

Curriculum Vitae
Elizabeth L. Leonard, PhD

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Contact Information:

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Education:

B.S. Boston University, Physical Therapy
M.S. Medical College of Virginia, Virginia Commonwealth University,
Physical Therapy
Ph.D. Tufts University, Psychology

Training:

1982-1984 Pre-doctoral Intern in Psychology, Center for Infant Development
and Behavioral Pediatrics, New England Medical Center, Tufts
University, Boston, MA
1990 Postdoctoral Fellow in Psychology, Judge Baker Children's
Center/The Children's Hospital, Boston, MA
1991-1993 Postdoctoral Fellow in Neuropsychology, Division of Child
Neurology, Department of Neurology, Barrow Neurological
Institute, Phoenix, AZ

Licensure and Certification:

1989- Arizona Board of Psychologist Examiners, Psychologist

Academic Appointments:

1986-1988 Adjunct Professor, Department of Psychology,
University of Lowell, Lowell, MA
1990 Clinical Fellow in Psychology,
Department of Psychiatry,
Harvard Medical School, Boston, MA
1990 Instructor in Psychiatry (Psychology)
Harvard Medical School
Boston, MA
2001-2012 Lecturer in Psychology

2015- Department of Psychiatry
Harvard Medical School
Boston, MA
Faculty Fellow
Center for Law, Science and Innovation
Sandra Day O'Connor College of Law
Arizona State University

Hospital or Affiliated Institution Appointments:

1990 Postdoctoral Fellow in Psychology, Children's Hospital,
Boston, MA
1989-1997 Affiliate Staff Scientist, Division of Neurobiology,
Barrow Neurological Institute, St. Joseph's Hospital and Medical
Center, Phoenix, AZ
1991-2000 Psychologist, St. Joseph's Hospital and Medical Center,
Phoenix, AZ
2001-2002 Associate Clinical Psychologist
Department of Psychiatry Program
McLean Hospital
Harvard Medical School
Belmont, MA
2002-2012 Lecturer in Psychiatry
Department of Psychiatry
Beth Israel Deaconess Medical Center
Harvard Medical School
Boston, MA
2005-2006 Regional Medical Consultant in Mental Health
Disability Quality Branch - Boston
Social Security Administration
United States Government

Professional Positions:

1985-1988 Research Associate, Human Performance Laboratory,
Catholic Medical Center, Manchester, NH
1998-1990 Manager, Pediatric Rehabilitation Program,
St. Joseph's Hospital and Medical Center, Phoenix, AZ
1991-2000 Director, Clinic for Neurobehavioral Disorders
Section of Child Neurology, Barrow Neurological Institute
Phoenix, AZ
2001-2002 Clinical Director
Center for Neurointegrative Services
McLean Hospital
Harvard Medical School
Belmont, MA

2002- Clinical Director
Neurocognitive Associates

Consulting Positions:

1986-1987 Bureau for Special Medical Services
New Hampshire Department of Health and Human Services
Concord, NH

1986-1993 MOCO, Inc., Biomedical Research, Scituate, MA

1997-1998 Model Development Project for Infant Assessment,
Interagency Coordinating Council,
Arizona Department of Education

1997 Program Participant National Telecast
White House Conference on Early Childhood Development and
Learning: What New Research of the Brain Tells Us About Our
Youngest Children, April 17, 1997, Phoenix, AZ

2015- First Place Arizona
Consultant for Health and Behavioral Services
A Supportive Community for Adults with Autism and other
Neurodiversities

Hospital and Health Care Organization Service Responsibilities:

1993-1996 Executive Board, Section of Psychology,
Department of Psychiatry, St. Joseph's Hospital and Medical
Center, Phoenix, AZ

1996-1999 Chairperson, Section of Psychology, Department of Psychiatry,
St. Joseph's Hospital and Medical Center, Phoenix, AZ

Major Administrative Responsibilities:

1996-2000 Fellowship Director for Pediatric Psychology, Section of Child Neurology,
Barrow Neurological Institute, Phoenix, AZ

