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EDUCATION

Northwestern University, B.A., Mathematics, 1973, Evanston, IL
Northwestern University Medical School, M.D., 1979, Chicago, IL

POSTGRADUATE TRAINING

July 1979 - June 1980
Internship in Pediatrics (PL-1)
University of Maryland, Baltimore, Baltimore, MD

July 1980 - June 1982
Residency in Pediatrics (PL-2 and PL-3)
Brown University Program in Medicine, Providence, RI

July 1982 - June 1984
Post-Doctoral Clinical Fellow in Neurodevelopmental Pediatrics
John F. Kennedy Institute for Handicapped Children, Johns Hopkins Hospital, Baltimore, MD

July 1984 - June 1985
Research Fellow Developmental Genetics Laboratory
John F. Kennedy Institute for Handicapped Children, Johns Hopkins Hospital, Baltimore, MD

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

American Board of Pediatrics, Diplomate, Number 31194 (November 11, 1984)

State of New York Medical License, Number 163294 (July 22, 1985)
Fellow, American Academy of Cerebral Palsy and Developmental Medicine (December 1, 1985)

State of Rhode Island Medical License, Number MD09185 (June 28, 1996)

State of Illinois Medical License, Number 036-110199 (September 03, 2003 – July 31 2008 /
Renewed: July 31 2008 – June 30, 2013)

American Board of Pediatrics and American Board of Psychiatry and Neurology, Diplomat in Neurodevelopmental Disabilities, Number 94 (April 3, 2001-2011)

American Board of Pediatrics, Subspecialty Certification in Developmental and Behavioral Pediatrics (March 6, 2003-2010)

ACADEMIC APPOINTMENTS

- July 1985 – June 1991 **Assistant Professor of Pediatrics**, Physical Medicine and Rehabilitation, State University of New York at Buffalo, School of Medicine, *Buffalo, NY*
- July 1985 – June 1996 **Director of Fellowship Training in Developmental Disabilities**, State University of New York at Buffalo, Children’s Hospital of Buffalo, *Buffalo, NY*
- July 1991 – June 1996 **Associate Professor of Pediatrics**, Physical Medicine and Rehabilitation, State University of New York at Buffalo, School of Medicine, *Buffalo, NY*
- July 1996 – September 2003 **Professor of Pediatrics and Human Development**, Brown University Medical School and Child Development Center, Hasbro Children’s Hospital and Rhode Island Hospital, Brown University, *Providence, RI*
- October 2002 – September 2003 **Director of Research**, Neurodevelopmental Pediatrics, Brown University Medical School and Child Development Center, Hasbro Children’s Hospital and Rhode Island Hospital, Brown University, *Providence, RI*
- October 2003 – present **Professor**, University of Chicago Pritzker School of Medicine. **Section Chief, Developmental and Behavioral Pediatrics, Department of Pediatrics**, JP Kennedy Research Center on Intellectual and Developmental Disabilities, Comer Children’s Hospital and La Rabida Children’s Hospital, *Chicago, IL*
- 2006 – present Affiliate, Center for Human Potential and Public Policy, the Irving B. Harris School of Public Policy Studies, the University of Chicago, *Chicago, IL*

HOSPITAL APPOINTMENTS

1985 – 1996 **Medical Staff**, Children’s Hospital of Buffalo, *Buffalo, NY*

- July 1990 – June 1996 **Medical Director**, Robert Warner Rehabilitation Center, Children’s Hospital of Buffalo, and Chief, Division of Developmental Pediatrics and Rehabilitation, State University of New York at Buffalo, *Buffalo, NY*
- July 1996 – October 2002 **Director**, Child Development Center of Rhode Island Hospital, *Providence, RI*
- July 1996 – September 2003 **Medical Staff**, Hasbro Children’s and Women & Infants Hospital, *Providence, RI*
- October 2003 – present **Medical Staff**, University of Chicago Comer Children’s Hospital and La Rabida Children’s Hospital, *Chicago, IL*

ELECTED POSITIONS

- 1993 Elected to the Society for Pediatric Research (December)
- 1997 Elected to the American Pediatric Society (December)
- 1998 – 2003 Chairperson Rhode Island Kids Count Board of Director (September)
- 2001 – 2004 Elected Co-Chair, Professors of Neurodevelopmental Pediatrics, Society of Developmental Pediatrics (April 30)
- 2006 Elected to the Child Neurology Society (June)
- 2006 Elected to the International Child Neurology Association (September)

HONORS AND AWARDS

- 1985 Certificate of Merit - Young Investigator Day: Postgraduate Fellowship Award for Excellence in Clinical Research at Johns Hopkins Hospital (April 18)**
- 1988 Nominated with Kathleen DiGaudio, MS/PNP for Best Scientific Poster 1988 American Academy for Cerebral Palsy and Developmental Medicine(AACPDM) Nominated February 1, 1990 Richmond Cerebral Palsy Center, February 1, 1989
- 1989 Nominated for Richmond Cerebral Palsy Center Award for Best Scientific Paper, AACPDM (November 1)
- 1990 United Cerebral Palsy Award for Best Scientific Poster, 1990 AACPDM (October 6)**
- 1990 Nominated for Richmond Cerebral Palsy Center Award for Best Scientific Paper, AACPDM (November 1)
- 1991 Sage Award for Best Audiovisual Presentation, “Down Syndrome: Optimizing Health and Development (with K. DiGaudio and J. Schwiegerling),”AACPDM (October 9)**
- 1991 Nominated for Richmond Cerebral Palsy Center Award for Best Scientific Paper, AACPDM (November 1)
- 1992 Community Service Award: Down Syndrome Parent Group of Western New York for Improving the Quality of Life for Children with Developmental Disabilities (September 9)**

- 1992 Nominated with Joan Arvedson and Brian T. Rogers for the Richmond Cerebral Palsy Center Award for Best Scientific Paper, AACPDM (November 1)**
- 1993 Nominated with Brian T. Rogers for the Richmond Cerebral Palsy Center Award for Best Scientific Paper, AACPDM (November 1)
- 1995 Sir James Carreras International Variety Club Award for Physician Leadership in Neurodevelopmental Disabilities (April 28)**
- 1995 Nominated with Brian T. Rogers for the Richmond Cerebral Palsy Center Award for Best Scientific Paper at AACPDM (November 1)
- 1996 Community Service Award from the Developmental Disabilities Planning Council of Western New York for education of health professionals, interdisciplinary care, research and medical advocacy (May 21)**
- 1996 Nominated with Brian T. Rogers for the Richmond Cerebral Palsy Center Award for Best Scientific Paper at AACPDM (November 1)
- 1997 Nominated with Brian T. Rogers for the Richmond Cerebral Palsy Center Award for Best Scientific Paper at AACPDM (November 1)
- 1998 Nominated with Nancy E. Carnevale for the Richmond Cerebral Palsy Award at AACPDM (November 1)
- 2000 American Academy of Psychiatry Excellence in Research Writing Award: Best Paper Award**
- 2000 Governor's Award, Early Intervention Coordinating Committee (December)**
- 2001 Rhode Island Human Services Feather Award, CEDARR Initiative (January)**
- 2001-2010 Best Doctors in America (first selected in 2001)**
- 2003 Certificate of Recognition for Advocacy for Children with Special Needs, Rhode Island Department of Health (August)**
- 2004 Nominated for the Gayle Arnold Award for Best Scientific Paper, AACPDM (December 1)
- 2007 Nominated for Arnold J Capute Award Council on Children with Disabilities, American Academy of Pediatrics
- 2007 Received, with Dr. Athena Patrianakos, the Gayle Arnold Award for Best Scientific Paper, AACPDM (December 1)**
- 2007-2008 Chairperson, Treatment Outcomes Committee, American Academy for Cerebral Palsy and Developmental Medicine**
- 2008 Nominated for Arnold J Capute Award on Children with Disabilities, American Academy of Pediatrics
- 2008 Appointed Scientific Advisory Committee Food and Drug Administration, Center for Food Safety and Science. Role Scientific Reviewer on the Safety of Additives and Supplements for Children with a focus on their unique vulnerability**

