theory - 1978

Graduate: State University of New York at Stony Brook
Stony Brook, New York
M.A. in Philosophy - 1980

University of Michigan
Ann Arbor, Michigan
Ph.D. in Clinical Psychology - 1987

Internship: University of Michigan
Ann Arbor, Michigan

POSTGRADUATE TRAINING

Fellowship: Fellow in Early Childhood Disorders
E. P. Bradley Hospital
Department of Psychiatry & Human Behavior
Brown University
September 1987 - July 1989

POSTGRADUATE HONORS AND AWARDS

July 1988 Fellow: National Center for Clinical Infant Programs
Washington, D.C.

PROFESSIONAL LICENSURE

Rhode Island Licensed Psychologist: #PS-369
Massachusetts LICD Licensed Psychologist #306660
Certified Health Service Provider in Psychology: The National Register of Health Service
Providers

ACADEMIC APPOINTMENTS

December 1990 Clinical Assistant Professor
to present Department of Psychiatry and Human Behavior
Brown University

CLINICAL APPOINTMENTS

June 2001 to present	Director The NeuroDevelopment Center
July 1992 to 1994	Director Infant Behavior Clinic Rhode Island Hospital Providence, Rhode Island
July 1989 to July 1991	Assistant Chief Charles Bradley Program for Early Childhood Disorders E.P. Bradley Hospital East Providence, Rhode Island
July 1989 to December 1992.	Research Associate Rhode Island Hospital Providence, Rhode Island
August 1986 - July, 1987	Staff Psychologist Family and Law Program Child and Adolescent Psychiatric Hospital University of Michigan

MEMBERSHIP IN SOCIETIES

American Psychological Association
International Society for Neurofeedback and Research

ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

Hirshberg, L. (2007). Place of electroencephalographic biofeedback for attention-deficit/hyperactivity disorder, *Expert Rev Neurotherapeutics*, 7(4), 315-319.

Hirshberg, L., & Svejda, M. (1990). When infants look to their parents, Part I: Infants' emotional referencing of mothers and fathers: A comparative study. *Child Development* **61**, 1175-1186.

Hirshberg, L. (1990). When infants look to their parents, Part II: Twelve month olds' response to conflicting parental emotional signals. *Child Development*, **61**, 1187-1191.

Hirshberg, L. (1989). Rorschach images of symbiosis and separation in eating disordered and in borderline and non-borderline subjects. *Psychoanalytic Psychology*, 1989, 6(4), 475-493.

Hirshberg, L. (1989). Remembering: Construction or reproduction? *Psychoanalysis and Contemporary Science*.

Stoeckel, L, Garrison, M, Ghosh, S, Wighton, P, Hanlon C, Gilman J, Greer, S, Turk-Browne, N, deBettencourt, T, Scheinost, Craddock, C, Thompson, T, Calderon,V, Bauer, C, George, M, Breiter,H, Whitfield-Gabrieli,S, Gabrieli, J, LaConte,S, Hirshberg, L, Brewer,J, Hampson,M, Van Der Kouwe,A, Mackey, S, and Evins, A. (2014) Optimizing real time fMRI neurofeedback for therapeutic discovery and development. *Neuroimage Clin*. **5**: 245-255.

Zeanah CH, Benoit D, Barton MA, Hirshberg L, Regan C, and Lipsitt L. (1992). Representations of attachment in

mothers and their one year old infants. Journal of the American Academy of Child and Adolescent Psychiatry, **32**, 278-286.

Zeanah, C. H., Benoit, D., Hirshberg, L., Barton, M. L., & Regan, C. (1994). Mothers' representations of their infants are concordant with infant attachment classifications. Developmental Issues in Psychiatry and Psychology, *1*, 9-18.

Zeanah, C. H., Danis, B., Hirshberg, L., Benoit, D., Miller, D., & Scott Heller, S. (1999). Disorganized attachment associated with partner violence: A research note. Infant Mental Health Journal, *20*(1), 77-86.

Zeanah, C. H., Danis, B., Hirshberg, L., & Dietz, L. (1995). Initial adaptation in mothers and fathers following perinatal loss. Infant Mental Health Journal, *16*(2), 80-93.

BOOK AND BOOK CHAPTERS

Hirshberg, L., Chiu, S., and Frazier, J. Eds. (2005) Emerging interventions. Child and adolescent psychiatric clinics of North America. Elsevier.