1999 Course Director, Autism, Epilepsy and Mental Retardation: New
Developments in Evaluation and Treatment. A consensus conference on
current developments in diagnosis and treatment. Barrow Neurological
Institute, St. Joseph's Hospital and Medical Center, January 23, 1999,
Phoenix, AZ

1999 Course Director, Caring for Children and Adolescents with Epilepsy into
the Millennium. Twelfth Annual Epilepsy Update. Epilepsy Foundation
of Arizona, University of Arizona College of Medicine and Barrow
Neurological Institute, November 6, 1999, Phoenix, AZ

Major Committee Assignments:

National:

2001 Member, Autism Trials Clinical Task Force
Cure Autism Now Foundation

Regional:

1993-1994 Member-at-Large, Executive Committee,
Arizona Psychological Association
1995-1999 Member
Governor's Advisory Council on Spinal and Head Injuries
State of AZ
1999-2000 Vice President
Epilepsy Foundation of Arizona

Local:

2009-2010 Member, Professional Advisory Committee
Massachusetts Neuropsychological Society
Boston, MA
2009-2010 Member, Psychological Assessment Committee
Massachusetts Psychological Association
Wellesley, MA
2013 Conference Planning Committee and Moderator
Before the Shooting Starts: Predicting and Preventing Rampage Shootings
The Center for Law, Science and Innovation
Sandra Day O'Connor College of Law, Arizona State University and the
U.S. District Court of AZ, Nov. 22, 2013.
2015 Conference Planning Committee and Moderator
Safeguarding Brains: The Law, Science & Ethics of the Concussive Injury
Epidemic. Arizona State University, Sandra Day O'Connor College of
Law and U.S. District Court of AZ, Nov. 13, 2015
2017 Autism Innovation Group
Interagency Coordinating Committee for Developing Transition Services
for Adolescents and Adults on the Autism Spectrum in Arizona
Vitalyst Foundation

Professional Societies:

1986- American Psychological Association
1986- Society for Clinical Neuropsychology
1993- National Academy of Neuropsychology
1994- International Neuropsychological Society
1998-2001 American Epilepsy Society
2000-2010 Massachusetts Psychological Association
2002-2010 Massachusetts Neuropsychological Society
2011- Arizona Psychological Association
2015- Member, Section on Elder Law, Mental Health and Special Needs
Planning, State Bar of Arizona

Community Service Related to Professional Work:

- 1982-1983 Board Member for Capital Campaign, Sojourner Center: A Center for Battered Women and Children, Phoenix, AZ
- 2001- 2003 Member, Human Rights Committee
The New England Center for Children
Southbridge, MA
- 2005 Mental Health Clinician
American Red Cross Disaster Services
Katrina Deployment
New Orleans, LA
- 2007 Workshop Leader
Psychiatric and Behavioral Interventions for Disabled Children and Adults
Yesodot, JVS, Jewish Community Center, Newton, MA
- 2008-2010 Executive Advisors Committee
Asperger's Association of New England
Watertown, MA
- 2008 Town of Gazi, Crete, Greece
Invited by the Mayor of Gazi to teach in the municipal summer program for youth through the Global Volunteer Program
- 2013-2019 Board Member, Pardes Jewish Day School
Scottsdale, AZ

Editorial Boards and Grant Reviews:

- 1997 Grant Reviewer, National Institute on Disability Research and Rehabilitation Research
- 1997-2000 Editorial Board, Pediatric Rehabilitation
- 2003-2007 At hoc grant reviewer for Cure Autism Now

Awards and Honors:

- 1993 Who's Who of American Woman – 18th Edition

Research, Teaching and Clinical Contributions:

Research Funding:

- 1985 Bureau for Health Promotion, NH Department of Health and Human Services
PI: Elizabeth L. Leonard, Ph.D.
Cervical Cancer Screening and Community Education
- 1988 Institute of Child Health and Human Development,
National Institutes of Health

PI: Ruth Maulucci, Ph.D., Co-Investigator: Elizabeth L. Leonard, Ph.D.,
Kinematic Analysis of Pediatric Movement Disorders