PROFESSIONAL ACTIVITIES

Editorial Board:

Pediatrics (2005-2011)

Infants and Young Children (2000-2010)

Editorial Referee:

Pediatrics

Infants and Young Children

Developmental Medicine and Child Neurology

Journal of Pediatrics

JAMA

J. of Developmental & Behavioral Pediatrics

Archives Pediatrics & Adolescent Medicine

Mental Retardation Developmental Disabilities Research Reviews

Paediatric and Perinatal Epidemiology

Early Human Development

European Journal of Pediatric Neurology

Ambulatory Pediatrics

BMC Pediatrics

The Journal of Inherited Metabolic Disease

Applied Research in Developmental Disabilities

Abstract Reviewer:

Pediatric Academic Societies, Neurodevelopmental Disabilities Abstract Reviewer, 1997, 1999, 2001, 2003

Editorial Consultant Book Reviewer:

Doody Publishing, Inc. Brain Damage in the Newborn and its Neurological Sequels:

Pathologic and Clinical Correlation, by Abraham Towbin, MD. 1998

Cerebral Palsies: Epidemiology and Causal Pathways by Fiona Stanley, Eve Blair, Eva Alberman. MacKeith Press London UK 2000. J. Dev Behav Pediatr 2002; 23:183-84.

AACPDM Treatment Outcomes Committee Review Panel. Butler C, Darrah J. Effects of neurodevelopmental treatment (NDT) for cerebral palsy: An AACPDM evidence report. Developmental Medicine & Child Neurology 2001; 43:778-790.

AACPDM Treatment Outcomes Committee Review Panel. Butler C, Campbell S. Evidence of the effects of intrathecal baclofen for spastic and dystonic cerebral palsy. Developmental Medicine & Child Neurology 2001; 42:634-645.

Economic Policy Institute. Robert Lynch. Enriching Children, Enriching the Nation: Public Investment in High-Quality Prekindergarten. 2008. *Book Review*. Journal of Developmental and Behavioral pediatrics 2009; 30: 105.

The Baby Bible by B Gebauer-Sesterhenn, M Praun. M Msall (editorial reviewer.). Barron's Educational Series, Inc. Hauppaugem NY. 2008.

External Expert Reviewer:

Communication Disorders Clinical Practice Guidelines for the New York State Early Intervention Programs

Motor Disabilities Clinical Practice Guidelines for the New York State Early Intervention Programs

Resident Research Project Mentor, Dr. Athena Patrianakos-Hoobler. February, 2004.

Improving the Disability Decision Process: SSA's Listing of Impairments and Agency Access to Medical Expertise. Institute of Medicine of National Academies, 2006

Institute of Medicine: Child Disability and Social Security Income (SSI) December 2006

Improving the Social Security Disability Decisions Process. The National Academies Press. Washington, .D.C., 2007.

Grant, "RTRS Pregnancy and Prematurity." March, 2007

Doctoral thesis, "Profiles of School Readiness in Very Preterm Children: Perinatal, Neurological and Psychological Determinants" by Gehan Roberts. Melbourne School of Graduate Research, Australia, 2008

Successful Nomination, Paul H. Lipkin for Robert Wood Johnson Congressional Policy Fellow December, 2009.

Grant Reviewer:

National Institute of Child Health and Human Development

Canadian Institutes of Health Research

Medical Research Council, UK

Joseph P. Kennedy Scientific Advisory Committee

Hospital for Sick Children Research Foundation

Easter Seals Research Foundation

Children's Guild of Buffalo

Illinois Children's Health Care Research Foundation

Medical Research Council, Australia

COMMUNITY AND FACULTY SERVICE

1982 – 1985 Developmental Pediatrics Consultant: Kent County Crippled Children's Program; Eastern Regional Baltimore County MRDD Center; Baltimore City-Neighborhood HMO-Greater Baltimore Medical Center

1984 – 1986 **Medical Advisory Board and Consultant: Special Olympics Incorporated, Washington, D.C.**

1986 – 1996 Medical Consultant and Medical Director, Bornhava Preschool for Children with Special Needs, Amherst, New York
 Medical Consultant, Association for Retarded Citizens: Heritage School, Buffalo, New York

1986 – 1996 Long Range Planning Committee, Society of Developmental Pediatrics

1988 – 1992 Regional Planning Group for Technology Dependent Children

1988 – 1992 Task Force on Public Law 99-457, Education and Health Collaboration for Children with Handicaps Ages 0-5 Years

1988 – 1994 McMaster University-SUNY Buffalo Work Group in Measuring Functional Independence

1989 – 1991 Department of Rehabilitation Medicine Committee on Faculty Development of Allied Health Professionals

1989 – 1991 Department of Pediatrics Task Force on Chronically Hospitalized Children at Children’s Hospital

1990 – 1994 American Academy of Pediatrics Section on Children with Disabilities, Executive Committee

1990 – 1994 Department of Pediatrics Chronic Care/Skilled Nursing, Facility for Children: Deaconess/Children’s Hospital of Buffalo Planning Committee

1995 – 2000 American Academy of Pediatrics Scientific Program Committee

1995 – 2001 Executive Committee, Department of Pediatrics

1996 – 1999 Chair Medical Research Planning Committee on Health Policy, JP Kennedy Jr. Foundation

1996 – 2003 Board of Directors, Rhode Island KIDS COUNT

1997 – 1998 Vice Chairperson, Board of Directors, Rhode Island KIDS COUNT

1998 – 2003 Chairperson, Board of Directors Rhode Island KIDS COUNT

1996 – 2003 Professional Advisory Committee, Rhode Island Hearing Assessment Program for Universal Newborn Screening

1996 – 2003 Professional Interagency Coordinating Council for Children with Special Health Care Needs

1998 – 2000 Interagency Coordinating Council for Handicapped Infant and Toddler Programs, State of Rhode Island

1998 – 2000 Member, Rhode Island Department of Human Services Leadership Roundtable: Establishing Centers of Excellence for Diagnosis, Assessment, and Referral Systems of Care for Children with Special Health Care Needs