Hirshberg, L., Chiu, S. and Frazier, J. (2005). Emerging brain-based interventions for children and adolescents: Overview and clinical perspective. Child and adolescent psychiatric clinics of North America. Elsevier.

Hirshberg, L. (1998). Infant mental health consultation to early intervention programs. Invited chapter for Zero to Three, Vol 18, No.3, 19-23.

Hirshberg, L. (1996). Assessing the infant and family in the clinical interview. Invited chapter for S. Meisels and E. Fenichel (Eds.) New Directions in Infant Assessment, Zero to Three.

Hirshberg, L. (1996). History-making, not history-taking: clinical interviews with infants and their families. New visions for the developmental assessment of infants and young children. Washington, DC: Zero to Three: The National Center for Infants, Toddlers, and Families, 85-124.

Hirshberg, L. (1993). The clinical interview of the infant and family. Invited chapter for CH. Zeanah (Ed.) The Infant Mental Health Handbook, Guilford Press.

Coben, R, Chabot, R, Hirshberg, L. (2013) EEG Analyses in the Assessment of Autistic Disorders, Imaging the Brain in Autism, pp 349-370. Springer.

PRESENTATIONS

Hirshberg, L, Chabot, R, and Coben, R: (2006) Quantitative EEG characteristics of Asperger's Disorder Compared to ADHD. Paper presented at the annual meeting of the International society for Neuronal Regulation., Atlanta, GA.

Hirshberg, L. (2006) EEG biofeedback: Applied neuroscience for adolescent depression. Invited presentation for The International Society for Affective Disorders 3rd Biennial Conference, Lisbon, Portugal.

Hirshberg, L. (2006). Evidence based treatment: The scientific foundation for EEG biofeedback for ADHD. Paper presented in a symposium at the Annual Convention of the American Psychiatric Association, Toronto, Canada.

Hirshberg, L. (2005) EEG biofeedback for ADHD: The state of the research literature. An invited presentation to the Rhode Island Clinical Neuroscience Society. Providence, RI.

- Hirshberg, L. (2005). Wanting to connect: Increasing Social Motivation in ASD. An invited presentation for mental health professionals sponsored by FEAT-RI. (Families for Effective Autism Treatment)
- Hirshberg, L. (2005). A different mind, a different brain, a different job: Working effectively with individuals with Asperger's disorder. An invited presentation for mental health professionals sponsored by The Providence Center, Providence Community Mental Health Center.
- Hirshberg, L. (2004). Empirical validation of EEG biofeedback. Presentation as part of a workshop on EEG biofeedback in psychiatric practice given at the Annual Convention of the American Psychiatric Association, NY, NY.
- Hirshberg, L. (2003). EEG biofeedback in behavioral medicine. An invited presentation for the 15th International Conference on The Psychology of Health, Immunity, and Disease of the National Institute for the Clinical Application of Behavioral Medicine, Hilton Head, SC.
- Hirshberg, L. (2003). EEG biofeedback for neuropsychiatric disorders of childhood and adolescence. Grand Rounds, Division of Child and Adolescent Psychiatry, Brown Medical School. East Providence, RI.
- Hirshberg, L. (2003). Educational programming for children with autistic spectrum disorder: Meeting the challenges. Day-long in-service training workshop presented for Project ERR, a regional educational training collaborative, Mansfield, MA
- Hirshberg, L. (2003). EEG biofeedback with autistic spectrum disorder: Outlook from an open case series. Presented at the annual conference of the International Society for Neuronal Regulation, Houston, TX. .
- Hirshberg, L. (2002). Coping with anxiety in autistic spectrum disorders. Keynote for 12th annual conference of Community Resources for People with Autism. Holyoke, MA.
- Hirshberg, L. (2002). Quantitative EEG and EEG Biofeedback for Autistic Spectrum Disorders. Presented for Community Autism Resources, Plymouth, MA.
- Hirshberg, L. (2002). Quantitative EEG and EEG Biofeedback for Autistic Spectrum Disorders. Presented for Asperger's Association of New England, Providence, RI.
- Hirshberg, L. (2002). Coping with anxiety in autistic spectrum disorders. Invited presentation for Community Autism Resources. Fall River, MA.
- Hirshberg, L. (1997). Assessing social and emotional development in young children. A training workshop of special education professionals sponsored by the Rhode Island Department of Education, Providence, RI.
- Hirshberg, L. (1996). Attachment disturbances in infancy: recognition and intervention. A day long inservice training seminar for The Children's Trust Fund (Massachusetts) and The Greater Fall River Early Intervention Program, Fall River, MA.
- Hirshberg, L. (1990). Patterns of coping with conflict in infancy. Chair and presenter in symposium on Conflict in infancy and Early Childhood at the Sixth Biennial Meeting of the International Conference on Infant Studies, Montreal, Canada.
- Hirshberg, L. (1989). Contemporary approaches to infant-parent psychotherapy. Chair of a symposium at the Biennial National Training Institute of the National Center for Clinical Infant Programs, Washington, D.C.
- Hirshberg, L. (1989). The terrible and exacting detail in infant-parent psychotherapy. Paper presented in a symposium at the annual meetings of the American Academy of Child and Adolescent Psychiatry, New York, New York.