- 1989-1991 March of Dimes Birth Defects Foundation
PI: Elizabeth L. Leonard, Ph.D.
Kinematics of Reaching in Normal and Cerebral Palsied Children
- 1990-1992 Arizona Disease Control Research Control Commission
PI: Elizabeth L. Leonard, Ph.D.
Early Locomotor Training in Normal and Cerebral Palsied Infants
- 1991 United States Department of Education
PI: Ruth Maulucci, Ph.D., Co-Investigator: Elizabeth L. Leonard, Ph.D.,
Use of Regulated Feedback to Improve Reaching in Multiply
Handicapped Children
- 1999-2000 Woman's Board, Barrow Neurological Institute
PI: Elizabeth L. Leonard, Ph.D.
Neuropsychological Processing in Communication Disorders,
Autism and Asperger's Syndrome
- 1998-2001 US Food and Drug Administration, FDA OP 97-1, Clinical Studies of
Safety and Effectiveness of Orphan Products,
PI: Eric Hollander, M.D., Co-investigator: Elizabeth L. Leonard, Ph.D.,
Fluoxetine/Placebo Treatment of Childhood and Adult Autism and
Asperger's Disorder: Effect on Obsessive-Compulsive Symptoms and
Functional Imaging by PET (IND 51, 581)

Clinical Trials:

Gabapentin Pediatric Monotherapy Trial: A Multicenter, Double-Blind, Placebo
Controlled, Parallel-Group Study in Pediatric Patients with Benign Childhood Epilepsy
with Centrottemporal Spikes (Protocol 945-094 Parke-Davis), Neuropsychological
Testing

Efficacy and Safety Evaluation of Oral Adjunctive Vigabatrin (Sabril) Therapy
Compared to Placebo in Children with Uncontrolled Complex Partial Seizures: A Dose
Response Study (Protocol 0118 Marion Merrill Dow, Inc.), Neuropsychological Testing

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of SLI 381 in
Children with Attention Deficit Hyperactivity Disorder. A Phase III Study. Clinical Study
Protocol No. 381.301, Shire Laboratories, Sub-Investigator.

Teaching:

Local:

- 1985-1988 University of Lowell, Lowell, MA
Adjunct Professor, Department of Physical Therapy
Course: Psychology of the Handicapped
- 1996-1999 Seminar in Child Psychology/Child Psychiatry
Department of Pediatrics, Children's Health Center, St. Joseph's
Hospital and Medical Center, Phoenix, AZ. Monthly seminar for
pediatric residents and psychology trainees, Course Coordinator
and Preceptor
- 1991-2000 Weekly Training Seminar in Neurology/Neurosurgery
Department of Neurology, Barrow Neurological Institute
Core faculty participating in weekly training conference for
neurology residents, child neurology fellows, neurosurgery and
psychology residents. Attending faculty
- 1992-2000 Weekly Training Conference in Epilepsy
Division of Neurology, Barrow Neurological Institute
Weekly case conference to review patients presenting for epilepsy
evaluation attended by residents and faculty from the departments
of neurology, neurosurgery, neuroradiology, child neurology and
neuropsychology. Attending faculty
- 2003-2010 Harvard Medical School
Program in Psychiatry and the Law
Core faculty for weekly conference
Department of Psychiatry
Beth Israel Deaconess Medical Center
Harvard Medical School
Boston, MA
- 2007 Harvard Medical School
INV 753.0 The Human Body
HSM/HSDM First year students
- 2015- Faculty Fellow
Center for Law, Science & Innovation
Sandra Day O'Connor College of Law
Arizona State University

Continuing Medical Education Courses Taught:

- 1994 Diagnosis of Developmental Disorders in Preschool Children.
Pediatric Neurology for Primary Care Physicians, Department of Neurology,
Barrow Neurological Institute.