1998 – 2000 Governor’s Commission to Study the Early Intervention (EI) Program; State of Rhode Island Department of Health

1998 – present	Treatment Outcomes Committee, American Academy for Cerebral Palsy and Developmental Medicine
1999 – 2002	Hasbro Children’s Hospital Early Intervention Steering Committee
1999 – 2002	Lifespan CEDARRS Steering Committee
1999 – 2003	Women & Infants and Rhode Island Department of Health Genetics Advisory Committee on Newborn Screening
2001 – 2003	Board of Directors, Health Education Leadership Providence
2001 – present	Editorial Board, Infants and Young Children
2002 – present	Scientific Advisory Board, Children’s Guild of Buffalo
1999 – 2004	Center for the Study of Human Development, Brown University, Providence, RI
1999 – 2001	Providence Mayor’s Early Childhood Task Force
2001 – 2003	Board of Directors, Health Education Leadership, Providence, RI
2004 –2006	Interdisciplinary Family Centered Outcomes Committee for Children with Special Needs: LaRabida Children’s Hospital
2004 – present	Medical Advisory Committee, Pathways Awareness Foundation for detection and intervention for early childhood cerebral palsy and related motor disabilities, Chicago, IL
2004 – present	Appointed to the Governor’s Early Childhood Committee to develop systems of prevention, screening, early intervention, and family supports for vulnerable children ages birth to five with respect to child development and socio-emotional functioning
2008 – present	Friend Family Health Center, Beethoven School: Advisory Board
2008	Consultant for International Rett Syndrome Foundation (IRSF)

UNIVERSITY COMMITTEES

1985-1995	Consortium of State of New York Medical Schools for Medical Education in Developmental Disabilities
1985-1996	Brown Medical School, Pediatric Fellowship Committee
1989-1995	Upstate Coordinator Consortium on Medical Education in Developmental Disabilities, SUNYAB, Rochester, Syracuse, Albany)
1989-1995	Developmental Disabilities Core Management Series for Rural Health Professionals,
1991-1995	Graduate Medical Education Subcommittee on Geriatrics, Developmental Disabilities and Rehabilitation
1991-1995	Mental Retardation/Developmental Disabilities Nurse Practitioner Advisory Board,

1991-1995	University at Buffalo Department of Pediatrics Appointments and Promotions Committee
1996-2003	University at Buffalo Department of Pediatrics, Pediatric Fellowship Committee,
1999-2003	Brown University, Center for Human Development, Multidisciplinary Steering Committee
2001-2003	Brown University Weyland Colloquium: Interdisciplinary Aspects of Disability
2004-present	University of Chicago Task Force on Interdisciplinary Collaboration in Early Childhood
2006-	University of Chicago Institute of Molecular Pediatrics: Committee on Genetics, Ethics, Translational Research, Community, and Society – University of Chicago Committee on Translational Sciences Pediatric Committee .
2007-present	University of Chicago Developmental Sciences Research Network
2009-present	University of Chicago Committee on Appointments and Promotion

MEMBERSHIP IN SOCIETIES

American Academy of Cerebral Palsy and Developmental Medicine, Fellow, December 1, 1985

Society of Developmental Pediatrics, Fellow, January 2, 1986

American Academy of Pediatrics Committee on Children with Disabilities, Chapter 2, District 2, 1986-1990

American Association of University Affiliated Programs for Persons with Developmental Disabilities, 1987-1994

New York State Office of Mental Retardation Consortium on Medical Education in Developmental Disabilities (C-MEDD); Co-organizer Upstate C-MEDD, 1988-1994

American Academy of Pediatrics Executive Committee, Section on Children with Disabilities, November 1990-94; Chair, Scientific Program Committee, 1995 -2003

Society for Developmental and Behavioral Pediatrics, 1997-present

American Pediatric Society, 1998-present

Society of Developmental Pediatrics, Long Range Planning Committee, 1985-1995; Scientific Program Committee, 1996–2003; Co-Chair, Professors of Neurodevelopmental Pediatrics, 2001-2004

Child Neurology Society, 2006-present

UNIVERSITY TEACHING ROLES

Research Supervision: Postgraduate-Medical Fellows

- 1986-1988 Marilyn Barker, MD, Medical Director New York State School for the Blind and Our Lady of Victory Community Program for Medically Frail Children
- 1986-1988 Scott Owen, MD, Section Director, Department of Family Medicine Adult Developmental Disabilities Program
- 1987-1989 Mary E. Reese, MD, Chief, Developmental Pediatrics, United States Air Force, Biloxi, Mississippi, 1990-1993; Medical Director Early Intervention Team, Robert Warner Rehabilitation Center, 1994-2000.
- 1988-1990 Elisabeth Coorssen, MD, Fallon Clinic and University of Massachusetts Medical Center, Worcester, MA
- 1990-1992 Laurie Sadler, MD, Developmental Genetics Fellow; Medical Director Craniofacial Center of Children's Hospital of Buffalo
- 1992-1995 Kevin Senn, MD, Developmental Medicine Fellow; Medical Director, Down Syndrome Program and Director, Robert Warner Rehabilitation Center
- 1992-1995 Anne Meduri, MD, Developmental Medicine Fellow; Medical Director, Model Preschool Program, Robert Warner Rehabilitation Center, 1995-2002; DBP Program, Dupont Delaware, 2002-present.
- 1993-1996 Melissa Azaula, MD., Pediatric Physiatry Fellow; Medical Director, Spina Bifida and Cerebral Palsy Programs, Robert Warner Rehabilitation Center, 1996-present
- 1995-1997 Nancy Carnevale, MD, Child Development Center Neurodevelopmental Disabilities Fellow; DBP Faculty, Tampa, FL
- 1995-1997 Rolanda Maxim, MD, Child Development Center Neurodevelopmental Disabilities Fellow; DBP Faculty, St. Louis University
- 1997-2000 Razi Hasan, MD, Child Development Center Neurodevelopmental Disabilities Fellow; DBP RI
- 1998-2001 Victoria Dalzell, MD, Behavioral-Developmental MCH Fellow; DBP Faculty, Maine Medical Center
- 1998-2001 Emilie Sy, MD, Child Development Center Developmental and Behavioral Pediatric Fellow; DBP Faculty, Atlantic Healthcare, Morristown, NJ
- 2000-2003 Ronald Espinal, MD, Behavioral-Developmental MCH Fellow; Tennessee Memphis Community Developmental and Behavioral Pediatric Fellow
- 2001-2003 Maya Lopez, MD, Department of Health-Early Intervention-Child Development Center Developmental Pediatric Fellow; Faculty, Brown Medical School
- 2001-2004 Elizabeth Forbes, MD, Behavioral-Developmental MCH Fellow; MPH Candidate, Brown Medical School