Hirshberg, L. (1989). The father-infant relationship and the infant's sense of self. Paper presented at the Annual Spring Meeting of the American Psychological Association, Division of Psychoanalysis, Boston, MA.

Hirshberg, L. (1989). Familial risk factors and infant patterns of coping with conflict. Paper presented at the 3rd Biennial Meeting of the International Association for Infant Mental Health, Providence, RI.

Hirshberg, L. (1989). Patterns of coping with conflict in infancy: 12 month olds' response to conflicting parental emotional signals. Paper presented at the Biennial Meeting of the International Conference on Infant Studies, Washington, DC.

Hirshberg, L. (1987). Infants emotional referencing of mothers and fathers: A comparative study. Paper presented at the Annual Meetings of the American Academy of Child and Adolescent Psychiatry, Washington, DC.

Hirshberg, L. (1987). Between reproduction and construction: A middle way in memory theory. Chair and presenter in a symposium on memory at the Annual Convention of the American Psychological Association, New York.

Hirshberg, L., Barton, M., and Maher, S. (1993). Understanding the behavioral, social, and emotional disorders of early childhood. Day-long clinic presented at the 1993 Expanded New England Kindergarten Conference, Lesley College, Boston, MA.

Hirshberg, L., and Hayden, B. (1993). Clinical evaluation and treatment of infants and their families. Healthy Families Rhode Island Conference, Providence, RI.

Hirshberg, L., & Ludolph, P. (1984). Borderline and narcissistic personality in patients with minimal brain dysfunction. Paper presented in a symposium on character disorders at the Annual Convention of the American Psychological Association, Toronto, Ontario.

Hirshberg, L. and Weeks, L. (2004) Facilitating social initiation in children with autistic spectrum disorder. Paper presented at annual conference of North Shore ARC, Danvers MA.

Hirshberg, L. and Weeks, L. (2004) Facilitating social initiation in children with autistic spectrum disorder. Day long in-service training workshop presented for Project ERR, a regional educational training collaborative.

Chabot, RJ, Hirshberg, L., & Coben, R. (2006) QEEG and VARETA Profiles of Children with Asperger Syndrome Paper presented to the annual meeting of the EEG and Clinical Neuroscience Society, Boston, MA.

Zeanah, C., and Hirshberg, L. (1993). Infant mastery motivation and maternal characteristics. Presented at the Biennial meeting of the Society for Research in Child Development, New Orleans, LA.

Zeanah CH., Danis B., Broudy, D., and Hirshberg L. (1990). Early adaptation of mothers and fathers following perinatal loss. Paper presented to the 37th Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Chicago, IL.

Zeanah, C., Benoit, D., Barton, M., and Hirshberg, L. (1989). Measuring Parents representations of their infants: Preliminary results using a structured interview. Paper presented to the 3rd Biennial Meeting of the International Association for Infant Mental Health, Providence, RI.

Zeanah, C., Benoit, D., Hirshberg, L., and Barton, M. (1989). A structured interview to assess mothers' representations of their infants. Paper presented to the Fourth World Congress of the World Association for Infant Psychiatry and Allied Disciplines, Lugano, Switzerland.

GRANTS

- 1990 - 1992 Co-investigator
Smith-Richardson Foundation
"Precursors of Social Competence in Impoverished Infants"
- 1994 - 1995 Rhode Island Department of Health
Infant-parent psychotherapy in a residence for high risk mothers and their babies

HOSPITAL TEACHING ASSIGNMENTS

- 1990-1995 Lecturer on Infant Development and Intervention in Child Psychiatry Fellows Training Program, Brown Medical School
- 1990 - 2006 Child psychotherapy supervisor for Child Psychiatry Fellows Training Program, Brown Medical School