- 1995 Recognition and Treatment of Childhood Depression, Second Annual Conference on Pediatric Neurology for Primary Care Physicians, Department of Neurology, Barrow Neurological Institute.
- 1996 Pediatric Collaboration and Consultation in Special Education, Third Annual Conference on Pediatric Neurology for Primary Care Physicians, Barrow Neurological Institute.
- 1997 Controversial Treatments for Neurobehavioral Disorders, Fourth Annual Conference on Pediatric Neurology for Primary Care Physicians, Barrow Neurological Institute.
- 1998 Physical Complaints Without Organic Cause, Fifth Annual Conference on Pediatric Neurology for Primary Care Physicians, Barrow Neurological Institute.

Neurobiology of Tourette's Syndrome, Obsessive-Compulsive Disorder and Autism. Fourth Annual Neuropsychiatric Pharmacology Update. University of Arizona Colleges of Medicine, Nursing and Pharmacy.

Teaching and Leadership Role:

- 1995-2000 Director of Training in Pediatric Psychology, Department of Neurology, Division of Child Neurology, Barrow Neurological Institute. Directed postdoctoral residency program in pediatric psychology with special emphasis on children and adolescents with developmental disorders. Provided weekly individual and group supervision for graduate students and residents. Developed a monthly lecture series for pediatric residents in child development and psychopathology.

Regional, National or International Contributions:

Leonard EL, Zelazo PR. Neonatal Motor Abnormalities: Effect on Infant Development. Paper presented at the Combined Sections Meeting, American Physical Therapy Association, Atlanta, GA, 1987

Leonard, EL. The Multiply Handicapped Preschool Child: Issues in Diagnosis and Assessment. Conference paper sponsored by the Special Education Section, NH Department of Education, Laconia, NH, 1987

Leonard EL, Zelazo PR. The Ontogeny of Manipulation: Learning Effects and Clinical Considerations. Paper presentation Combined Sections Meeting, American Physical Therapy Association, Washington, D.C., 1988

Leonard EL, Zelazo PR. Play in Developmental Evaluation. Poster presented at the biennial meeting of the International Conference of Infant Studies, Washington, D.C., 1988

Leonard EL, Zelazo PR. From Reflexive to Instrumental Behavior: A Developmental Model of Motor Learning. Paper presented at the American Physical Therapy/Canadian Physiotherapy Association Joint Congress, Las Vegas, NV, 1988

Leonard, EL. Infant Motor Learning and Sensory Integration. Paper presented at the sixth annual symposium on the Management of the Multiply Handicapped Infant, Child and Adolescent. Oakbrook, IL, 1988

Leonard EL, Maulucci RA, Eliason DL. Kinematics of Reaching in Normal and Cerebral Palsied Infants. Paper presented at the seventh biennial conference of the International Society for Infant Studies, Montreal, QUE, 1990

Leonard EL, Maulucci RA. KIDS: A Kinematic Diagnostic System. Paper presented at the annual conference of the American Physical Therapy Association, Anaheim, CA, 1990

Leonard EL, Maulucci RA, Eliason DR. Kinematic and Temporal Analysis of Upper Extremity Movement in Normal and Cerebral Palsied Three Year Olds. Paper. Annual Meeting of the American Physical Therapy Association, Anaheim, CA, 1990

Leonard EL. Perceptual and Cognitive Foundations for Movement. Paper presented at the Eighteenth Annual Sensorimotor Symposium, CA chapter of the American Physical Therapy Association and the San Diego chapter of the Occupational Therapy Association of California, San Diego, CA, 1990

Leonard EL, Zelazo PR. Sensorimotor Development and Higher Order Control. Paper presented at the Annual Meeting, American Physical Therapy Association, Boston, MA, 1991

Leonard EL, Maulucci RA, Eckhouse RH, Eliason DR. Rotational Movement During Reaching in Normal and Cerebral Palsied Infants. Poster. International Conference on Infant Studies, Miami Beach, FL, 1992

O'Sullivan MC, **Leonard EL**, Farley BG, Bloedel JR. Infant Stepping: A Longitudinal Study of Locomotor Development. Poster. Society for Neuroscience, Anaheim, CA, 1993