- 2004-2007 Kruti Acharya, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago (Currently Faculty at University of Chicago)
- 2005-2008 Karin Vander Ploeg Booth, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago (Currently Faculty at University of Chicago)
- 2006-2009 Laura Hans MD, Developmental and Behavioral Pediatric Fellow, University of Chicago (Currently Faculty at University of Illinois at Chicago)
- 2007-2010 Eboni Smith MD, Developmental and Behavioral Pediatric Fellow, University of Chicago (Currently Faculty at Emory University)
- 2006-2010 Lauren Boyd MD, Developmental and Behavioral Pediatric Fellow, University of Chicago
- 2008-2011 Sarah Bauer, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago
- 2008-2011 James Weedon, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago
- 2008-2011 Alexandra Saulsberry, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago
- 2009-2012 Reshma Shah, MD, Developmental and Behavioral Pediatric Fellow, University of Chicago

PUBLICATIONS—REFEREED JOURNALS

1. Msall M, Batshaw ML, Suss R, Brusilow SW, Mellits ED. Neurological outcome in children with inborn errors of urea synthesis: Outcome of urea cycle enzymopathies. *N Engl J Med.* 1984;310:1500-1505. (PMID: 6717540)
2. Msall M, Shapiro B, Balfour PB, Neidermeyer E, Capute AJ. Acquired epileptic aphasia: Diagnostic aspects of progressive language loss in preschool children. *Clin Pediatr.* 1986;25:248-251. (PMID: 2421957)
3. Batshaw ML, Msall M, Beaudet A Trojak, J. Risk of serious illness in heterozygotes for ornithine transcarbamylase deficiency. *J Pediatr* 1986;108:236-241. (PMID: 3944708)
4. Griswold KS, Msall ME, Cooke RE. A university based HMO for persons with developmental disabilities. (editorial) *Mental Retardation* 1987;25:223-225. (PMID: 3626860)
5. Dlugosz LJ, Byers T, Msall ME, Marshall J, Lesswing A, Cooke RE. Relationships between laterality of congenital limb reduction defects and school performance. *Clin Pediatr* 1988;27:319-324. (PMID: 3390989)
6. Msall ME, Monahan PS, Chapanis N, Batshaw ML. Cognitive development in children with inborn errors of urea synthesis. *Acta Paediatr Jpn* 1988;30:435-441. (PMID: 3150233)
7. Morris ME, Griener JC, Msall ME. N-Acetylase variability in Down's syndrome: Characterization with caffeine. *Clin Pharmacol Ther* 1989;46:359-366. (PMID: 2528436)
8. Msall ME, Reese M.E, DiGaudio K, Griswold K, Granger CV, Cooke RE. Symptomatic atlantoaxial instability associated with medical and rehabilitation procedures in children with Down syndrome. *Pediatrics* 1990;85:447-449. (PMID: 2137582)
9. Hoyne HE, Jones KL, Dixon SD, Jewett T, Hanson JW, Robinson LK, Msall ME, Allanson

- JE. Prenatal cocaine exposure and fetal vascular disruption, *Pediatrics* 1990;85:743-747. (PMID: 2330234)
10. Griener JC, Msall ME, Cooke RE, Corcoran GB. Non-Invasive determinations of acetaminophen disposition in Down's syndrome. *Clin Pharmacol Ther.* 1990;48:520-528. (PMID: 2146059)
 11. Reese ME, Msall ME, Owen S, Pictor SP, Paroski M. Acquired cervical spine impairment in young adults with cerebral palsy. *Dev Med Child Neurol* 1991;33:153-158. (PMID: 2015983)
 12. DiGaudio K, Msall ME. Guidelines for safe transportation of children in wheelchairs. *Am J Dis Child* 1991;145:653-655. (PMID: 1827943)
 13. Msall ME, DiGaudio KM, Malone AF. Health developmental and psychosocial aspects of Down syndrome: Interdisciplinary protocols and partnerships. *Infant & Young Child* 1991;4:35-45.
 14. Coorssen EA, Msall ME, Duffy LC. Multiple minor malformations as a marker for the prenatal etiology of cerebral palsy. *Dev Med Child Neurol* 1991;33:730-736. (PMID: 1916028)
 15. Msall ME, Buck GM, Rogers BT, Merke DP, Catanzaro NL, Zorn WA. Risk factors for major neurodevelopmental impairments and special education resources in extremely premature infants. *J Pediatr* 1991;119:606-614. (PMID: 1919894)
 16. Msall ME, Buck GM, Rogers BT, Catanzaro NL. Kindergarten readiness after extreme prematurity. *Am J Dis Child.* 1992;146:1371-1375. (PMID: 1384309)
 17. Glick PL, Leach EA, Egan EA, Morin FC, Kantock AM, Robinson LK, Brody A, Lele AS, McDonnell M, Holm B, Gesner GE, Rogers BT, Msall ME, Courey NG, Karp MP, Allen JE, Jewett TC, Cooney DR. Pathophysiology of congenital diaphragmatic hernia III: Surfactant replacement for the high risk neonate with congenital diaphragmatic hernia. *J Ped Surg* 1992;27:866-869. (PMID: 1640336)
 18. Rogers B, Msall M, Shucard D. Hypoxemia during oral feedings in adults with dysphagia and severe neurological disabilities. *Dysphagia*, 1993;8:43-48. (PMID: 8436021)
 19. Rogers B, Arvedson J, Msall M, DeMerth R. Hypoxemia during oral feedings in children with severe cerebral palsy. *Dev Med Child Neurol.* 1993;35:3-10. (PMID: 8449378)
 20. Msall ME, Rogers BT, Buck GM, Mallen S, Catanzaro NL, Duffy LC. Functional status of extremely premature infants at kindergarten entry. *Dev Med Child Neurol* 1993;35:312-320. (PMID: 8335146)
 21. Msall ME, DiGaudio KM, Duffy LC. Use of functional assessment in children with developmental disabilities. *Phys Med Rehab Clin N Amer.* 1993;4:517-527.
 22. Msall ME, Buck GM, Rogers BT, Duffy LC, Mallen SR, Catanzaro NL. Predictors of mortality, morbidity and disability in a cohort of infants <28 weeks gestation. *Clin Pediatr.* 1993;32:521-527. (PMID: 8258204)
 23. Msall ME, Buck GM, Rogers BT, Merke DP, Wan CC, Catanzaro NL, Zorn WA. Multivariate risks among extremely premature infants. *J Perinatol.* 1994(XIV):41-47. (PMID: 8169677)
 24. Rogers BT, Stratton P, Msall M, Andres M, Champlain MK, Koerner P, Piazza J. Long term morbidity and management strategies of tracheal aspiration in adults with severe developmental disabilities. *Am J Ment Retard.* 1994;98:490-498. (PMID: 8148125)
 25. Rogers B, Arvedson J, Buck G, Smart P, Msall M. Characteristics of dysphagia in children with cerebral palsy. *Dysphagia.* 1994;9:69-73. (PMID: 8131428)

26. Arvedson J, Rogers B, Buck G, Smart P, Msall M. Silent aspiration prominent in children with dysphagia. *Int J Pediatr Otorhinolaryngol.* 1994;28:173-181. (PMID: 8157416)
27. Msall ME, DiGaudio K, Duffy LC, LaForest S, Braun S, Granger CV. WeeFIM: Normative sample of an instrument for tracking functional independence in children. *Clin Pediatr* 1994;33:431-348. (PMID: 7955782)
28. Msall ME, DiGaudio K, Rogers BT, LaForest S, Lyon N., Campbell J., Wilczenski F, Duffy L.C.: The Functional independence measure for children (WeeFIM): Conceptual basis and pilot use in children with developmental disabilities. *Clin Pediatr* 1994;33:421-430. (PMID: 7525140)
29. Rogers BT, Msall ME, Owens T, Guernsey K, Brody A, Buck G, Hudak M. Cystic periventricular leukomalacia and Type of cerebral palsy in preterm infants. *J Pediatr* 1994;125:S1-S8. (PMID: 8021755)
30. Rogers BT, Msall ME, Buck GM, Lyon NR, Norris MK, Roland J-MA, Gingell RL, Cleveland DC, Pieroni DR. Neurodevelopmental outcome of infants with hypoplastic left heart syndrome. *J Pediatr.* 1995;126:496-498. (PMID: 7532710)
31. Sadler LS, Robinson LK, Msall ME. Diabetic embryopathy: Possible pathogenesis. *Am J Med Genet.* 1995;55:363-366. (PMID: 7726238)
32. Ottenbacher KJ, Taylor ET, Msall ME, Braun S, Lane SJ, Granger CV, Lyons N, Duffy LC. The stability and equivalence reliability of the functional independence measure for children (WeeFIM®). *Dev Med Child Neurol.* 1996;38:907-916. (PMID: 8870612)
33. Vohr B, Msall ME. Neuropsychological and functional outcomes of very low birth weight infants. *Semin Perinatol.* 1997; 21:202-220. (PMID: 9205976)
34. Msall ME, Rogers BT, Ripstein H, Lyon N, Wilczensi F. Measurements of functional outcomes in children with cerebral palsy. *Ment Retard Develop Disabil Res Rev.* 1997; 3:194-203.
35. Ottenbacher KJ, Msall ME, Lyon NR, Duffy LC, Granger CV, Braun S. Interrater agreement and stability of the functional independence measure for children (WeeFIM): Use in children with developmental disabilities. *Arch Phys Med Rehabil.* 1997; 78:1309-1315. (PMID: 9421983)
36. Hogan DP, Msall ME, Rogers ML, Avery RC. Improved disability population estimates of functional limitation among american children aged 5-17. *Matern Child Health J.* 1997;1(4)203-216. (PMID: 10728246)
37. Rogers BT, Msall ME, Arvedson J, Sim J, Rossi T, Martin D, Hudak M. Growth of preterm infants with cystic periventricular leukomalacia. *Dev Med Child Neurol.* 1998;40:580-586. (PMID: 9766734)
38. Msall ME, Bier JB, LaGasse L, Tremont M, Lester B. The vulnerable preschool child: The impact of biomedical and social risks on neurodevelopmental function. *Semin Pediatr Neurol* 1998; 5:52-61. (PMID: 9548642)
39. Ottenbacher KJ, Msall ME, Lyon N, Duffy LC, Granger CV, Braun S. Measuring developmental and functional status in children with disabilities. *Dev Med Child Neurol.* 1999; 41(3):186-194. (PMID: 10210251)
40. Owens J, Maxim R, Mc Guinn M, Nobile C, Msall ME, Alario A. Television-viewing habits and sleep disturbance in school children. *Pediatrics.* 1999; 104(3):1-8. (PMID: 10469810)
41. Msall ME, Tremont MR. Measuring functional status in children with genetic impairments. *Am J Med Genet (Semin Med Genet).* 1999; 89:62-74. (PMID: 10559760)

42. Ottenbacher KJ, Msall ME, Lyon N, Duffy LC, Ziviani J, Granger CV, Braun S. Functional assessment and care of children with neurodevelopmental disabilities. *Am J Phys Med Rehabil.* 2000;79:114-123. (PMID: 10744184)
43. Buck GM, Msall ME, Schisterman EF, Lyon NR, Rogers BT. Extreme prematurity and school outcomes: Social and biomedical risks in the surfactant trial era. *Paediatr Perinat Epidemiol.* 2000;14(4):324-331. (PMID: 11101019)
44. Hogan DP, Rogers ML, Msall ME. Functional limitations and key indicators of well-being in children with disability. *Arch Pediatr Adolesc Med.* 2000; 154(10):1042-1048. (PMID: 11030857)
45. Msall ME. Op-Ed letter in response to Providence Journal, May 2, 2000, regarding Dr. Bernard Rimland's editorial on vaccinations and the link to autism printed in *The Rhode Island Pediatrician*. Fall 2000 newsletter.
46. Azaula M, Msall ME, Buck G, Tremont MR, Wilczenski F, Rogers BT. Measuring functional status and family support in older school-aged children with cerebral palsy: Comparison of three instruments. *Arch Phys Med Rehab.* 2000;81:307-311. (PMID: 10724075)
47. Owens J, Maxim R, Nobile C, McGuinn M, Msall ME. Parental and self-report of sleep in children with attention deficit hyperactivity disorder. *Arch Pediatr Adolesc Med.* 2000;154:549-555. (PMID: 10850500)
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142. Romantseva L, Andrews B, Msall ME. Descriptive Epidemiology of Cerebral Palsy in Preschool Minority Children: Preliminary Data from the South Side of Chicago. 2008, AACPD meeting, Atlanta, Georgia. * F5: Developmental Medicine & Child Neurology 2008, 50 (Suppl. 4): 1–41.
143. Msall ME, Shandra CA, Avery RC, Hogan DP. Disability is a Family Affair: Clustering of Adult and Child Disability in U.S. Households. 2008, AACPD meeting, Atlanta, Georgia. F7: Developmental Medicine & Child Neurology 2008, 50 (Suppl. 4): 1–41 *
144. Lin EP, Msall ME, Park JJ, Gray LA. Communicative and Adaptive Functioning of Preschool Children with Developing Delays or Autistic Spectrum Disorders: Family Priorities, Distress, and Well-Being. 2008, AACPD meeting, Atlanta, Georgia. SP: 40. Developmental Medicine & Child Neurology 2008, 50 (Suppl. 4): 42–80 *