Leonard EL. Recognizing Mild to Moderate Closed Head Injuries and New Diagnostic Means of Proving Causation. Invited presentation Arizona Trial Lawyers Association, Phoenix, AZ, 1995

Leonard EL. Assessment of Brain Injury in Infants and Young Children: Implications for Diagnosis and Determining Causation. Invited presentation to the State Bar of Arizona conference on Proof of Damages in Brain Injury Litigation, Phoenix, AZ, 1995

Leonard EL. Psychosocial Aspects of Pediatric Epilepsy, Paper presentation, New Concepts in the Management of Epilepsy, conference sponsored by the University of Arizona College of Medicine, Barrow Neurological Institute and the Epilepsy Society of Arizona, Scottsdale, AZ, 1995

Leonard EL. Evaluation of Psychological Injury in Children. Invited presentation to the conference Kids'N' the Law: Evaluating an Injured Child's Claim, State Bar of Arizona, Phoenix, AZ, 1996

Leonard EL. Resource Utilization for Persons with Epilepsy. Invited paper to a conference entitled Living with Epilepsy, Epilepsy Foundation of Arizona, Phoenix, AZ, 1997

Leonard EL. Neuropsychological Assessment of Brain Injured Children. Invited paper presented to the Arizona Trial Lawyers Association, Phoenix, AZ, 1997

Leonard EL. Recognizing Precursors to Academic and Psychological dysfunction in Preschool and Young Children, invited presentation to the Early Childhood Networking Conference, Arizona Department of Education, Phoenix, AZ, 1998

Leonard EL. Neurocognitive and Diagnostic Assessment of Autism. Invited presentation to New Insights in the Diagnosis, Neurobiology, Genetics and Treatment of Autism, conference sponsored by the Department of Psychiatry, Mt. Sinai School of Medicine, New York, NY, 1998

Leonard EL. Developing Brain Systems: Connectivity and Missed Connections in Autism and Epilepsy, paper presented at Autism, Epilepsy and Mental Retardation: New Developments in Evaluation and Treatment, conference sponsored by Barrow Neurological Institute, Phoenix, AZ, 1999

Leonard EL. Neuropsychological Evaluation for Diagnosis, Treatment and Educational Remediation of Children and Adolescents with Epilepsy. Invited conference presentation sponsored by the Epilepsy Foundation of Arizona, Barrow Neurological Institute, St. Joseph's Hospital and Medical Center and the College of Medicine, University of Arizona, Phoenix, AZ, 1999

Leonard EL. Neurobiology of Autistic Spectrum Disorders: Implications for Diagnosis and Treatment, invited paper presented to the American Society for Adolescent Psychiatry Annual Meeting, Phoenix, AZ, 2000

Leonard, EL. Neuropsychological Assessment of Children with Pervasive Developmental Disorders. Invited conference presentation, Enriching the Life of Children with Autism. Sponsored by Franciscan Children's Hospital and Boston University School of Medicine. Boston, MA, March 22, 2002

Leonard, EL. Design of Intervention Strategies Within a Neurodevelopmental Framework, invited speaker at a conference entitled Neurodevelopmental/Neuropsychiatric Disorders in Children. Sponsored by Cambridge Hospital, Department of Psychiatry, Harvard Medical School, Boston, MA, February 7, 2003

Leonard, EL. Asperger's Syndrome and Sexualized Behavior: A Case Report. Poster. Harvard Psychiatry Day, Department of Psychiatry, Harvard Medical School, March 19, 2003

Leonard, EL. Contemporary Issues in Neuropsychology. Invited presentation to the Massachusetts Psychological Association, Women's Special Interest Group, January 22, 2005

Leonard, EL. Psychological and Neuropsychological Evaluation of Infants and Preschool Children: Implications for Forensic Settings. Invited presentation to the La Paz/Mohave Counties Infant & Toddler Mental Health Symposium, Laughlin, NV, October 20-21, 2011.

Leonard, EL. Before the Shooting Starts: Predicting and Preventing Rampage Shootings, Program Moderator and Core Faculty for a conference sponsored by the Center for Law, Science, & Innovation, Sandra Day O'Connor College of Law, Arizona State University and the U.S. District Court of Arizona, Phoenix, Arizona, November 22, 2013.

Leonard, EL. Developments in Neuroscience and Admissibility of Neuropsychological Evidence. Invited presentation to the 34th Congress of the International Academy of Law and Mental Health, Vienna, Austria, July 17, 2015.

Leonard, EL. Safeguarding Brains: The Law, Science and Ethics of the Concussive Injury Epidemic. Program Moderator and Core Faculty for a conference sponsored by the Center for Law, Science and Innovation, Sandra Day O'Connor College of Law, Arizona State University and the U.S. District Court of AZ, November 13, 2015.

Leonard, EL. Concussion Malingering. Invited presentation to the Arizona Association for Justice/Arizona Trial Lawyers Association at a conference entitled Doctor, Doctor Give Me More News., Phoenix, AZ December 4, 2015.

Leonard, EL. The Role of Neuroscience and Admissibility of Neuropsychological Evidence, Presentation at the XXXIVth International Conference on Law and Mental Health, Vienna, Austria, July 2015.

Leonard, EL. Section Moderator and Chair. Traumatic Brain Injury: Medical and Legal Implications of TBI in Civil and Criminal Proceedings. Program presentation for the XXXVth International Academy of Law and Mental Health, Prague, Czech Republic, July 13, 2017.

Leonard, EL. Pediatric Neuropsychological Consultation in Brain Injury Cases. Presentation at the XXXVth International Academy of Law and Mental Health, Prague, Czech Republic, July 13, 2017.

Report of Clinical Activities:

I maintain a clinical practice in neuropsychology, clinical psychology and forensic neuropsychology for children and adults. Practice activities include consultation, evaluation, neuropsychological and psychological assessment, expert testimony and teaching.

I provide forensic consultation and evaluations to attorneys in civil cases where there is brain injury with co-morbid psychiatric disorders. Consultation has included teaching attorneys in continuing legal education courses, training seminars about assessment of damages in cases where individuals have sustained central nervous injury, and the role of neuropsychology in forensic evaluations. I have testified in local, state and federal courts.

Consultation and expert testimony are provided in the areas of standard of care, psychological malpractice, wrongful injury and death, product liability, workplace discrimination, disability evaluations, fitness for duty assessments, return to work strategies, guardian and conservatorships, and toxic torts. My criminal practice principally focuses on evaluating defendants with neurodevelopmental and neuropsychiatric disorder charged with capital crimes and other felonies. I perform juvenile and adult competency evaluations, and evaluations for post-conviction relief.

I consult with municipal governments, private, and public agencies regarding fitness for duty evaluations for employees and school districts regarding educational services for children with developmental and psychiatric disorders.

I subscribe to a scientist/practitioner model of service delivery and evidence based practice. I have mentored the scientific and clinical careers of students in clinical and forensic neuropsychology. Mentoring has included advising and supervising graduate students in diagnostic assessment, testing, research design, forensic evaluation, expert

witness training, and grant writing. I am a faculty fellow in the Center for Law, Science, and Innovation at the Sandra Day O'Connor College of Law at Arizona State University.

Bibliography:

Eckhouse RH, Maulucci RA, **Leonard EL**. A computerized kinematic diagnostic system. *Journal of Medical Systems* 1989; 13, 261-264.

Leonard EL, Maulucci RA, Eliason DL, Tarby TJ. A kinematic diagnostic system for detecting movement disorders in infants and children. *Annals of Neurology* 1989; 26, 487-488.

Eckhouse RH, **Leonard EL**, Zhuang Q., Maulucci RA. Improving reaching in preschool children with cerebral palsy with regulated feedback. *IEEE Transaction in Rehabilitation Engineering* 1994; 2, 3.

Leonard EL, Kerrigan JF, Onufrak ES. Psychiatric co-morbidity in children with epilepsy. *CNS Spectrums* 1997; 2, 6, 60-67.