145. Msall ME, Weiss EL, Gray LA, Muhammad C, Park JJ, Andrews B, Liedel JL. Missed Opportunities for Receiving Early Intervention Services after Neonatal Intensive Care. 2008, American Academy of Pediatrics 2008 National Conference and Exhibition (NCE), Boston, Massachusetts.
146. Patrianakos-Hoobler AI, Msall ME, Marks JD, Huo D, Schreiber MD. Inhaled Nitric Oxide (INO) Effects on Medical and Functional Outcomes of Premature Infants at Early School Age. 2008, 2nd Congress of the European Academy of Paediatrics- EAP, Nice, France. ESPR Session: Neonatal Outcome.
147. Msall ME. Children with Autistic Spectrum Disorders: Promoting Parent-Professional Partnerships to Optimize Outcomes. IDPH – Genetics: A Family Affair. 23rd Annual Conference, Oak Brook, IL, March 19th, 2009.
148. Boyd LAC, Msall ME, O’Shea M, Alfred EN, Leviton A. Correlates of developmental delays in orientation/engagement and emotional regulation in extremely low gestational age children at two years of age. Platform Presentation. Pediatric Academic Societies Meetings, Baltimore MD, May 4, 2009. Platform Session: Risk Factors in Adverse Neurodevelopmental Outcome in Preterms (4770.4)
149. Dilley S, Rogers L, Andrews B, Msall ME. Surveillance of Preschool Children after Critical Care Illness. Pediatric Academic Societies Meetings, Baltimore MD, May 4, 2009. Poster Session: Neonatal Epidemiology & Follow-up (4354.436)
150. [Phadke A](#), Msall ME, O’Shea M, Alfred EN, Leviton A. [Visual Dysfunction and 24 Month Cognitive Disability after Extreme Prematurity](#). Pediatric Academic Societies Meetings, Baltimore MD, May 4, 2009. Platform Session: Risk Factors in Adverse Neurodevelopmental Outcome in Preterms (4770.3)
151. Patrianakos-Hoobler AI, Msall ME, Marks JD, Huo D, White MK, Schreiber MD. Postnatal Growth Failure Predicts Lack of School-Readiness in Premature Infants with Respiratory Distress Syndrome. Pediatric Academic Societies Meetings, Baltimore MD, May 4, 2009. Poster Session: Neonatal Epidemiology & Follow-up (4353.416).
152. Patrianakos-Hoobler AI, Msall ME, Marks JD, Huo D, White MK, Schreiber MD. Neonatal Feeding Practices and School-Readiness in Premature Infants with Respiratory Distress Syndrome. Pediatric Academic Societies Meetings, Baltimore MD, May 2, 2009. Platform Session: Neonatal Patient Oriented Research: Neonatal Growth & Nutrition (2365.3)
153. Michael E. Msall, Nancy Lyon, Patricia Duffner, Jennifer Park, Elsa Shapiro on behalf of the Pediatric Developmental and Functional Outcome Group. Developmental and Functional Surveillance in Preschool Children with Lysosomal Storage Diseases. WORLD Lysosomal Storage Disease Symposium, Miami FL, February 2010. Session 8 LDN NIH-Funded Project Reports.
154. Michael E. Msall, Robin J. Miller, Mary C. Sullivan. 17-Year Functioning and Participation Outcomes of Preterm Survivors with Diverse Neonatal Morbidities. PAS 2010, Vancouver, Canada. May 4, 2010. (4355.8)
155. Mary C. Sullivan, Robin J. Miller, Michael E. Msall. 17-Year Physical, Neurological, and Behavioral Health Outcomes of Preterm Survivors with Diverse Neonatal Morbidities. PAS 2010, Vancouver, Canada. May 4, 2010. (4355.9)
156. Eboni M. Smith, Bree Andrews, Colette T. Gatling, Susan P. Tryoke, Michael E. Msall. Maternal Inputs and Developmental Competencies in Vulnerable Preterm Survivors. PAS 2010, Vancouver, Canada. May 2, 2010 (1484.330)
157. Melissa White, Jeremy D. Marks, Scott A. Schreiber, Dezheng Huo, Michael E. Msall,

- Michael D. Schreiber. No Effect of Inhaled Nitric Oxide on IVH Extension in Premature Infants with Moderate RDS. PAS 2010, Vancouver, Canada. May 2, 2010 (2849.278)
158. Amy Claessens, Jen Hao Chen, and Michael E. Msall . Early Childhood Health and School Readiness, 11th Australian Institute of Family Studies Conference: Sustaining Families in Challenging Times. Platform presentation on July 7, 2010 by Msall in the session entitled : Families and Place. Our analyses included 6821 children from The Longitudinal Study of Australian Children(LSAC) and comparing them to over 10,000 US children in the Early Childhood Longitudinal Study-Birth Cohort with respect to the impact of prematurity and birth weight on kindergarten readiness controlling for maternal health and family social capital.

REGIONAL, NATIONAL, AND INTERNATIONAL TEACHING PRESENTATION: 2000-present

- Measuring Functional Skills in Children. Federal Interagency Task Force on Child Well Being Measuring Disability. Washington, DC. March 3, 2000.
- Moderator and Presenter, Maternal and Child Health Bureau, Developmental Behavioral Pediatric Fellowship Training and Leadership Conference, Use of Survey Data for Vulnerable Populations. Holiday Inn, Providence, RI. April 13-15, 2000.
- Functional Outcomes After Extreme Prematurity: Challenges for the Millennium. 11th Annual Developmental-Behavioral Pediatrics Conference. Southern Illinois University, Springfield, IL. April 27, 2000.
- Year 3, UAP-SSI Assessment Project, Planning Meeting, Chicago, IL. November 16-17, 2000.
- Functional Outcomes of Extreme Prematurity: Challenges for the Millennium. Developmental Disabilities Nurses Association 9th Annual National Conference on “Early Intervention and Childhood Issues.” Orlando, FL. May 5, 2001.
- Key Indicators of Child Health and Safety: Infants, Preschool and Middle Childhood. NIH and Child Trends Conference Bethesda, MD. June 14, 2001.
- Problems in Pediatrics, Brown University. Assessing Controversies in Autism: Medical Advances, Functional Outcomes, and Family Supports and Issues in Early Identification and Classification of Children with Motor Delay: Advice for Professionals and Families. Colby College, Brunswick, Maine. July 10, 2001.
- Training the next generation of neurodevelopmental pediatricians and child neurologists. Challenges in an era of neuroscientific and developmental advances. Child Neurology Society Meeting. Victoria, BC, Canada. October 17-19, 2001.
- Assessing Controversies in Autism: Medical Advances, Functional Outcomes and Family Supports. American Academy of Pediatrics, Scientific Program Session Moderator. National Conference and Exhibition. San Francisco, CA. October 20-24, 2001.
- Measuring Child Disability: Advances in Functional Assessment. Society of Neurodevelopmental Pediatrics. Williamsburg, VA. November 9, 2001.
- Controversies in Autism. Maternal and Child Health Bureau, Developmental and Behavioral Pediatric Fellowship Training Annual Meeting. Philadelphia, PA. March 7-9, 2002.
- Functional Assessment Tools in Pediatrics. Topics in Neurodevelopmental Pediatrics. American Academy of Neurology. Denver, CO. April 15, 2002.
- Measuring the Complexity of Child Disability after New Biomedical Technologies: Advances in Functional Assessment. Perinatal Epidemiology & Health Policy Seminar, Boston, MA. June 27, 2002.

DB Prep: An Intensive Review Course of Developmental and Behavioral Pediatrics: Developmental and Behavioral Impact of Chronic Illness: Lessons from children with PKU, Mucopolysaccharidoses, and Lesch Nyhan Syndrome; AAP-SDBP. Providence, RI. August 12, 2002.