Leonard EL, Stoane J, Karas JP. Radiologic assessment of temporal lobe epilepsy and the intracarotid amobarbital procedure. *Radiologic Technology* 1999; 3, 270-277.

Leonard EL, George RM. Psychosocial and neuropsychological function in children with epilepsy. *Pediatric Rehabilitation* 1999; 3, 73-80.

Aman, MG, Novotny S, Samango-Sprouse C, Lecavialer L, **Leonard EL**, Gadow KD, King BH, Pearson DA, Gernsbacher A, Chez M. Outcome measures for clinical drug trials in autism. *CNS Spectrums* 2004; 9, 1, 36-47

Leonard, EL. Using neuropsychological experts, *The Advocate*, AZ Association for Justice/AZ Trial Lawyers Association, Oct., 2011.

Leonard, EL. Mild traumatic brain injury and malingered cognitive symptoms, *The Advocate*, AZ Association for Justice/AZ Trial Lawyers Association, March, 2014.

Leonard, EL. Concussion and malingering: Basis and review of forensic evidence. Invited article for *The Advocate*, AZ Association for Justice/AZ Trial Lawyers Association, March/April 2015.

Leonard, EL. Forensic neuropsychology and expert witness testimony: A overview of forensic practice. *International Journal of Law and Psychiatry*, 42-43 (2015) 177-182.

Published Proceedings:

Leonard EL. Motor development: Is it time to re-examine theory? Proceedings of a conference on Concepts in Motor Control, Motor Learning and Exercise Physiology, Spring 1989, Division of Physical Therapy, Department of Medical Allied Health Professions, University of North Carolina, Chapel Hill, NC.

Leonard EL. Psychological determinants of early motor learning. Proceedings of the II Step Conference, Foundation for Physical Therapy, July 6-13, 1991 Norman, OK.

Invited Chapters:

Zelazo PR, **Leonard EL.** The dawn of active thought. In K Fisher (Ed.) Levels and Transitions in Children's Development. San Francisco: Jossey Bass, 1983, 37-50.

Herman RM, Maulucci RA, **Leonard EL,** Pzyska V. The initiation of locomotion in man. In S Grillner, PSG Stein, H Forsberg, D Stuart and R Herman (Eds.) Neurobiology of Vertebrate Locomotion. McMillan: London, 1986.

Zelazo PR, Weiss MD, **Leonard EL.** The development of unaided walking: The acquisition of higher order control. In PR Zelazo and R Barr (Eds.) Challenges to Developmental Paradigms: Implications for Theory, Assessment, and Treatment. Lawrence Erlbaum: Hillsdale, NJ 1989, 139-165.

Leonard EL. Early motor development and motor control: Foundations for independent walking. In GL Smidt (Ed.) Gait in Rehabilitation. Churchill Livingstone, Inc.: NY 1990.

Szymanski, L., Friedman, S., **Leonard, EL.** Intellectual Deficiency. In MH Ebert, PT Loosen and B Nurcombe (Eds.) Current Psychiatric Diagnosis and Treatment - 2nd Edition, McGraw-Hill Professional, NY: NY 2008, 537-555.

Abstracts:

Leonard EL, Kerrigan JF. Clinical hypnosis in children undergoing cerebral angiography. *Epilepsia* 1995, 36, 4, 109.

Leonard EL, Kerrigan JF. Co-morbidity of psychiatric disorders in children and adolescents admitted for epilepsy monitoring. *Epilepsia* 1997.

Guest Editor:

Leonard EL. Imitators of Epilepsy: Diagnostic Dilemmas. *CNS Spectrums: The International Journal of Neuropsychiatric Medicine.* 1997, 2, 6.

Leonard EL. Imitators of Epilepsy: Treatment Options. *CNS Spectrums: The International Journal of Neuropsychiatric Medicine*. 1997, 2, 7.

Reviews:

Journal of Clinical Psychiatry
International Journal of Law and Psychiatry

Media:

Guest Interview/Health Segment: Cognitive and Behavioral Changes After Stroke. WZMY Television, Derry, NH, May 6, 2006