Developmental and Behavioral Team Processes: Collaborative Assessment and Management Practices Across Systems of Care. AAP-SDBP. Providence RI. August 13, 2002.

Advances in Measuring Developmental Outcomes of Very Low Birth Weight and Extremely Low Birth Weight Survivors. Montreal Children's Hospital Visiting Professor in Pediatrics and Rehabilitation Sciences, Montreal, ON, Canada. December 9, 2002.

Advances in Measuring Outcomes after Biomedical Advances. Children's National Medical Center, George Washington University, Washington, DC. February 2003.

Language and the Development of Social and Adaptive Behavior. Johns Hopkins University School of Medicine. The Spectrum of Developmental Disabilities XXVI- Disorders of Communication, Baltimore, MD. March 29, 2004.

DB Prep: An Intensive Review Course of Developmental and Behavioral Pediatrics. Developmental and Behavioral Impact of Chronic Illness: Lessons from Children with PKU, Mucopolysaccharidoses, and Lesch Nyhan Syndrome. AAP-SDBP. Chicago, IL. August 13, 2004.

Advance in Early Intervention: Promises and Challenge for Vulnerable Children, University of Chicago Pediatric Grand Rounds. Chicago, IL. September 9, 2004.

Early Intervention in the First Year: Challenges, Evidence and Needs. Johns Hopkins University School of Medicine Course. The Spectrum of Developmental Disabilities XXVII: Neurodevelopmental Precursors: The First 12 Months. Baltimore, MD. April 6, 2005.

Employment among Mothers of Children with Disabilities: Results from NLSY and Y2K Census. Paper with Dennis Hogan; Society Research in Child Development, Atlanta, GA. April 9, 2005.

Advances in Cerebral Palsy after Prematurity, Royal Women's Hospital Melbourne Australia. November 9, 2006

Measuring Functional Outcomes in Child Neurodisability, Royal Children's Hospital Melbourne Australia. November 10, 2006

The Epidemiology of Child Disability: Opportunities and Challenges for Optimizing Functioning and Family Support. TVW Child Health Research Institute, Perth Western Australia. November 13, 2006

Measuring Quality of Life in Child Neurodisability Princess. Margaret Children's Hospital Perth Western Australia. November 14, 2006

Developmental Surveillance of Children After Neonatal Intensive Care: Strategies for Population Approaches to Preschool Disability, Vermont-Oxford Network, Burlington, VT. March 29, 2007

Family Ecology and Social Capital of Adolescents with Disabilities and Adolescents with Parents with Disabilities, Society of Research in Child Development, Biennial Meeting. Boston MA. March 30, 2007

Neighborhoods to Neurons: Advances in Child Disability in an Era of Biomedical Promise and Social Scarcity, LaRabida Perspectives in Care Symposium, April 6, 2007

Advances in Understanding Children with Cerebral Palsy: Risk, Resiliency, Learning, and Independence, Partnering for Progress, Rehabilitation Institution of Chicago, Reaching for the Stars, Chicago, IL. August 11, 2007

Advances in Functional Assessment: Measuring the Complexity Of Child Disability, AAP-NCE-SOCWD San Francisco, CA. October 27, 2007

Understanding the Cerebral Palsy Syndromes: Risk, Neurodevelopment, Science, and Advocacy Neurobiology of Disease 24600, Winter Quarter. Neuroscience Training Program. January 23, 2008

Enhancing Developmental and Functional Outcomes for Vulnerable Populations: Perspectives in an Era of Biomedical Promise and Social Scarcity. LaRabida Perspectives in Care Symposium, April 3, 2008

Counting Children with Cerebral Palsy: Creating Population-Based Networks for Optimizing Functioning and Participation, The Association for Conductive Education in North America (ACENA), Chicago, IL. August 28, 2008

Risk and Resiliency after Extreme Prematurity, Brown Center for the Study of Children at Risk Providence RI, October 14, 2008

From Neighborhoods to Neurons: Severely distressed neighborhoods and children who are left behind, Interdisciplinary University Social Services Administration Disability Lecture Chicago, IL. November 7, 2008

Optimizing Growth and Nutrition in Children with Special Needs: Lessons from Down Syndrome and Autistic Spectrum Disorders. Comer Children's Hospital Celiac Foundation, Chicago IL December 5, 2008

Understanding the Cerebral Palsy Syndromes: Risk, Neurodevelopment, Science, and Advocacy Neurobiology of Disease 24600, Winter Quarter. Neuroscience Training Program. January 26, 2009

Lessons from Survey Methodologies in Describing Functioning, Participation and Well-being across Developmental Ages in Children and Youth with Cerebral Palsy. International Cerebral Palsy Conference. Sydney, Australia. February, 2009 (WCP01-1155)

Strategies for Recruiting Minority Children with CP Prior to School Entry. International Cerebral Palsy Conference. Sydney, Australia. February, 2009 (WCP01-1448)

Children with Autistic Spectrum Disorders: Promoting Parent-Professional Partnership to Optimize Outcomes. Illinois Department of Public Health – Genetics: A family Affair, 23rd Annual Conference, Oakbrook, IL. March 19, 2009

The Spectrum of Neurodevelopmental Disorders after Prematurity: Risk and Resiliency in Development, Behavior, and Learning. LaRabida Perspectives in Care Symposium LaRabida Symposium: Health and Developmental Outcomes of Children Born Prematurely, April 3, 2009

Developmental and Functional Surveillance in Preschool Children with Lysosomal Storage Diseases. Pediatric Developmental & Functional Outcome Group. HCT in Neurometabolic Disease Java Center NY, August 12, 2009.

Using the 2009 AACPDM Methodology to Develop Systematic Reviews of Treatment Interventions, AACPDM 2009, Scottsdale, AZ. September 23-26, 2009.

Developing Surveillance Tools for Neurological Functioning: Lessons for Neuro-oncology & Neuroprotection. European Pediatric Neurology Society. Harrogate, UK. October 2, 2009

Developmental and Functional Surveillance in Preschool Children with Lysosomal Storage Diseases, Lysosomal Disease Network WORLD Symposium 2010, Miami, FL. February 10-12, 2010.

Advances for Children with Cerebral Palsy: Understanding Neuroprotection and Optimizing Function and Participation. LaRabida Symposium: A Collaborative Approach to Cerebral Palsy. April 9, 2010

Neuroprotection After Extreme Prematurity: Optimizing Outcomes in an Era of Scarcity. Kristine Sandberg Knisely Lectureship Award Hospital of the University of Pennsylvania. April 13, 2010

Neuroprotection After Extreme Prematurity: Developing Evidence Based Interventions to Optimize Outcomes in Children with Cerebral Palsy. Cerebral Palsy Research Institute Lecturer, Sydney Australia June 28, 2010

School Entry & Exit of Children Experiencing Neonatal Intensive Care: Risk, Resiliency and Neuroprotection Neonatal Grand Rounds Royal Women's Hospital, Melbourne Australia, July 6, 2010

Measuring Outcomes of Children with Neurodevelopmental Disability: Lessons from Interdisciplinary Clinical Translational and Population Research. Kennedy Fellows

Grants – Research

Risk and Protection in Trajectories of Preterm Infants: Birth to Adulthood

Source: R01 NR003695 NIH/NINR

09/30/2008 – 06/30/13

PI: Mary C. Sullivan / Investigator: Michael Msall

Direct Costs: \$1,250,000

National Children's Study: Greater Chicago Study Center

Source: NICHD Contract

09/28/07 – 09/27/15

PI: Jane Holl / Investigator: Dan Johnson, Michael Msall

Direct Cost: \$ 4,000,000

Lysosomal Storage Disease Network

Source: IU54NS005768-01 NIH

9/30/09 – 8/31/14

PI of Chicago site: Michael Msall

Direct Cost: \$5,000,000

Chicago Cerebral Palsy Research Registry

Source: Private donation

01/01/09 – 12/31/10

PI: Jules P.A. Dewald, Donna Hurley, Michael Msall

Direct Cost: \$ 300,000

Multicenter Cerebral Palsy Network: Functioning, Fitness, and Participation Among Children 3-

16 Years with Cerebral Palsy Source: American Academy of Cerebral Palsy Planning Grant

10/1/2007 – 9/30/2009

PI: Michael Msall, Deborah Gaebler-Spira, Kam Kott
Direct Cost: \$25,000

Passport to Developmental Health Collaboration Across Systems of Care
Source: Grant Healthcare Foundation
1/1/07 – 12/30/09
PI: Michael Msall
Direct Costs: \$110,000

The Effects of Nitric Oxide on Premature Infants
Source: The Gerber Foundation
07/01/07 – 06/30/10
PI: Michael Schreiber / Investigator: Michael Msall
Direct Cost: \$800,000

Rett Syndrome: Genetics, Pathophysiology, and Biomarkers
Source: 1R01 HD043100-01A1 (Leonard)
DHHS/NICHD Mental Retardation and Developmental Disabilities Research Branch
9/18/03-7/31/08
PI: Helen Leonard
Role: Investigator
Direct Costs: \$1,250,000

Development of an Interdisciplinary Adaptive and Functional Assessment Tool for Children
Birth to 36 months with Special Health Care Needs
Source: Children's Guild
8/1/2004-12/1/2006
PI: Michael Msall
Direct Costs: \$127,000

The School-to-Work Transition for Adolescents with Disabilities
Source: WT Grant Foundation
7/2004-6/2006
PI: Dennis P Hogan / Investigator: Michael E Msall
Direct Costs: \$180,000

Health and Developmental Outcome after Enrollment in a Randomized Controlled Trial of
INO/HFV for Respiratory Distress Syndrome after Very Low Birth Weight
Source: American Academy of Pediatrics Resident Research Award
7/1/05 – 6/30/06. PI A. Patrianakos; Mentor: M Msall; Direct Cost: \$5,000

5-7 Year Outcome of Health and Kindergarten Readiness and Functional Disability after
Inhaled Nitric Oxide for Respiratory Distress Syndrome in Very Low Birth Weight Infants.
Source: INO Pharmaceuticals
2004 - 2006

PI: M. Msall Co Investigators: Michael Schreiber, Athena Patrianakos
Direct Costs: \$25,000

Exceptional Children – Exceptional Challenges: Developing an Interdisciplinary Multinational Project for Studying Work-Family Dilemmas Among Parents Raising Children with Disabilities.

Source: Brown University Office the Vice President for Research (OVPR) Seed Fund Award
1/1/06-02/28/07

PI: Dennis Hogan

Role on Grant: Co-PI

Direct Costs: \$81,654

Family and Child Well Being Research Network

Source: UO1 HD03 7614

PI: Dennis Hogan, Ph.D.

Co-Project Directors on Measuring Child Disability and Kindergarten Readiness: Michael Msall and Betty Vohr, 7/1/99 - 3/31/07

Co-Project Directors on Medical Impairments, Functional Limitations, and Child Disability: Michael Msall and Roger Avery, 7/1/99–3/31/07

Direct Costs: \$750,000

Assessing Developmental Disability in Children with Special Health Care Needs

Source: Social Security Administration

1999-2002 PI: Michael Msall, Brown University, University Center of Excellence on Disability

Direct Costs: \$40,000

Developmental Surveillance in Vulnerable Populations including Spanish Speaking Preschoolers: Use of CAT/CLAMS

Source: Society of Developmental Pediatrics-Kennedy Fellows Association

1999–2001; PI: Michael Msall; Direct Costs: \$30,000

Adolescent Competency: Risk and Protective Processes after Neonatal Intensive Care

Source: NIH NINR

1998–2008 ;Co-PI: MM McGrath, MC Sullivan

Role: Consultant on Neuromotor, Health, Developmental, Adaptive and Functional Status of Children at ages 12 and 18 who received Neonatal Intensive Care.

Direct Costs: \$2,500,000

Demographic, Health, and Functional Consequences of Communication Disabilities

Source: Center for Disease Control Disability Prevention Program 1997-2001

Co-PIs: Michael Msall and Dennis Hogan

Direct Costs: \$325,000

The Demography of Child Disability and Rehabilitation

Source: I RO3 HD35376 NICHD

PI: Dennis Hogan

Project Director, Medical Impairments and Functional Limitations: Michael Msall,
1997-2000; Direct Costs: \$150,000

Grants/Gifts – Training (2000-present)

Irving Harris Foundation Gift
Developing a Fellowship Training Program in Developmental and Behavioral Pediatrics in
Chicago
2004-2012
Co PI: Michael Msall. Lawrence Gray, Program Director: Peter Smith
Direct Costs: \$800,000

Leadership Education in Neurodevelopmental and Related Disorders Training Program (LEND)
HRSA – Department of Health and Human Services
9/1/08 – 8/31/11
PI: Cutler, Co-PI Peter Smith, Pediatric Discipline Coordinator :Michael Msall
Direct Costs: \$511,987

Fellowship Training Program in Early Intervention and Neurodevelopmental Pediatrics Source:
Rhode Island Department of Health, Early Intervention Program.
1998-2004
Co-PI's: Michael Msall and JB Bier
Direct Costs: \$600,000

Brown University Leadership Education in Behavioral-Developmental Pediatrics.
Source: Maternal and Child Health Bureau
1997-2003
PI: Michael Msall
Direct Costs: \$600,000

Fellowship Training Program in Developmental Disability
Source: Rhode Island Hospital Lifespan and Rhode Island Department of Health, Title 5
Program for Enhanced Medical Coordination
1996-2002
PI: Michael Msall
Direct Costs: \$700,000

Grants – Demonstration (2000 – present)

Young Children with Disabilities
Source: Chicago Public School
2005-2010
PI: Michael Msall
Direct Costs: \$750,000

Demonstration Project, Rhode Island Department of Health, Child Development Center, Title 5

Program for Children with Special Health Care Needs. An integrated system of family supports and medical case management. 1996-2002

PI: Michael Msall

Direct Costs : \$3,470,000